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

QUESTIONS

Action 583340

QUESTIONS

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 583340
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2612633178**
Incident Name	**NAPP2612633178 STATE MX #001 @ 30-025-28164**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Received**
Incident Well	**[30-025-28164] STATE MX #001**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	State MX #001
Date Release Discovered	03/24/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Normal Operations | Tank (Any) | Crude Oil | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Normal Operations | Tank (Any) | Produced Water | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Released discovered during P&A activities.

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QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 583340
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Daniel Motisi Title: Environmental Geologist Email: dmotisi@kpk.com Date: 05/11/2026

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

QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 583340
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 300 and 500 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

CONDITIONS

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 583340
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/12/2026

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	K.P. KAUFFMAN COMPANY, IN	Ticket #:	700-1593621
Customer #:	CRI3448	Bid #:	Walk-in Bid
Ordered by:	MOISES CORZA	Date:	7/19/2024
AFE #:		Generator:	K.P. KAUFFMAN COMPANY, I
PO #:		Generator #:	
Manifest #:	HW-7026046	Well Ser. #:	28164L
Manif. Date:	7/19/2024	Well Name:	STATE MX
Hauler:	K.P. KAUFFMAN COMPANY, IN	Well #:	001
Driver	MOISES	Field:	
Truck #	104	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Moises Gorza
Phone No.

GENERATOR

NO. HW-7036046

Generator Manifest # KP. Kauffman
Generator Name KP. Kauffman well Serv. of N. Mex.
Address 11413 U.S. Hwy 82
City, State, Zip Artesia NM 88210
Phone No. 575-748-1352

Location of Origin Lease/Well Name & No. Pillas ST MX # 1
County Eddy
API No.
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Waste Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids		INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Tank Bottoms		Truck Washout (exempt waste)	YES NO	QUANTITY TOP SOIL CALICHE
E&P Contaminated Soil	20			
Gas Plant Waste				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☒ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY 20 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Moises Corza
(PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE

TRANSPORTER

Transporter's Name KAUFFMAN W. SER. OF N. MEXICO
Address 11413 U.S. HWY 82
Phone No. 575-748-1352
Transporter Ticket #

Driver's Name Moises Corza
Print Name Moises Corza
Phone No. 575-703-6943
Truck No. 104

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

7-12-24 Moises Corza 7-12-24 Moises Corza
SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 2X

Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220
Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

Moises Corza 7/19/24 N/A
NAME (PRINT) DATE TITLE SIGNATURE

C-138

White- Facility ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	K.P. KAUFFMAN COMPANY, IN	Ticket #:	700-1595226
Customer #:	CRI3448	Bid #:	Walk-in Bid
Ordered by:	MOISES CORZA	Date:	7/23/2024
AFE #:		Generator:	K.P. KAUFFMAN COMPANY, II
PO #:		Generator #:	
Manifest #:	HW-7026003	Well Ser. #:	28164L
Manif. Date:	7/23/2024	Well Name:	STATE MX
Hauler:	K.P. KAUFFMAN COMPANY, IN	Well #:	001
Driver	ARMANDO	Field:	
Truck #	104	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	20.00	yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Moises Cerda
Phone No. 575-703-6743

GENERATOR

NO. HW-7[illegible]6003

Generator Manifest # K.P Kauffman
Location of Origin Lease/Well Name & No. Pimas St MX #001
Generator Name KD Kauffman Well Services
Address 11413 US Hwy 82
City, State, Zip Artesia NMEX 88210
Phone No. 575-748-1352
County Lea
API No. 30-025-28164
Rig Name & No.
AFE/PO No. 1186.01.1

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Waste Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids		INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Tank Bottoms		Truck Washout (exempt waste)	YES / NO	QUANTITY / TOP SOIL / CALICHE
E&P Contaminated Soil	✓			
Gas Plant Waste				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID ☒ YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Armando Rey — (PRINT) AUTHORIZED AGENTS SIGNATURE
7/23/24 — DATE
[signature] — SIGNATURE

TRANSPORTER

Transporter's Name KD Kauffman Well Services of N.M.
Address 11413 US Hwy 82
Phone No. 575 NE 1352
Transporter Ticket #
Driver's Name [signature]
Print Name Armando Rey
Phone No.
Truck No. 1064

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

7/23/24 — SHIPMENT DATE
[signature] — DRIVER'S SIGNATURE
7/23/24 — DELIVERY DATE
[signature] — DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: _____ OUT: _____

RECEIVING AREA
Name/No. 8

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-887-6504**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one) ACCEPTED DENIED If denied, why?

