TETRA TECH

August 13, 2025

Mr. Joel Stone
Environmental Specialist
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

VIA ELECTRONIC SUBMITTAL

Re: Temporary Pit Closure Report
SND Javelina Unit P429 (429H, 430H, 431H, 432H)
BLM Lease No. USA NMNM 141882
Section 14 of T24S, R31E
Eddy County, New Mexico
Facility ID: fVV2214455406

Dear Mr. Stone,

Tetra Tech, Inc. (Tetra Tech) is pleased to provide this Temporary Pit Closure Report on behalf of Chevron Mid Continent Business Unit (MCBU) for the above-referenced temporary pit in accordance with the approved C-144 closure plan and conditions of approval, dated May 25, 2022. Temporary pit closure activities were completed on July 1, 2025. On March 14, 2025, an extension was granted due to construction delays to finish blending and closure activities at the Site. The site will be monitored in 2025 and 2026 for vegetative growth progress. The Division will be notified upon the establishment of appropriate vegetative cover that blends with the surrounding undisturbed area. This submittal includes the following information listed in Part 21 of the C-144 Form (Closure Report Attachment Checklist):

Closure Requirement	Attachment
Proof of Deed Notice (on-site closure on private land only)	Not Applicable; *BLM Land*
Waste Material Sampling Analytical Results (required for on-site closure)	Attachment A;
C-105 form (for on-site closures and temporary pits), Plat Plan	Attachment B
Disposal Facility Name and Permit Number	Not Applicable*; on-site closure*
Soil Backfilling and Cover Installation	Attachment C
Confirmation Sampling Analytical Results	Attachment C
Re-vegetation Application Rates and Seeding Technique	Attachment C
Site Reclamation (photo documentation)	Attachment C
Updated C-144 form	Attachment D

Tetra Tech
901 West Wall Street, Suite 100, Midland, TX 79701
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

TETRA TECH

If you have any questions or comments regarding this submittal, please contact Loyd Tyler at loyd.tyler@chevron.com.

Respectfully submitted,
TETRA TECH

John Faught, GIT
Project Manager
Tetra Tech, Inc.

Clair Gonzales, PG
Operations Manager
Tetra Tech, Inc.

Cc: James Amos, Bureau of Land Management, *via electronic submittal*

TETRA TECH

Attachment A

Waste Material Sampling Analytical Results

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Russell Weigand
Tetra Tech Inc
901 W Wall
Ste 100
Midland, Texas 79701

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JOB DESCRIPTION

Chevron MCBU
SND Pad 429

JOB NUMBER

880-52161-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

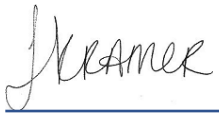
Eurofins Midland

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
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Laboratory Job ID: 880-52161-1
SDG: SND Pad 429

Table of Contents

Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
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
%R	Percent Recovery
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"
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
PRES	Presumptive
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
Project: Chevron MCBU

Job ID: 880-52161-1

Job ID: 880-52161-1 Eurofins Midland

Job Narrative
880-52161-1

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 sample was received on 12/12/2024 12:35 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°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
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-97706 and analytical batch 880-97954 was outside the control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-97706 and analytical batch 880-97954 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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 for preparation batch 880-97850 and analytical batch 880-97863 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-97850 and analytical batch 880-97863 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

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

Client Sample Results

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

Client Sample ID: CS-1

Date Collected: 12/11/24 12:33
Date Received: 12/12/24 12:35

Lab Sample ID: 880-52161-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00202	0.00140	mg/Kg		12/12/24 16:00	12/13/24 12:49	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		12/12/24 16:00	12/13/24 12:49	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		12/12/24 16:00	12/13/24 12:49	1
m-Xylene & p-Xylene	<0.00230	U	0.00403	0.00230	mg/Kg		12/12/24 16:00	12/13/24 12:49	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		12/12/24 16:00	12/13/24 12:49	1
Xylenes, Total	<0.00230	U	0.00403	0.00230	mg/Kg		12/12/24 16:00	12/13/24 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*12/12/24 16:00*	*12/13/24 12:49*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*12/12/24 16:00*	*12/13/24 12:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00403	0.00230	mg/Kg			12/13/24 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**244**		49.9	15.1	mg/Kg			12/16/24 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		12/12/24 09:47	12/16/24 18:38	1
Diesel Range Organics (Over C10-C28)	**244**		49.9	15.1	mg/Kg		12/12/24 09:47	12/16/24 18:38	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		12/12/24 09:47	12/16/24 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*12/12/24 09:47*	*12/16/24 18:38*	*1*
o-Terphenyl	*87*		*70 - 130*	*12/12/24 09:47*	*12/16/24 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127000**		1010	39.9	mg/Kg			12/14/24 15:33	100

Surrogate Summary

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

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)
880-52161-1	CS-1	96	103
890-7466-A-1-A MS	Matrix Spike	102	101
890-7466-A-1-B MSD	Matrix Spike Duplicate	98	102
LCS 880-97774/1-A	Lab Control Sample	99	100
LCSD 880-97774/2-A	Lab Control Sample Dup	100	100
MB 880-97774/5-A	Method Blank	96	95

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)
880-52124-A-26-B MS	Matrix Spike	93	74
880-52124-A-26-C MSD	Matrix Spike Duplicate	94	75
880-52161-1	CS-1	96	87
LCS 880-97706/2-A	Lab Control Sample	122	99
LCSD 880-97706/3-A	Lab Control Sample Dup	116	93
MB 880-97706/1-A	Method Blank	70	63 S1-

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-97774/5-A
Matrix: Solid
Analysis Batch: 97791

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 97774

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/12/24 16:00	12/13/24 11:26	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/12/24 16:00	12/13/24 11:26	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/12/24 16:00	12/13/24 11:26	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/12/24 16:00	12/13/24 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*12/12/24 16:00*	*12/13/24 11:26*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*12/12/24 16:00*	*12/13/24 11:26*	*1*

Lab Sample ID: LCS 880-97774/1-A
Matrix: Solid
Analysis Batch: 97791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1130		mg/Kg		113	70 - 130
Toluene	0.100	0.1106		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2035		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1131		mg/Kg		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-97774/2-A
Matrix: Solid
Analysis Batch: 97791

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 97774

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1211		mg/Kg		121	70 - 130	7	35
Toluene	0.100	0.1176		mg/Kg		118	70 - 130	6	35
Ethylbenzene	0.100	0.1128		mg/Kg		113	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2190		mg/Kg		110	70 - 130	7	35
o-Xylene	0.100	0.1207		mg/Kg		121	70 - 130	7	35

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

Lab Sample ID: 890-7466-A-1-A MS
Matrix: Solid
Analysis Batch: 97791

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 97774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.101	0.1144		mg/Kg		113	70 - 130
Toluene	<0.00200	U	0.101	0.1101		mg/Kg		109	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

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

Lab Sample ID: 890-7466-A-1-A MS
Matrix: Solid
Analysis Batch: 97791

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 97774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00109	U	0.101	0.1051		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00229	U	0.202	0.2012		mg/Kg		100	70 - 130
o-Xylene	<0.00159	U	0.101	0.1097		mg/Kg		109	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-7466-A-1-B MSD
Matrix: Solid
Analysis Batch: 97791

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 97774

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00139	U	0.0998	0.1152		mg/Kg		115	70 - 130	1	35
Toluene	<0.00200	U	0.0998	0.1098		mg/Kg		110	70 - 130	0	35
Ethylbenzene	<0.00109	U	0.0998	0.1041		mg/Kg		104	70 - 130	1	35
m-Xylene & p-Xylene	<0.00229	U	0.200	0.2005		mg/Kg		100	70 - 130	0	35
o-Xylene	<0.00159	U	0.0998	0.1102		mg/Kg		110	70 - 130	1	35