[illegible] — NAME (PRINT)
7/23/24 — DATE
[illegible] — TITLE
[signature] — SIGNATURE

C-138 [illegible]NAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold-RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	K.P. KAUFFMAN COMPANY, IN	Ticket #:	700-1595344
Customer #:	CRI3448	Bid #:	Walk-in Bid
Ordered by:	MOISES GARZA	Date:	7/23/2024
AFE #:		Generator:	K.P. KAUFFMAN COMPANY, I
PO #:		Generator #:	
Manifest #:	HW-7026047	Well Ser. #:	28164L
Manif. Date:	7/23/2024	Well Name:	STATE MX
Hauler:	K.P. KAUFFMAN COMPANY, IN	Well #:	001
Driver	ARMANDO	Field:	
Truck #	104	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Moises Cerda
Phone No. (575) 703-6443

GENERATOR

NO. HW-7[illegible]047

Generator Manifest # K. P. Kauffman
Generator Name K.P. Kauffman well services of N.M.
Address 11413 US HWY 82
City, State, Zip Artesia, NM 88210
Phone No. 575-748-1352

Location of Origin
Lease/Well Name & No. State MX #001
County Lea County
API No. 30-025-25164
Rig Name & No.
AFE/PO No. 1106-01-1

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Waste Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids		INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Tank Bottoms		Truck Washout (exempt waste)	YES NO	QUANTITY TOP SOIL CALICHE
E&P Contaminated Soil	✓			
Gas Plant Waste				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Armando Ren — (PRINT) AUTHORIZED AGENTS SIGNATURE
7/23/24 — DATE
[signature] — SIGNATURE

TRANSPORTER

Transporter's Name K.P. Kauffman Well Services of NM
Address 11413 US HWY 82
Phone No. (575) 748-1352
Transporter Ticket #

Driver's Name [signature]
Print Name Armando Ren
Phone No.
Truck No. 104

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

7/23/24 — SHIPMENT DATE
[signature] — DRIVER'S SIGNATURE
7/23/24 — DELIVERY DATE
[signature] — DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP
IN: _____ OUT: _____

RECEIVING AREA
Name/No. [illegible]

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-887-6504**

NORM READINGS TAKEN? (Circle One) YES (NO) If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES (NO)

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)
Free Water		
Total Received		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

[illegible] — NAME (PRINT)
[illegible] — DATE
[illegible] — TITLE
[signature] — SIGNATURE

White- ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240I Rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	K.P. KAUFFMAN COMPANY, IN	Ticket #:	700-1593071
Customer #:	CRI3448	Bid #:	Walk-in Bid
Ordered by:	MOISES GARZA	Date:	7/18/2024
AFE #:		Generator:	K.P. KAUFFMAN COMPANY, II
PO #:		Generator #:	
Manifest #:	HW-7026002	Well Ser. #:	28164L
Manif. Date:	7/18/2024	Well Name:	STATE MX
Hauler:	K.P. KAUFFMAN COMPANY, IN	Well #:	001
Driver	ARMANDO	Field:	
Truck #	0104	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	10.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Moises Corza
Phone No. 575-703-6443

GENERATOR

NO. HW-7[illegible]6002

Generator Manifest # K.P. Kauffman
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin Lease/Well
Name & No. State MX #001
County Lea county
API No. 30-025-28114
Rig Name & No.
AFE/PO No. 1106-01-1

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	
Oil Based Cuttings		Washout Water (Non-Injectable)	
Waste Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		OTHER EXEMPT E&P WASTE STREAMS	
E&P Contaminated Soil	✓		
Gas Plant Waste		INTERNAL USE ONLY	
		Truck Washout (exempt waste) YES NO	
		TOP SOIL & CALICHE SALES	
		QUANTITY	TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 10 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 7/18/24 DATE | SIGNATURE

TRANSPORTER

Transporter's Name K.P. Kauffman
Address 11413 Lovington Hwy
Phone No.
Transporter Ticket #