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

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

Lab Sample ID: MB 880-97706/1-A
Matrix: Solid
Analysis Batch: 97954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 97706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		12/12/24 09:47	12/16/24 10:10	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/12/24 09:47	12/16/24 10:10	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/12/24 09:47	12/16/24 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*70*		*70 - 130*	*12/12/24 09:47*	*12/16/24 10:10*	*1*
o-Terphenyl	*63*	*S1-*	*70 - 130*	*12/12/24 09:47*	*12/16/24 10:10*	*1*

Lab Sample ID: LCS 880-97706/2-A
Matrix: Solid
Analysis Batch: 97954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1209		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)	1000	943.1		mg/Kg		94	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

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

Lab Sample ID: LCS 880-97706/2-A
Matrix: Solid
Analysis Batch: 97954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97706

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: LCSD 880-97706/3-A
Matrix: Solid
Analysis Batch: 97954

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 97706

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1177		mg/Kg		118	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	893.0		mg/Kg		89	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-52124-A-26-B MS
Matrix: Solid
Analysis Batch: 97954

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 97706

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	995	901.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<15.1	U F1	995	634.5	F1	mg/Kg		64	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	74		70 - 130

Lab Sample ID: 880-52124-A-26-C MSD
Matrix: Solid
Analysis Batch: 97954

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 97706

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	995	843.3		mg/Kg		85	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<15.1	U F1	995	644.9	F1	mg/Kg		65	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	75		70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-97850/1-A
Matrix: Solid
Analysis Batch: 97863

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			12/14/24 15:17	1

Lab Sample ID: LCS 880-97850/2-A
Matrix: Solid
Analysis Batch: 97863

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.3		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-97850/3-A
Matrix: Solid
Analysis Batch: 97863

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	244.4		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-52161-1 MS
Matrix: Solid
Analysis Batch: 97863

Client Sample ID: CS-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	127000		25300	174900	E 4	mg/Kg		188	90 - 110		

Lab Sample ID: 880-52161-1 MSD
Matrix: Solid
Analysis Batch: 97863

Client Sample ID: CS-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	127000		25300	174900	E 4	mg/Kg		188	90 - 110	0	20

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

GC VOA

Prep Batch: 97774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1	CS-1	Total/NA	Solid	5035	
MB 880-97774/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-97774/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-97774/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7466-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-7466-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 97791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1	CS-1	Total/NA	Solid	8021B	97774
MB 880-97774/5-A	Method Blank	Total/NA	Solid	8021B	97774
LCS 880-97774/1-A	Lab Control Sample	Total/NA	Solid	8021B	97774
LCSD 880-97774/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	97774
890-7466-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	97774
890-7466-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	97774

Analysis Batch: 97860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1	CS-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 97706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1	CS-1	Total/NA	Solid	8015NM Prep	
MB 880-97706/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-97706/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-97706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-52124-A-26-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-52124-A-26-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 97954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1	CS-1	Total/NA	Solid	8015B NM	97706
MB 880-97706/1-A	Method Blank	Total/NA	Solid	8015B NM	97706
LCS 880-97706/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	97706
LCSD 880-97706/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	97706
880-52124-A-26-B MS	Matrix Spike	Total/NA	Solid	8015B NM	97706
880-52124-A-26-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	97706

Analysis Batch: 98058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1	CS-1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 97850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1	CS-1	Soluble	Solid	DI Leach	
MB 880-97850/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-97850/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-97850/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

HPLC/IC (Continued)

Leach Batch: 97850 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1 MS	CS-1	Soluble	Solid	DI Leach	
880-52161-1 MSD	CS-1	Soluble	Solid	DI Leach	

Analysis Batch: 97863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-52161-1	CS-1	Soluble	Solid	300.0	97850
MB 880-97850/1-A	Method Blank	Soluble	Solid	300.0	97850
LCS 880-97850/2-A	Lab Control Sample	Soluble	Solid	300.0	97850
LCSD 880-97850/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	97850
880-52161-1 MS	CS-1	Soluble	Solid	300.0	97850
880-52161-1 MSD	CS-1	Soluble	Solid	300.0	97850

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

Client Sample ID: CS-1

Date Collected: 12/11/24 12:33
Date Received: 12/12/24 12:35

Lab Sample ID: 880-52161-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	97774	12/12/24 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	97791	12/13/24 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			97860	12/13/24 12:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			98058	12/16/24 18:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	97706	12/12/24 09:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	97954	12/16/24 18:38	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	97850	12/13/24 14:11	SA	EET MID
Soluble	Analysis	300.0		100	50 mL	50 mL	97863	12/14/24 15:33	CH	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
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Tetra Tech Inc
Project/Site: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

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: Chevron MCBU

Job ID: 880-52161-1
SDG: SND Pad 429

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-52161-1	CS-1	Solid	12/11/24 12:33	12/12/24 12:35

Analysis Request of Chain of Custody Record

of

12/17/2024

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: Chevron MCBU	**Site Manager:** John Faught
Project Name: SND Pad 429	
Project Location: (county, state) Eddy County, NM	**Project #:** 212C-MD-03278
Invoice to: john.faught1@tetratech.com	
Receiving Laboratory: Eurofins Laboratory	**Sampler Signature:** Matthew Castrejon

Comments:
Email: john.faught1@tetratech.com; russ.weigand@tetratech.com; kimbeebe@chevron.com

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2024 DATE	SAMPLING TIME	MATRIX WATER	MATRIX Cuttings	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride EPA 300	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Method 9095	Hold
	CS-1	12-11-24	1233		X				1		X		X												X				

Relinquished by:	Date: 12-12-24	Time: 0800	Received by: John Faught Date: 12/12/24 Time: 0800
Relinquished by: John Faught	Date: 12/12/24	Time: 1133	Received by: Date: 12/12/24 Time: 1235
Relinquished by:	Date:	Time:	Received by: Date: Time:

LAB USE ONLY
Sample Temperature 2.4/2.5

REMARKS:
- ☐ RUSH: Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-52161-1
SDG Number: SND Pad 429

Login Number: 52161
List Number: 1
Creator: Lee, Randell

List Source: Eurofins Midland

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	

TETRA TECH

Attachment B

C-105 and Plat Plan

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

1. WELL API NO.
30-015-50178, 53371, 50179, 50180

2. Type of Lease
☐ STATE ☐ FEE ☒ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☐ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)

☒ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name Sand Dunes

6. Well Number: Javelina Unit P429 (429H, 430H, 431H, 432H)

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator: Chevron U.S.A. Inc.

9. OGRID: 4323

10. Address of Operator
6301 Deauville Blvd., Midland, Texas 79706

11. Pool name or Wildcat

12.Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released 4/23/2024	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date: 4/23/2024

34. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude 32.236472 Longitude -103.780408 NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature	Printed Name	Title	Date
Loyd Tyler			
E-mail Address Loyd.Tyler@chevron	Loyd Tyler	Field Environmental Advisor	8/13/2025

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from……..……..…to……. No. 3, from……to……..……

No. 2, from……to…… No. 4, from……to…….