Driver's Name Armando Ruiz
Print Name
Phone No. 505-390-5796
Truck No. #6104

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE
7/18/24	7/18/24	7/18/24	

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 18

Site Name/Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-887-6504**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | 7/18 DATE | TITLE | SIGNATURE

C-138

ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	K.P. KAUFFMAN COMPANY, IN	Ticket #:	700-1593122
Customer #:	CRI3448	Bid #:	Walk-in Bid
Ordered by:	MOISES CORZA	Date:	7/18/2024
AFE #:		Generator:	K.P. KAUFFMAN COMPANY, I
PO #:		Generator #:	
Manifest #:	HW-7026001	Well Ser. #:	28164L
Manif. Date:	7/18/2024	Well Name:	STATE MX
Hauler:	K.P. KAUFFMAN COMPANY, IN	Well #:	001
Driver	ARMANDO	Field:	
Truck #	104	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	10.00	yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A021V66 7/18/2024 11:53:09AM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Moises Corza
Phone No. 575-703-6443

GENERATOR

NO. HW-7096001

Generator Manifest # K P. KauFFman

Generator Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. State MX #001
County Lea County
API No. 30-025-28164
Rig Name & No. N/A
AFE/PO No. 1106-01-1

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds		NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings		Washout Water (Non-Injectable)	
Waste Based Muds		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings		Produced Water (Non-Injectable)	
Produced Formation Solids		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	✓	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE
Gas Plant Waste			

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 10 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 7/18/24 DATE | SIGNATURE

TRANSPORTER

Transporter's Name K.P. KauFFman
Address 11413 Lovington Hwy
Phone No. (575) 701-1552
Transporter Ticket #

Driver's Name
Print Name Ramon Rey
Phone No.
Truck No. #104

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

7/18/24 SHIPMENT DATE | DRIVER'S SIGNATURE | 7/18/24 DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: OUT:

RECEIVING AREA Name/No. 8

Site Name/Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-887-6504**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT) | 7/18 DATE | TITLE | SIGNATURE

C-138 ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	K.P. KAUFFMAN COMPANY, IN	Ticket #:	700-1593182
Customer #:	CRI3448	Bid #:	Walk-in Bid
Ordered by:	MOISES GORZA	Date:	7/18/2024
AFE #:		Generator:	K.P. KAUFFMAN COMPANY, I
PO #:		Generator #:	
Manifest #:	HW-7026004	Well Ser. #:	28164L
Manif. Date:	7/18/2024	Well Name:	STATE MX
Hauler:	K.P. KAUFFMAN COMPANY, IN	Well #:	001
Driver	ARMANDO	Field:	
Truck #	104	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	LEA (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	10.00	yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A021V8H 7/18/2024 1:37:14PM

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Mikes Corza
Phone No. 575-703-6443

GENERATOR

NO. HW-7[illegible]6004

Generator Manifest # K. P. Kauffman
Generator Name
Address
City, State, Zip
Phone No.

Location of Origin
Lease/Well Name & No. State MX #001
County Lea County
API No. 30-025-28164
Rig Name & No. NJ 19
AFE/PO No. 1106-01-1

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Waste Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids				
Tank Bottoms				
E&P Contaminated Soil	✓	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Gas Plant Waste		Truck Washout (exempt waste)	YES NO	QUANTITY TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 10 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE | 7/18/24 DATE | SIGNATURE

TRANSPORTER

Transporter's Name K. P. Kauffman
Address
Phone No.
Transporter Ticket #

Driver's Name
Print Name Armando CFY
Phone No.
Truck No. #104

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

7/18/24 SHIPMENT DATE | DRIVER'S SIGNATURE | 7/18/24 DELIVERY DATE | DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: OUT:

DISPOSAL FACILITY

RECEIVING AREA Name/No. 78

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-887-6504**

NORM READINGS TAKEN? (Circle One) YES NO
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

[illegible] NAME (PRINT) | 7/18 DATE | TITLE | SIGNATURE

C-138

NAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

R360 ENVIRONMENTAL SOLUTIONS

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man Contact Information
Name Moises Calza
Phone No. 575-703-4443

GENERATOR

NO. HW-7[illegible]6048

Generator Manifest # K.P. Kauffman well services of N.Mex
Generator Name K.P. Kauffman well services of N.Mex
Address 11413 us HWY 82
City, State, Zip Artesia NM 88210
Phone No. 575-748-1352