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

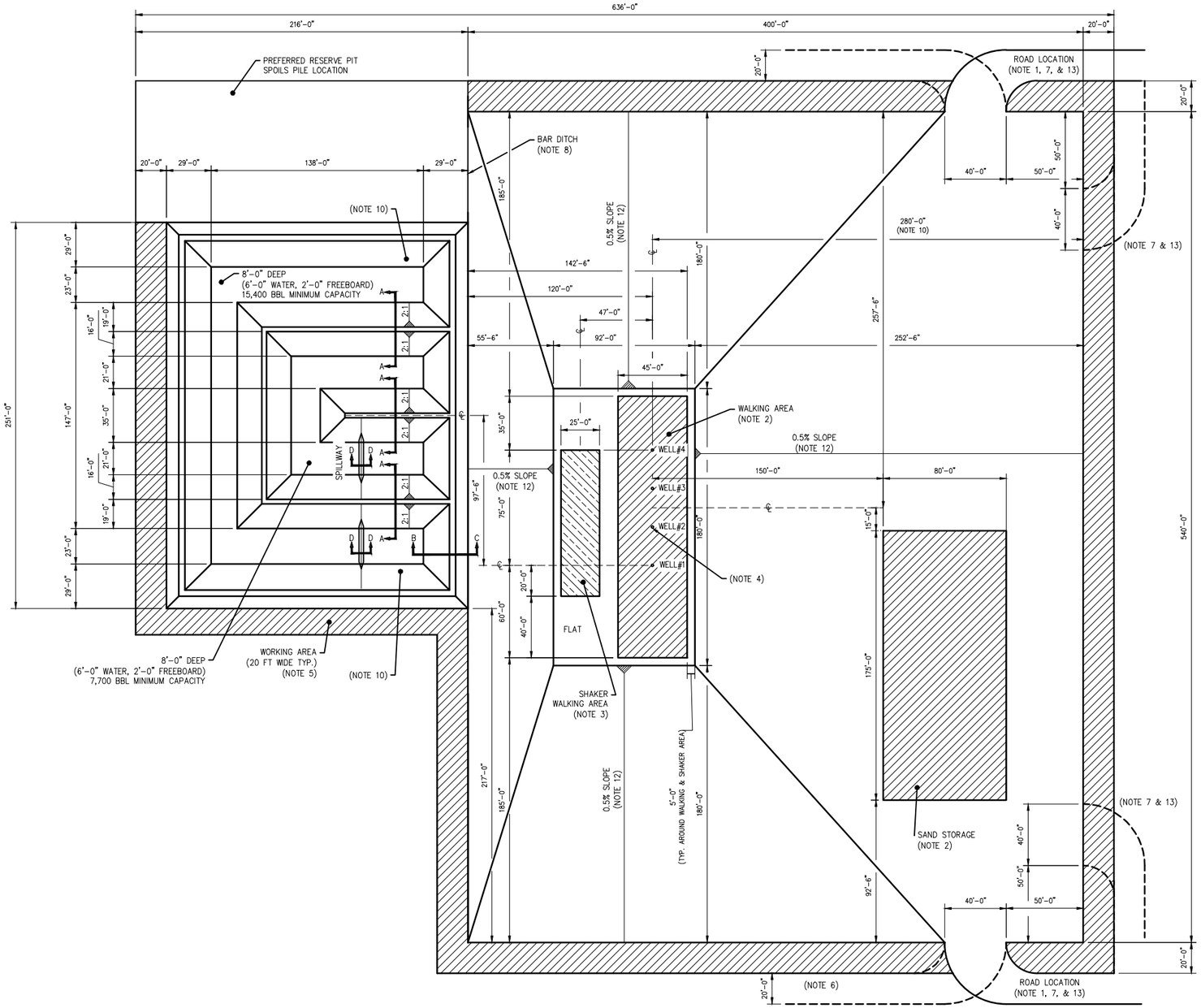
No. 1, from…….to……feet……

No. 2, from…….to……feet……

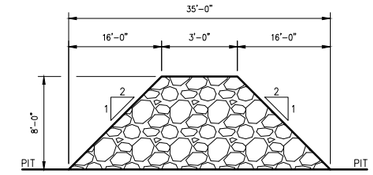
No. 3, from…….to……feet……

LITHOLOGY RECORD (Attach additional sheet if necessary)

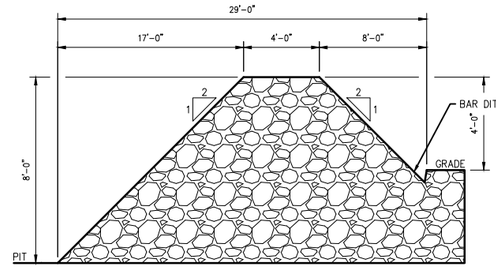
From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology



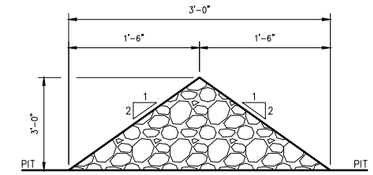
MAGNETIC NORTH



SECTION A–A
NOT TO SCALE



SECTION B–C
NOT TO SCALE



SECTION D–D
NOT TO SCALE

NOTES:
1. PRIMARY PAD ENTRANCE MUST BE ON WEST OR EAST SIDE OF PAD FOR DRILLING LAYOUT.
2. SEE GEO–TECHNICAL INVESTIGATION REPORT FOR COMPACTION RECOMMENDATION. SEE DRILLING MAT LAYOUT FOR DETAILS.
3. SHAKER WALKING AREA IS REQUIRED WHEN USING NABORS M800 SERIES DRILLING RIG.
4. FOR COMPLETIONS GRAVEL LOCATIONS, SEE DWG. FACTSTD–COMGRVL–CIV–PVD–MCB–0001–01.
5. SHADED WORKING AREA IS NOT A PART OF THE PERMITTED PAD. PERMITTED PAD AREA IS 490 FT X 400 FT FOR A 2 WELL PAD.
6. ROAD CAN COME FROM EITHER THE NORTH OR SOUTH DIRECTION DEPENDING ON LEASE ORIENTATION.
7. SECONDARY ACCESS ROAD IS REQUIRED FOR COMPLETIONS DRIVE–THROUGH. SECONDARY ACCESS ROAD CAN BE EITHER ON EAST/WEST EDGE OF PAD OR SOUTH EDGE OF PAD, BUT MUST BE OPPOSITE OF PRIMARY PAD ENTRANCE (REF. NOTE 1) FE MUST CONSULT D&C ADVISOR TO COMPLETE PMOC IF SECONDARY ROAD IS NOT FEASIBLE.
8. 1FT. X 1FT. BAR DITCHING TO BE PROVIDED BETWEEN PAD AND RESERVE PIT, DITCH WILL BE FILLED WITH 1" CLEAN ROCK.
9. 6 LOADS OF ROCK FOR DRILLING TRAILERS & DITCH COM ROCK DROPPED IN NEW CORNER.
10. DIMENSION SOUTH OF THE WELLS CAN BE REDUCED TO 260' IF BASIS OF DESIGN IS CONVENTIONAL FRAC OPERATIONS.
11. PAINT 8' LONG PIT LEVEL MARKERS EVERY 2' FROM THE BOTTOM LABEL BY THE LENGTH OF THE INCLINE FROM THE BOTTOM OF THE PIT.
12. PREDOMINANT DRAINING DIRECTION TO BE FIELD–DETERMINED BASED ON LOCAL TOPOGRAPHY.
13. CROSS SECTIONAL PLANE OF ROAD ENTRANCES TO PAD TO HAVE MAXIMUM SLOPING OF 0.5% (E.G. NO MORE THAN 2.4" OF ELEVATION DROP ALONG THE WIDTH OF A 40FT ENTRANCE.)

80' 40' 0' 20' 40' 60' 80'

SCALE: 1"=40'

REVISIONS

0	APPROVED FOR CONSTRUCTION BASIN DESIGN, DRF 22020 EV 02/10/22	EB	CKHT					

AFC
APPROVED FOR CONSTRUCTION

Chevron U.S.A. Inc.