Location of Origin Lease/Well Name & No. Pimas State MX #001
County Lea county
API No. 30-025-[illegible]6164
Rig Name & No.
AFE/PO No. 1106-01-1

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds		Washout Water (Non-Injectable)		Billy Dump.
Oil Based Cuttings		Completion Fluid/Flow Back (Non-Injectable)		
Waste Based Muds		Produced Water (Non-Injectable)		
Water Based Cuttings		Gathering Line Water/Waste (Non-Injectable)		
Produced Formation Solids		INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Tank Bottoms		Truck Washout (exempt waste)	YES NO	QUANTITY TOP SOIL CALICHE
E&P Contaminated Soil	V			
Gas Plant Waste				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity.

Non-Exempt Other _____ *please select from **Non-Exempt Waste List** on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 20 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☑ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

Armando Ruiz | 7/23/24 | [signature]
(PRINT) AUTHORIZED AGENTS SIGNATURE | DATE | SIGNATURE

TRANSPORTER

Transporter's Name K.P. Kauffman well services of NM
Address 11413 us HWY 82
Phone No. 575-748-1352
Transporter Ticket #

Driver's Name [signature]
Print Name Armando Ruiz
Phone No.
Truck No. 104

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

7/23/24 | [signature] | 7/23/24 | [signature]
SHIPMENT DATE | DRIVER'S SIGNATURE | DELIVERY DATE | DRIVER'S SIGNATURE

DISPOSAL FACILITY

TRUCK TIME STAMP IN: _____ OUT: _____

RECEIVING AREA Name/No. [illegible]

Site Name/ Permit No. **Halfway Facility / NM1-006**
Address **6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220**
Phone No. **575-887-6504**

NORM READINGS TAKEN? (Circle One) YES (NO)
If YES, was reading > 50 micro roentgents? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

[illegible] | 7/23 | OIC | [signature]
NAME (PRINT) | DATE | TITLE | SIGNATURE

C-138

White- ORIGINAL Yellow- TRANSPORTER COPY Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

308.R360-5240LE rev 08/23

26A-01769

Remediation Workplan

State MX 001

NMOCD Incident: nAPP2612633178

NMSLO Lease/ROW: VC1088-0001

NMSLO ROE: RE-8046

Coordinates: 32.6660969 -103.4514271

Prepared for:

K. P. Kauffman Company, Inc.

Prepared by:

Vertex Resource Services Inc.

Date:

July 2026

Remediation Workplan
State MX #001

On behalf of:
K. P. Kauffman Company, Inc.
1700 Lincoln Street, Suite 4550
Denver, CO 80203

Prepared for:
New Mexico Oil Conservation Division
506 West Texas Avenue
Artesia, New Mexico 88210

Prepared by:
Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, New Mexico 88220

Andrew Parker, MGIS
Project Manager, REPORT REVIEW

July 14, 2026
Date

Executive Summary

Vertex Resource Services Inc. (Vertex) submits this Remediation Workplan for the State MX #001 (hereafter referred to as "Site") on behalf of K. P. Kauffman Company, Inc. This workplan is intended to satisfy reporting requirements for the New Mexico Oil and Gas Conservation Division (NMOCD).

The State MX #1 well was plugged and abandoned in October/November 2023. During well P&A operations and tank battery decommissioning impacted soils were observed. Initial excavation of impacted material around the wellhead and tank battery area began in January 2024. Limited excavation also occurred around the former heater treater/separator at the southwest corner of the production site.

Excavation of impacted material resumed in March 2025. Soil samples were submitted for laboratory testing on March 4, 2025. Seven of the thirteen soil samples exceeded the most stringent closure criteria concentrations for TPH and/or Chloride per Table 1 of 19.15.29 NMAC. On July 29, 2025; nine additional soil samples were collected within select areas of interest. Three of the nine samples exceeded the most stringent closure criteria for Chloride. TPH was below laboratory detection levels.

K. P. Kauffman Company, Inc. retained Vertex on March 17, 2026 to submit a remediation plan and move the open regulatory file toward closure. A right-of-entry permit was obtained followed by a cultural survey, an on-site biological survey, and an electromagnetic survey (EM Survey). SLO-ECO requested that K.P. Kauffman submit a notification of release to the NMOCD as excavated material to-date exceeds 10 cubic yards. A C-141 was filed at NMOCD on May 11, 2026 as a legacy release of unknown volume. NMOCD Incident number is nAPP2612633178.

Review of the previous delineation sampling and evaluation of the EM survey, proposed remedial actions include:

1. Further delineate identified areas of interest.
2. Dig-haul-dispose impacted soils to approved closure criteria concentrations per this workplan.
3. Reclaim the former production site, lease access road, and remediate areas to pastureland.

Table of Contents

In-text Tables

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1.0 Introduction

Vertex Resource Services Inc. (Vertex) submits this Remediation Workplan for the State MX #001 (hereafter referred to as "Site") on behalf of K. P. Kauffman Company, Inc. This Workplan discusses actions conducted to date and proposes remedial actions for NMOCD Incident Number nAPP2612633178. Relevant correspondence is presented in Appendix F.

2.0 Background

2.1 Access

The Site is located directly south of County Road 43 adjacent to highway 62/180, approximately 50 miles east of Carlsbad, NM on Highway 62/180, as well as approximately 22 miles west of Hobbs, NM. Figure 1 shows the Site relative to lease and ROE boundaries.

Lease Holder: Coterra Energy Operating Co.
SLO Lease/ROW: VC1088-0001
SLO ROE: RE-8046
Unit Letter D. Section 15, Township 19 South, Range 35 East.
Lea County New Mexico
Latitude, Longitude: 32.666031, -103.451439

The Site can be accessed from the intersection of Highway 62/180 and County Road 43 (Pearl Valley Road) by heading west for 0.32 miles. Turn south on the caliche lease access road. Proceed for 0.1 miles south to the former production site.

2.2 Site Description

The Site is a former oil and gas production pad (Figure 2). Immediately north of the Site is a closed legacy pit with saline levels indicative of very "slightly saline" soils as measured by the EM Survey. The plugged and abandoned State MX #001 wellhead is located on the north side of the former production pad, with the tank battery and heater treater/separator area formerly situated on the southern and southwest edge, respectively. Surface is owned by State Trust Lands. Surface and subsurface minerals are owned by the State Land Office.

The Site is situated in nearly level to gently undulating plains with scattered playa depressions, dominated by honey mesquite, side oats grama, purple three awn, with surrounding buffalo grass and broom snakeweed.

2.3 Cultural Resources Compliance

On May 12, 2026, a cultural survey report was completed by APAC, a contract archeological firm. Appendix A contains Page 1 of the cultural survey report referenced by NMCRIS Activity Number 161196. Ground disturbing actions will not require a cultural monitor to be present.

Any remedial activities requiring additional new surface disturbance extending past the cultural survey extent or any cultural properties be encountered during the course of the remedial activities, appropriate measures will be taken in accordance with State regulations, including immediate cessation of work and notification to NMSLO's ECO division.

2.4 Ecological Setting

The Site is situated in the Arid Llano Estacado Level IV 24b Ecoregion (Griffith et al., 2006). This ecoregion is characterized as having the following natural vegetation: grama, buffalo, and dropseed grasses; mesquite, saltbush, and sagebrush shrubs.

The Site is within the Quaternary-Piedmont Alluvial land complex (Plate 1, Appendix B) and classified as "Not prime farmland". The Quaternary-Piedmont Alluvial land complex typical soil profile consists of:

- H1 – 0 to 3 inches: gravelly loam
- H2 – 3 to 10 inches: loam
- H3 – 10 to 16 inches: cemented material
- H4 – 16 to 80 inches: cemented material

With a depth to restrictive layer at more than 80 inches.

Mean annual air temperature is between 57 and 63 °F. Mean annual precipitation is between 14 to 16 inches and the frost-free period is between 180 and 220 days.

2.5 Biological Compliance

Review of critical habitats identified two (2) potentially affected species and no critical habitats. The biological desktop review and on-site biological survey report is included in Appendix D.

Critical habitats reviewed include:

- Birds
- Fishes
- Insects
- Refuge Lands
- Fish Hatcheries
- Wetlands

The on-site biological survey concludes the survey area is unlikely to support the Northern Aplomado Falcon (*F. femoralis septentrionalis*) and Monarch butterflies (*D. plexippus*). No active bird nests nor raptors were observed during the survey.