DELAWARE BASIN – CARLSBAD WEST NM FOT
CARLSBAD WEST NM ALL – LEA COUNTY, NM

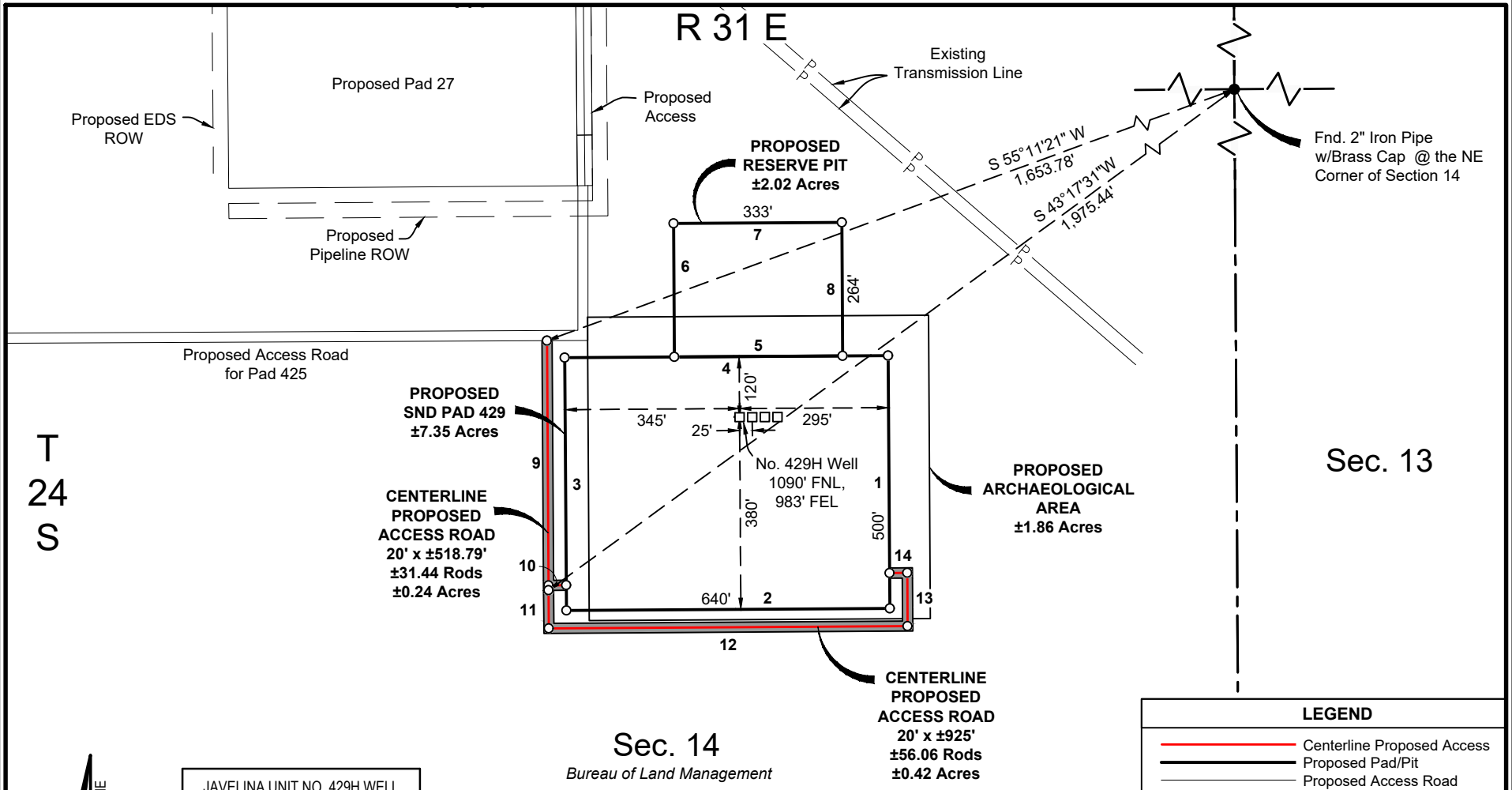
CIVIL – FACTORY STANDARD 4 WELL PAD PLAN – OPEN LOOP

DR. EV
ENG. CKHT

CLWNFMT-ALL-CIV-PVD-MCB-0001-01

0

LEASE NUMBER *
ALTERNATE DWG NUMBER API NUMBER *



JAVELINA UNIT NO. 429H WELL		
X=	682,634'	NAD 27
Y=	444,810'	
LAT.	32.221520° N	
LONG.	103.742762° W	
X=	723,818'	NAD83/2011
Y=	444,869'	
LAT.	32.221643° N	
LONG.	103.743244° W	
ELEV.	+3569'	NAVD88

NAD 27 NEW MEXICO EAST ZONE

Scale: 1" = 300'

300' 0 150' 300'

LEGEND

- Centerline Proposed Access
- Proposed Pad/Pit
- Proposed Access Road
- Proposed/Existing ROW
- Existing Powerline
- Section Line
- Fnd. Monument

FOR THE EXCLUSIVE USE OF CHEVRON U.S.A. INC.
I, Robert L. Lastrapes, Professional Surveyor, do hereby state this plat is true and correct to the best of my knowledge.

ROBERT L. LASTRAPES NEW MEXICO 23006 08/13/2021 PROFESSIONAL SURVEYOR

Robert L. Lastrapes
Registration No. 23006

FENSTERMAKER
C. H. Fenstermaker & Associates, L.L.C.
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

WELL PLAT Page 1 of 2

CHEVRON U.S.A. INC.

PROPOSED PAD, RESERVE PIT AND ACCESS ROADS
JAVELINA UNIT NO. 429H WELL
SECTION 14, T24S-R31E
EDDY COUNTY, NEW MEXICO

	REVISIONS			
DRAWN BY: PBH	#	BY:	DATE:	DESCRIPTION:
PROJ. MGR.: VHV				
DATE: 08/02/2021				
FILENAME: T:\2021\2213504\DWG\Javelina Unit No. 429H_Well Plat.dwg				

NW PAD CORNER			NE PAD CORNER			NW RESERVE PIT CORNER			NE RESERVE PIT CORNER			NW ARCH AREA CORNER			NE ARCH AREA CORNER		
X=	682,288'	NAD 27	X=	682,928'	NAD 27	X=	682,504'	NAD 27	X=	682,837'	NAD 27	X=	682,333'	NAD 27	X=	683,008'	NAD 27
Y=	444,928'		Y=	444,932'		Y=	445,193'		Y=	445,195'		Y=	445,008'		Y=	445,012'	
LAT.	32.221849° N		LAT.	32.221851° N		LAT.	32.222575° N		LAT.	32.222576° N		LAT.	32.222068° N		LAT.	32.222069° N	
LONG.	103.743877° W		LONG.	103.741808° W		LONG.	103.743177° W		LONG.	103.742100° W		LONG.	103.743732° W		LONG.	103.741549° W	
X=	723,472'	NAD83/2011	X=	724,112'	NAD83/2011	X=	723,688'	NAD83/2011	X=	724,021'	NAD83/2011	X=	723,517'	NAD83/2011	X=	724,192'	NAD83/2011
Y=	444,986'		Y=	444,991'		Y=	445,252'		Y=	445,254'		Y=	445,067'		Y=	445,071'	
LAT.	32.221972° N		LAT.	32.221974° N		LAT.	32.222698° N		LAT.	32.222699° N		LAT.	32.222192° N		LAT.	32.222193° N	
LONG.	103.744360° W		LONG.	103.742291° W		LONG.	103.743660° W		LONG.	103.742583° W		LONG.	103.744215° W		LONG.	103.742032° W	
ELEV.	+3,563'	NAVD88	ELEV.	+3,571'	NAVD88	ELEV.	+3,564'	NAVD88	ELEV.	+3,567'	NAVD88	ELEV.	+3,563'	NAVD88	ELEV.	+3,571'	NAVD88
SW PAD CORNER			SE PAD CORNER			SW RESERVE PIT CORNER			SE RESERVE PIT CORNER			SW ARCH AREA CORNER			SE ARCH AREA CORNER		
X=	682,292'	NAD 27	X=	682,932'	NAD 27	X=	682,505'	NAD 27	X=	682,838'	NAD 27	X=	682,336'	NAD 27	X=	683,011'	NAD 27
Y=	444,428'		Y=	444,432'		Y=	444,929'		Y=	444,931'		Y=	444,408'		Y=	444,412'	
LAT.	32.220474° N		LAT.	32.220476° N		LAT.	32.221849° N		LAT.	32.221850° N		LAT.	32.220419° N		LAT.	32.220420° N	
LONG.	103.743876° W		LONG.	103.741806° W		LONG.	103.743176° W		LONG.	103.742099° W		LONG.	103.743731° W		LONG.	103.741548° W	
X=	723,476'	NAD83/2011	X=	724,116'	NAD83/2011	X=	723,689'	NAD83/2011	X=	724,022'	NAD83/2011	X=	723,520'	NAD83/2011	X=	724,195'	NAD83/2011
Y=	444,486'		Y=	444,491'		Y=	444,988'		Y=	444,990'		Y=	444,467'		Y=	444,470'	
LAT.	32.220598° N		LAT.	32.220600° N		LAT.	32.221973° N		LAT.	32.221974° N		LAT.	32.220542° N		LAT.	32.220543° N	
LONG.	103.744359° W		LONG.	103.742289° W		LONG.	103.743659° W		LONG.	103.742582° W		LONG.	103.744214° W		LONG.	103.742031° W	
ELEV.	+3,566'	NAVD88	ELEV.	+3,574'	NAVD88	ELEV.	+3,566'	NAVD88	ELEV.	+3,570'	NAVD88	ELEV.	+3,567'	NAVD88	ELEV.	+3,575'	NAVD88

PROPOSED DRILL PAD		
COURSE	BEARING	DISTANCE
1	S 00° 22' 31" E	500.00'
2	S 89° 37' 29" W	640.00'
3	N 00° 22' 31" W	500.00'
4	N 89° 37' 29" E	640.00'

CENTERLINE PROPOSED ACCESS		
COURSE	BEARING	DISTANCE
9	S 00° 22' 31" E	483.79'
10	N 89° 37' 29" E	35.00'

PROPOSED RESERVE PIT		
COURSE	BEARING	DISTANCE
5	S 89° 37' 29" W	333.00'
6	N 00° 22' 31" W	264.00'
7	N 89° 37' 29" E	333.00'
8	S 00° 22' 31" E	264.00'

CENTERLINE PROPOSED ACCESS		
COURSE	BEARING	DISTANCE
11	S 00° 22' 31" E	75.00'
12	N 89° 37' 29" E	710.00'
13	N 00° 22' 31" W	105.00'
14	S 89° 37' 29" W	35.00'

NOTE:
Please be advised, that while reasonable efforts are made to locate and verify pipelines and anomalies using our standard pipeline locating equipment, it is impossible to be 100 % effective. As such, we advise using caution when performing work as there is a possibility that pipelines and other hazards, such as fiber optic cables, PVC pipelines, etc. may exist undetected on site.

NOTE:
Many states maintain information centers that establish links between those who dig (excavators) and those who own and operate underground facilities (operators). It is advisable and in most states, law, for the contractor to contact the center for assistance in locating and marking underground utilities. For guidance, New Mexico One Call www.nm811.org

DISCLAIMER: At this time, C. H. Fenstermaker & Associates, L.L.C. has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

FOR THE EXCLUSIVE USE OF CHEVRON U.S.A. INC.
I, Robert L. Lastrapes, Professional Surveyor, do hereby state this plat is true and correct to the best of my knowledge.

ROBERT L. LASTRAPES NEW MEXICO 23006 PROFESSIONAL SURVEYOR 08/13/2021

Robert L. Lastrapes
Registration No. 23006

FENSTERMAKER
C. H. Fenstermaker & Associates, L.L.C.
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

WELL PLAT Page 2 of 2

CHEVRON U.S.A. INC.

PROPOSED PAD, RESERVE PIT AND ACCESS ROADS
JAVELINA UNIT NO. 429H WELL
SECTION 14, T24S-R31E
EDDY COUNTY, NEW MEXICO

	REVISIONS			
DRAWN BY: PBH	#	BY:	DATE:	DESCRIPTION:
PROJ. MGR.: VHV				
DATE: 08/02/2021				
FILENAME: T:\2021\2213504\DWG\Javelina Unit No. 429H_Well Plat.dwg				

TETRA TECH

Attachment C

Closure Documentation

TETRA TECH

Soil Backfilling & Cover Installation

Soil backfilling and pit closure activities were completed in accordance with Closure and Site Reclamation Requirements detailed in 19.15.17.13 NMAC and conditions of approval. Photographs are provided on the following pages.

1. The Temporary Pit C-144 application was approved by the NMOCD on May 25, 2022.
2. A five-point composite sample was collected from the Temporary Pit and sent to Eurofins Laboratory in Midland, Texas on December 11, 2024. The sample was analyzed for chloride, TPH, GRO+DRO, benzene, and BTEX. Based on the analytical results, a 3:1 mixing ratio was utilized to meet the in-place closure target concentrations found in Table II of 19.15.17.13 NMAC.
3. An extension request was submitted to the NMOCD on March 14, 2025, due to construction delays.
4. On June 3, 2025, Tetra Tech, Inc. mobilized to the site and collected a composite confirmation sample and paint filter sample. Laboratory results confirmed that the mixed cuttings were below closure target concentrations listed in Table II of 19.15.17.13 and soil stabilization was achieved. A copy of the analytical data is included within this attachment.
5. A 40 mil HDPE liner was then installed in a way that prevents ponding of water and is 8 feet below grade.
6. At least four feet of compacted, uncontaminated, non-waste containing earthen fill were placed above the liner.
7. At least one foot of topsoil was placed over the four feet of compacted material and graded to preserve surface flow patterns and prevent ponding.
8. A steel marker was installed in the center of the former Temporary Pit.
9. The area was reseeded with BLM #2 Seed Mix (Lot # 3426) at a rate of 4.3562 bulk pounds per acre. Additional reseeding and/or weed control measures will be taken, if necessary, upon monitoring activities in 2025 and 2026.
10. Final closure and reclamation activities were completed on July 1, 2025.

Tetra Tech
901 West Wall Street, Suite 100, Midland, TX 79701
Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

March 5, 2025

EMNRD - New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Sante Fe, NM 87505

RE: Chevron Temporary Pit Closure Extension Request
Javelina Unit 429 (429H, 430H, 431H, 432H)
Facility ID: fVV2214455406
BLM Lease #USA NMNM 141882
Section 14, T24S, R31E

To Whom It May Concern:

This submittal serves as notice of an extension request to the New Mexico Oil Conservation Division (NMOCD) regarding the above referenced pit. Chevron respectfully requests a 60-day extension due to scheduling delays caused by the extended closure of another temporary pit which pushed back the planned construction schedule for pit closure of the above referenced pit.

Thank you for your consideration of the requested 60-day extension.

Sincerely,

John Faught, GIT
Project Manager
Tetra Tech, Inc.

Clair Gonzales, PG
Operations Manager
Tetra Tech, Inc.

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

Form C-144
Revised October 11, 2022

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Below grade tank registration
- ☐ Permit of a pit or proposed alternative method
- ☐ Closure of a pit, below-grade tank, or proposed alternative method
- ☑ Modification to an existing permit/or registration
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Chevron USA, Inc. OGRID #: 4323
Address: 6301 Deauville Blvd., Midland, TX 79706
Facility or well name: Javelina Unit 429 (429H, 430H, 431H, 432H)
API Number: 30-015-50178, 53371, 50179, 50180 OCD Permit Number: FacilityID: fVV2214455406
U/L or Qtr/Qtr B Section 9 Township 24S Range 31E County: Eddy
Center of Proposed Design: Latitude 32.236472 Longitude -103.780408 NAD83
Surface Owner: ☑ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☑ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☑ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☑ no
☑ Lined ☐ Unlined Liner type: Thickness 40 mil ☐ LLDPE ☑ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☑ Welded ☐ Factory ☐ Other _____ Volume: 1x15,400, 1 x7,700 bbl Dimensions: L 251' x W 196' x D 8'

3.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: _____bbl Type of fluid: _____
Tank Construction material: _____
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☐ Other _____

4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
☑ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☐ Alternate. Please specify_____

6.

Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☑ Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☑ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. 60-day extension requested in letter attached

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☐ No ☑ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☑ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☑ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☑ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☑ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☑ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☑ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☑ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☑ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☑ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☑ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☑ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method:
- ☐ Waste Excavation and Removal
- ☐ Waste Removal (Closed-loop systems only)
- ☑ On-site Closure Method (Only for temporary pits and closed-loop systems)
  - ☑ In-place Burial ☐ On-site Trench Burial
- ☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☑ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☑ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☑ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☑ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☑ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☑ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☑ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☑ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☑ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☑ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☑ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☑ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☑ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☑ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☑ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☑ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☑ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☑ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): Kim Beebe Title: Waste Advisor

Signature: Kim Beebe Date: 3/5/2025

e-mail address: kimbeebe@chevron.com Telephone: 313-606-9561

18.
OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: _____ **Approval Date:** _____

Title: _____ **OCD Permit Number:** _____

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☐ **Closure Completion Date:** _____

20.
Closure Method:

☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)
☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☐ Plot Plan (for on-site closures and temporary pits)
- ☐ Confirmation Sampling Analytical Results (if applicable)
- ☐ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number
- ☐ Soil Backfilling and Cover Installation
- ☐ Re-vegetation Application Rates and Seeding Technique
- ☐ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude _____ Longitude _____ NAD: ☐ 1927 ☐ 1983

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): _____ Title: _____

Signature:_____ Date: _____

e-mail address:_____ Telephone: _____

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/9/2025 3:39:35 PM

JOB DESCRIPTION

SND Pad 429
Eddy County, NM

JOB NUMBER

880-58920-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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
6/9/2025 3:39:35 PM

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

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Laboratory Job ID: 880-58920-1
SDG: Eddy County, NM

Table of Contents

Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58920-1
SDG: Eddy County, NM

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
%R	Percent Recovery
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"
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
PRES	Presumptive
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
Project: SND Pad 429

Job ID: 880-58920-1

Job ID: 880-58920-1 Eurofins Midland

Job Narrative
880-58920-1

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 sample was received on 6/3/2025 4:23 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

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

Client Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58920-1
SDG: Eddy County, NM

Client Sample ID: Paint Filter

Lab Sample ID: 880-58920-1
Matrix: Solid
Date Collected: 06/03/25 12:40
Date Received: 06/03/25 16:23

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Paint Filter (SW846 9095B)	PASS				No Unit			06/09/25 14:06	1

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58920-1
SDG: Eddy County, NM

Method: 9095B - Paint Filter (Presence/Absence)

Lab Sample ID: MB 860-241186/1
Matrix: Solid
Analysis Batch: 241186

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Paint Filter	PASS				No Unit			06/09/25 14:06	1

Lab Sample ID: 880-58920-1 DU
Matrix: Solid
Analysis Batch: 241186

Client Sample ID: Paint Filter
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Paint Filter	PASS			PASS		No Unit				NC	20

QC Association Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58920-1
SDG: Eddy County, NM

General Chemistry

Analysis Batch: 241186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58920-1	Paint Filter	Total/NA	Solid	9095B	
MB 860-241186/1	Method Blank	Total/NA	Solid	9095B	
880-58920-1 DU	Paint Filter	Total/NA	Solid	9095B	

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58920-1
SDG: Eddy County, NM

Client Sample ID: Paint Filter

Date Collected: 06/03/25 12:40
Date Received: 06/03/25 16:23

Lab Sample ID: 880-58920-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9095B		1			241186	06/09/25 14:06	MK	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58920-1
SDG: Eddy County, NM

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	07-01-26

Method Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58920-1
SDG: Eddy County, NM

Method	Method Description	Protocol	Laboratory
9095B	Paint Filter (Presence/Absence)	SW846	EET HOU

Protocol References:

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58920-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-58920-1	Paint Filter	Solid	06/03/25 12:40	06/03/25 16:23

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland,Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

880-58920 Chain of Custody

Client Name:	Chevron MCBU	**Site Manager:**	John Faught
Project Name:	SND Pad 429		
Project Location: (county, state)	Eddy County, NM	**Project #:**	212C-MD-03278
Invoice to:	john.faught1@tetratech.com		
Receiving Laboratory:	Eurofins Laboratory	**Sampler Signature:**	Matthew Castrejon

Comments:
Email: john.faught1@tetratech.com; russ.weigand@tetratech.com; kimbeebe@chevron.com

QUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2025 DATE	SAMPLING TIME	MATRIX WATER	MATRIX Cuttings	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride EPA 300	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Method 9095 Paint Filter			Hold
	Paint Filter	1240	6-3		X				2																				X			

Relinquished by:	Date: 6-3-25	Time:	Received by:	Date: 6/3/25	Time: 1023
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time: 3.2/3.1

LAB USE ONLY

Sample Temperature: 30.5/30.4

REMARKS:

- ☐ **RUSH:** Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer Jessica	Carrier Tracking No(s): N/A	COC No: 880-13647 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-58920-1
Address: 4145 Greenbriar Dr	Due Date Requested: 6/9/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: SND Pad 429	Project #: 88002067			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9095B_PA	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Paint Filter (880-58920-1)	6/3/25	12:40 Central	G	Solid			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: DS	Date/Time: 6/5	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-58920-1
SDG Number: Eddy County, NM

Login Number: 58920
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 06/05/25 12:19 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
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.	True	
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").	True	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/6/2025 2:44:19 PM

JOB DESCRIPTION

SND Pad 429
Eddy County, NM

JOB NUMBER

880-58921-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

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
6/6/2025 2:44:19 PM

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

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Laboratory Job ID: 880-58921-1
SDG: Eddy County, NM

Table of Contents

Definitions/Glossary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	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
%R	Percent Recovery
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"
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
PRES	Presumptive
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
Project: SND Pad 429

Job ID: 880-58921-1

Job ID: 880-58921-1 Eurofins Midland

Job Narrative
880-58921-1

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 sample was received on 6/3/2025 4:23 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-111501 and analytical batch 880-111564 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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 for preparation batch 880-111509 and analytical batch 880-111525 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

Client Sample ID: CS-1

Date Collected: 06/03/25 13:35
Date Received: 06/03/25 16:23

Lab Sample ID: 880-58921-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		06/05/25 09:07	06/05/25 13:46	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		06/05/25 09:07	06/05/25 13:46	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		06/05/25 09:07	06/05/25 13:46	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		06/05/25 09:07	06/05/25 13:46	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		06/05/25 09:07	06/05/25 13:46	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		06/05/25 09:07	06/05/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*06/05/25 09:07*	*06/05/25 13:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*06/05/25 09:07*	*06/05/25 13:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			06/05/25 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**39.7**	**J**	50.0	15.1	mg/Kg			06/05/25 13:36	1

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

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		06/04/25 12:24	06/05/25 13:36	1
Diesel Range Organics (Over C10-C28)	**39.7**	**J**	50.0	15.1	mg/Kg		06/04/25 12:24	06/05/25 13:36	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/04/25 12:24	06/05/25 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*06/04/25 12:24*	*06/05/25 13:36*	*1*
o-Terphenyl	*94*		*70 - 130*	*06/04/25 12:24*	*06/05/25 13:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12600**	**F1**	202	7.98	mg/Kg			06/04/25 20:55	20

Surrogate Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
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)
880-58921-1	CS-1	91	98
880-58981-A-1-C MS	Matrix Spike	121	87
880-58981-A-1-D MSD	Matrix Spike Duplicate	97	104
LCS 880-111560/1-A	Lab Control Sample	94	99
LCSD 880-111560/2-A	Lab Control Sample Dup	110	104
MB 880-111560/5-A	Method Blank	88	96

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)
880-58921-1	CS-1	96	94
890-8263-A-1-C MS	Matrix Spike	120	121
890-8263-A-1-D MSD	Matrix Spike Duplicate	122	109
LCS 880-111501/2-A	Lab Control Sample	87	90
LCSD 880-111501/3-A	Lab Control Sample Dup	90	92
MB 880-111501/1-A	Method Blank	128	122