While no critical habitat was identified in the desktop review and the on-site biological survey, remedial actions will proceed with caution in order to avoid potential impacts to threatened or proposed threatened species including but not limited to the Northern Aplomado Falcon and Monarch Butterfly. Worth notable mention is the Lesser Prairie Chicken habitat which is 2.2 miles to the southwest of the Site.

In the event that any special status species are encountered during remedial activities, appropriate measures will be implemented. These measures will include immediate cessation of work in the affected area, consultation with a

qualified biologist, and coordination with NMSLO and relevant environmental agencies to determine the necessary protection and mitigation strategies.

2.6 Open Environmental Incident Search

Incident nAPP2612633178 is the subject of this remediation plan and assigned to the Site according to NMOCD Incidents and Spill search. The Notice of Release (NOR) identifies an oil release during plugging and abandoning activities. Below is a list of key incident events listed on the NMOCD portal.

03.24.2025. Release discovered by the operator.
05.06.2026. New incident created by the operator, upon the submission of notification of release.
05.06.2026. The (05/06/2026, NOR) application [582156] was assigned to this incident.
05.08.2026. The (05/12/2026, C-141) application [583340] was assigned to this incident.
05.12.2026. An application [583340] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event.
05.12.2026. The (05/12/2026, C-141) application [583340] was accepted by OCD. The operator was emailed with details of this event.

3.0 Site Evaluation

Vertex performed an initial site assessment of the former production pad and legacy pit on May 27, 2026. The Site has been decommissioned. Oil field equipment and supporting infrastructure has been removed off-site for proper disposal. The overhead powerlines and associated power poles will be decommissioned back to the nearest “T” trunk line during remedial activities.

The focus of the site visit was to conduct an Electromagnetic Survey (EM Survey) to measure soil salinity as well as visually inspect the current condition of previous consultant’s remedial activity. Figure 3 through 6 shows historical satellite imagery from 1996 through 2017 that identifies areas of interest (AOI) for the associated image year.

The on-site assessment identified:

- An existing caliche pad and lease access road used for prior oil and gas operations.
- Partial excavation of impacted material around plugged wellhead.
- Partial excavation of impacted material in proximity of the former tank battery area.
- Limited vegetation and pit liner protruding to surface in the legacy pit area.
- Spoil pile from previous remedial activities located near the southern edge of the former production site.
- Surface impairment from a suspect legacy release on south side of former tank battery extending southeast into pasture.

3.1 Characterization Requirements

Closure Criteria determination is summarized in Table A and visualized on Plates 2 through 9 (Appendix B). The site is within an area where depth-to-ground water is < 50 feet below ground surface (bgs), therefore the strictest closure criteria per Table 1 of 19.15.29 NMAC will be followed.

3.1.1 Depth-to-Water Determination

A commercial well was used to determine that groundwater is less than 50 feet bgs. The well is identified on Plate 2 as L-04763, located 309 feet southwest of the Site. Depth-to-water was measured at 20 feet below ground surface at the completion of the water well on May 5, 1962. Well logs are reproduced in Appendix C.

3.1.2 Closure Criteria

Closure Criteria per Table 1 of 19.15.29 NMAC and 19.15.29.13 A-D is defined as:

Table 1. Closure Criteria for Soils

Depth-to-Water < 50 feet.	Constituent	Limit
Remediation Criteria.	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	GRO+DRO	--
	BTEX	50 mg/kg
	Benzene	10 mg/kg

3.2 Soil Characterization

There are five (5) Areas of Interest (AOI):

1. Legacy Pit and south of the former tank battery. 1996 Google Earth Aerial Image (Figure 3).
2. Around the wellhead and north and adjacent to the tank battery. 2010 Google Earth Image (Figure 4).
3. Around the wellhead extending southeast and near the west edge of production pad. 2014 Google Earth Image (Figure 5).
4. Around the wellhead extending southeast and around the former heater treater/separator. 2017 Google Earth Image (Figure 6)
5. Southwest of the wellhead curving to the southeast toward the tank battery. See Section 3.2.2.