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-111560/5-A
Matrix: Solid
Analysis Batch: 111550

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 111560

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		06/05/25 09:07	06/05/25 11:00	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		06/05/25 09:07	06/05/25 11:00	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		06/05/25 09:07	06/05/25 11:00	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		06/05/25 09:07	06/05/25 11:00	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		06/05/25 09:07	06/05/25 11:00	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		06/05/25 09:07	06/05/25 11:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*06/05/25 09:07*	*06/05/25 11:00*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*06/05/25 09:07*	*06/05/25 11:00*	*1*

Lab Sample ID: LCS 880-111560/1-A
Matrix: Solid
Analysis Batch: 111550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111560

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09696		mg/Kg		97	70 - 130
Toluene	0.100	0.08616		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08768		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1689		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08150		mg/Kg		81	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-111560/2-A
Matrix: Solid
Analysis Batch: 111550

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111560

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1042		mg/Kg		104	70 - 130	7	35
Toluene	0.100	0.09497		mg/Kg		95	70 - 130	10	35
Ethylbenzene	0.100	0.1094		mg/Kg		109	70 - 130	22	35
m-Xylene & p-Xylene	0.200	0.2107		mg/Kg		105	70 - 130	22	35
o-Xylene	0.100	0.1014		mg/Kg		101	70 - 130	22	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-58981-A-1-C MS
Matrix: Solid
Analysis Batch: 111550

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 111560

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.100	0.1000		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

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

Lab Sample ID: 880-58981-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 111550 — **Prep Batch: 111560**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00109	U	0.100	0.1218		mg/Kg		122	70 - 130
m-Xylene & p-Xylene	<0.00228	U	0.200	0.2287		mg/Kg		114	70 - 130
o-Xylene	<0.00158	U	0.100	0.1114		mg/Kg		111	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: 880-58981-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 111550 — **Prep Batch: 111560**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00139	U	0.100	0.1019		mg/Kg		102	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08989		mg/Kg		90	70 - 130	12	35
Ethylbenzene	<0.00109	U	0.100	0.08898		mg/Kg		89	70 - 130	31	35
m-Xylene & p-Xylene	<0.00228	U	0.200	0.1721		mg/Kg		86	70 - 130	28	35
o-Xylene	<0.00158	U	0.100	0.08277		mg/Kg		83	70 - 130	30	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

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

Lab Sample ID: MB 880-111501/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 111564 — **Prep Batch: 111501**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		06/04/25 12:24	06/05/25 04:09	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		06/04/25 12:24	06/05/25 04:09	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		06/04/25 12:24	06/05/25 04:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*06/04/25 12:24*	*06/05/25 04:09*	*1*
o-Terphenyl	*122*		*70 - 130*	*06/04/25 12:24*	*06/05/25 04:09*	*1*

Lab Sample ID: LCS 880-111501/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 111564 — **Prep Batch: 111501**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	811.2		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	875.0		mg/Kg		88	70 - 130

Eurofins Midland

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

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

Lab Sample ID: LCS 880-111501/2-A
Matrix: Solid
Analysis Batch: 111564

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 111501

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: LCSD 880-111501/3-A
Matrix: Solid
Analysis Batch: 111564

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 111501

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	831.5		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	906.0		mg/Kg		91	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: 890-8263-A-1-C MS
Matrix: Solid
Analysis Batch: 111564

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 111501

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U F1	999	765.8		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	22.8	J	999	888.1		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	121		70 - 130

Lab Sample ID: 890-8263-A-1-D MSD
Matrix: Solid
Analysis Batch: 111564

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 111501

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<14.5	U F1	999	673.7	F1	mg/Kg		67	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	22.8	J	999	737.8		mg/Kg		72	70 - 130	18	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	109		70 - 130

QC Sample Results

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-111509/1-A
Matrix: Solid
Analysis Batch: 111525

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			06/04/25 20:33	1

Lab Sample ID: LCS 880-111509/2-A
Matrix: Solid
Analysis Batch: 111525

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	268.7		mg/Kg		107	90 - 110		

Lab Sample ID: LCSD 880-111509/3-A
Matrix: Solid
Analysis Batch: 111525

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	254.4		mg/Kg		102	90 - 110	5	20

Lab Sample ID: 880-58921-1 MS
Matrix: Solid
Analysis Batch: 111525

Client Sample ID: CS-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	12600	F1	5050	18420	F1	mg/Kg		116	90 - 110		

Lab Sample ID: 880-58921-1 MSD
Matrix: Solid
Analysis Batch: 111525

Client Sample ID: CS-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12600	F1	5050	18030		mg/Kg		108	90 - 110	2	20

QC Association Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

GC VOA

Analysis Batch: 111550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1	CS-1	Total/NA	Solid	8021B	111560
MB 880-111560/5-A	Method Blank	Total/NA	Solid	8021B	111560
LCS 880-111560/1-A	Lab Control Sample	Total/NA	Solid	8021B	111560
LCSD 880-111560/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	111560
880-58981-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	111560
880-58981-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	111560

Prep Batch: 111560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1	CS-1	Total/NA	Solid	5035	
MB 880-111560/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-111560/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-111560/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-58981-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-58981-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 111649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1	CS-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 111501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1	CS-1	Total/NA	Solid	8015NM Prep	
MB 880-111501/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-111501/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-111501/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8263-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8263-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 111564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1	CS-1	Total/NA	Solid	8015B NM	111501
MB 880-111501/1-A	Method Blank	Total/NA	Solid	8015B NM	111501
LCS 880-111501/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	111501
LCSD 880-111501/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	111501
890-8263-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	111501
890-8263-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	111501

Analysis Batch: 111694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1	CS-1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 111509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1	CS-1	Soluble	Solid	DI Leach	
MB 880-111509/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-111509/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-111509/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

HPLC/IC (Continued)

Leach Batch: 111509 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1 MS	CS-1	Soluble	Solid	DI Leach	
880-58921-1 MSD	CS-1	Soluble	Solid	DI Leach	

Analysis Batch: 111525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-58921-1	CS-1	Soluble	Solid	300.0	111509
MB 880-111509/1-A	Method Blank	Soluble	Solid	300.0	111509
LCS 880-111509/2-A	Lab Control Sample	Soluble	Solid	300.0	111509
LCSD 880-111509/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	111509
880-58921-1 MS	CS-1	Soluble	Solid	300.0	111509
880-58921-1 MSD	CS-1	Soluble	Solid	300.0	111509

Lab Chronicle

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

Client Sample ID: CS-1

Date Collected: 06/03/25 13:35
Date Received: 06/03/25 16:23

Lab Sample ID: 880-58921-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	111560	06/05/25 09:07	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	111550	06/05/25 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			111649	06/05/25 13:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			111694	06/05/25 13:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	111501	06/04/25 12:24	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	111564	06/05/25 13:36	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	111509	06/04/25 13:05	SI	EET MID
Soluble	Analysis	300.0		20			111525	06/04/25 20:55	CH	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
Project/Site: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Tetra Tech Inc
Project/Site: SND Pad 429

Job ID: 880-58921-1
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: SND Pad 429

Job ID: 880-58921-1
SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-58921-1	CS-1	Solid	06/03/25 13:35	06/03/25 16:23

Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

880-58921 Chain of Custody

Client Name: Chevron MCBU	Site Manager: John Faught
Project Name: SND Pad 429	
Project Location: (county, state) Eddy County, NM	Project #: 212C-MD-03278
Invoice to: john.faught1@tetratech.com	
Receiving Laboratory: Eurofins Laboratory	Sampler Signature: Matthew Castrejon
Comments: Email: john.faught1@tetratech.com; russ.weigand@tetratech.com; kimbeebe@chevron.com	

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING YEAR: 2025 DATE	SAMPLING TIME	MATRIX WATER	MATRIX Cuttings	PRESERVATIVE METHOD HCL	PRESERVATIVE METHOD HNO_3	PRESERVATIVE METHOD ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO - MRO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride EPA 300	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Method 9095			Hold
	CS-1	6-3	1835		X				1		X		X												X							

Relinquished by:	Date: 6-3-25	Time:	Received by:
Relinquished by:	Date:	Time:	Received by: Date: 6/3/25 Time: 1023
Relinquished by:	Date:	Time:	Received by: Date: Time: 32/3.1

LAB USE ONLY

Sample Temperature 30.1 / 30.0

REMARKS:

- ☐ RUSH: Same Day 24 hr 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #:

ORIGINAL COPY

Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-58921-1
SDG Number: Eddy County, NM

Login Number: 58921
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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	

Login Sample Receipt Checklist

Client: Tetra Tech Inc

Job Number: 880-58920-1
SDG Number: Eddy County, NM

Login Number: 58920
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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	

Photographic Log

Javelina Unit P429 (429H, 430H, 431H, 432H)

Photo 1: Overview of liner installation.

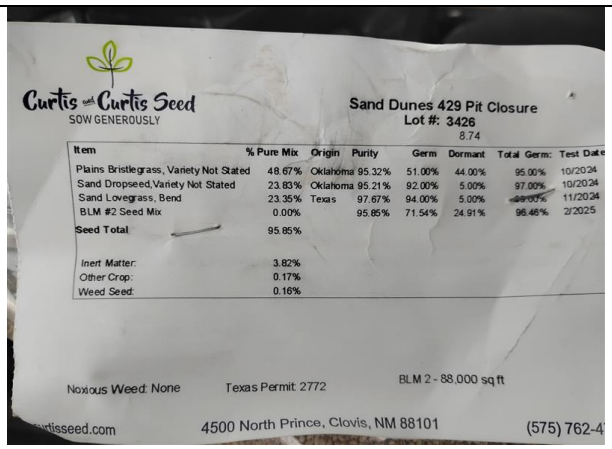

Photo 2: Overview of BLM #2 seed mix used at the Site.

Photo 3: Overview of pit sign.

Page No.	Client:	Site Name:	
1 of 1	Chevron MCBU	Javelina Unit P429	TETRA TECH

TETRA TECH

Attachment D

Updated C-144

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

Form C-144
Revised October 11, 2022

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application

Type of action:
- ☐ Below grade tank registration
- ☐ Permit of a pit or proposed alternative method
- ☑ Closure of a pit, below-grade tank, or proposed alternative method
- ☐ Modification to an existing permit/or registration
- ☐ Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: Chevron USA, Inc. OGRID #: 4323
Address: 6301 Deauville Blvd., Midland, TX 79706
Facility or well name: Javelina Unit P429 (429H, 430H, 431H, 432H)
API Number: 30-015-50178, 53371, 50179, 50180 OCD Permit Number: fVV2214455406
U/L or Qtr/Qtr A Section 14 Township 24S Range 31E County: Eddy
Center of Proposed Design: Latitude 32.22234 Longitude -103.74312 NAD83
Surface Owner: ☑ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.
☑ **Pit:** Subsection F, G or J of 19.15.17.11 NMAC
Temporary: ☑ Drilling ☐ Workover
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low Chloride Drilling Fluid ☐ yes ☐ no
☑ Lined ☐ Unlined Liner type: Thickness 40 mil ☐ LLDPE ☑ HDPE ☐ PVC ☐ Other _____
☐ String-Reinforced
Liner Seams: ☑ Welded ☐ Factory ☐ Other _____ Volume: 1x15,000 1x7,700 bbl Dimensions: L 251 x W 196 x D 8

3.
☐ **Below-grade tank:** Subsection I of 19.15.17.11 NMAC
Volume: _____bbl Type of fluid: _____
Tank Construction material: _____
☐ Secondary containment with leak detection ☐ Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other _____
Liner type: Thickness _____mil ☐ HDPE ☐ PVC ☐ Other _____

4.
☐ **Alternative Method:**
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC *(Applies to permanent pits, temporary pits, and below-grade tanks)*
☐ Chain link, six feet in height, two strands of barbed wire at top *(Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)*
☑ Four foot height, four strands of barbed wire evenly spaced between one and four feet
☐ Alternate. Please specify_____

6.

Netting: Subsection E of 19.15.17.11 NMAC *(Applies to permanent pits and permanent open top tanks)*

☐ Screen ☐ Netting ☐ Other_____

☐ Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

☑ Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.

☐ Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. **Siting criteria does not apply to drying pads or above-grade tanks.**

General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - ☐ NM Office of the State Engineer - iWATERS database search; ☐ USGS; ☐ Data obtained from nearby wells	☐ Yes ☐ No ☑ NA
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit . NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☑ No ☐ NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)** - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☑ No
Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)** - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☑ No
Within an unstable area. **(Does not apply to below grade tanks)** - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☑ No
Within a 100-year floodplain. **(Does not apply to below grade tanks)** - FEMA map	☐ Yes ☑ No
Below Grade Tanks	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

Within 100 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

☐ Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
☐ A List of wells with approved application for permit to drill associated with the pit.
☐ Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
☐ Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

☐ Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- ☐ Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Climatological Factors Assessment
- ☐ Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Quality Control/Quality Assurance Construction and Installation Plan
- ☐ Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- ☐ Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Nuisance or Hazardous Odors, including H_2S, Prevention Plan
- ☐ Emergency Response Plan
- ☐ Oil Field Waste Stream Characterization
- ☐ Monitoring and Inspection Plan
- ☐ Erosion Control Plan
- ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.
Proposed Closure: 19.15.17.13 NMAC
Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type: ☑ Drilling ☐ Workover ☐ Emergency ☐ Cavitation ☐ P&A ☐ Permanent Pit ☐ Below-grade Tank ☐ Multi-well Fluid Management Pit ☐ Alternative

Proposed Closure Method:
- ☐ Waste Excavation and Removal
- ☐ Waste Removal (Closed-loop systems only)
- ☑ On-site Closure Method (Only for temporary pits and closed-loop systems)
  - ☑ In-place Burial ☐ On-site Trench Burial
- ☐ Alternative Closure Method

14.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC
Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☑ No ☐ NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☑ No ☐ NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☑ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☑ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☑ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☑ No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☑ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☑ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	☐ Yes ☑ No
Within a 100-year floodplain. - FEMA map	☐ Yes ☑ No

16.
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) ***Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- ☐ Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- ☐ Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- ☐ Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- ☐ Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.
Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.
OCD Approval: ☐ Permit Application (including closure plan) ☐ Closure Plan (only) ☐ OCD Conditions (see attachment)

OCD Representative Signature: Joel Stone **Approval Date:** 08/22/2025

Title: Senior Environmental Scientist **OCD Permit Number:** Temp Pit #1

19.
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

☑ **Closure Completion Date:** July 1, 2025

20.
Closure Method:

☐ Waste Excavation and Removal ☑ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-loop systems only)

☐ If different from approved plan, please explain.

21.
Closure Report Attachment Checklist: ***Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.***

- ☐ Proof of Closure Notice (surface owner and division)
- ☐ Proof of Deed Notice (required for on-site closure for private land only)
- ☑ Plot Plan (for on-site closures and temporary pits)
- ☑ Confirmation Sampling Analytical Results (if applicable)
- ☑ Waste Material Sampling Analytical Results (required for on-site closure)
- ☐ Disposal Facility Name and Permit Number
- ☑ Soil Backfilling and Cover Installation
- ☑ Re-vegetation Application Rates and Seeding Technique
- ☑ Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 32.22234 Longitude -103.74312 NAD: ☐ 1927 ☑ 1983

22.

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Loyd Tyler Title: Field Environmental Advisor

Signature: Loyd Tyler Date: 8/13/2025

e-mail address: loyd.tyler@chevron.com Telephone: 432-701-8163

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 497607
	Action Type: [C-144] Temporary Pit Plan (C-144T)

CONDITIONS

Created By	Condition	Condition Date
joel.stone	None	8/22/2025