Prior consultant soil sampling identified soil salinity (chloride) as the primary constituent of concern. Select samples were analyzed for Benzene, BTEX, TPH, and Chloride salts. Table B is a summary of analytical reproduced from soil characterization data collected by Resolution Consultants LLC. Figure 7 shows characterization soil sample locations, reproduced from the Resolution Consultants LLC reports. Sample points are symbolized on whether they meet or exceed closure criteria concentrations. Laboratory Certificates of Analyses and Chain of Custody forms are reproduced in Appendix G.

3.2.1 Characterization Soil Sampling

The 2025 characterization soil sampling by previous consultants includes on-site soil samples, with one off-pad sample (SS-08), as well as a mix of discrete and composite samples collected at depth within the excavation around the wellhead and beneath the former tank battery. Laboratory results for samples SS-1, 3, and 8 show exceedances for chlorides at 1-foot bgs. SS-6 (2 feet bgs) and SS-7 (1 foot bgs) collected beneath the former tank battery are below criteria for both chlorides and TPH.

Discrete samples were collected from the wellhead excavation walls at depths of 0.5 and 4 feet in each cardinal direction. Composite samples were then collected between 4-12 feet bgs below these discrete intervals. 10 of 22 samples exceed closure criteria.

3.2.2 EM Survey Results

An EM Survey measures soil salinity as Apparent Electrical Conductivity (ECa). Using a conversion factor, ECa is converted to Effective Electrical Conductivity (ECe) for cross-refence to the NRCS Salinity Classes, defined as:

NRCS Field Guide Salinity Class	Effective Electrical Conductivity (dS/m)
Nonsaline	<2
Very Slightly Saline	2 - 4
Slightly Saline	4 - 8
Moderately Saline	8 - 16
Strongly Saline	>16

ECe measurements from EM Surveys were compared to soil chloride laboratory results. Evaluation of the data shows that an ECe >2 dS/m correlates with a chloride concentration > 600 mg/kg.

A Geonics EM31 was used for the EM Survey. The EM31 measures soil salinity from the surface to a depth of approximately 18-feet. The greatest instrument sensitivity reading in the horizonal position is near the surface with a total exploration depth of 9 feet. The 2 dS/m ECe isocontour closely correlates with the AOI's in the Google Earth aerial imagery. Figure 8 shows soil salinity (ECe) with the instrument in the horizontal position.

4.0 Remediation Work Plan

For the purpose of this document and to conform to SLO-ECO nomenclature, soil suitability is defined as:

- Suitable Soils – soils that meet closure Criteria concentrations and consists of compositions that support vegetative growth (i.e. topsoil).
- Unsuitable Soils – soils that exceed Closure Criteria.
- Undesirable Soils – soils that meet Closure Criteria and consists of caliche, gypsum, limestone or compositions that inhibit vegetation growth.

4.1 Remediation

Excavation of unsuitable soils within the AOIs and current excavation extent (Figure 7) will continue until soil confirmation samples meet closure criteria. Excavation will extend horizontally and vertically until all base and wall samples meet closure criteria. Five-point composite confirmation samples will be obtained from base and wall areas where excavation occurs; not exceeding an area of 200 sq. ft per composite sample. Soil samples will be analyzed for benzene, BTEX, chloride, and TPH per Table 1 of 19.15.29 NMAC. Upon laboratory confirmation that soil concentrations meet Closure Criteria, the excavation area will be reclaimed as pastureland according to 19.15.29.13 A-E NMAC.

To meet Closure Criteria requirements, it is anticipated that excavation will occur to an average depth of 5.75 feet. Approximately 12,257 (=53,064 sq ft x 5.75 ft/27) cubic yards of impacted material will be removed from the site and transported to an approved disposal facility.

Remediation will meet the most stringent Closure Criteria per Table 1 of 19.15.29 NMAC. All backfill material will be sampled and analyzed for benzene, BTEX, chloride, and TPH. Backfill material will meet the most stringent Closure Criteria listed in Table 1 of 19.15.29 NMAC. Final reclamation will commence after remedial activities. A Remediation and Reclamation Report will be submitted to NMOCD following the completion of proposed activities.

5.0 Proposed Schedule

- July 2026 – Remediation Plan approved by OCD.
- August 2026 – Execution of remediation as proposed above.
- September 2026 – Remediation and Reclamation Closure plan to OCD.
- 1 ½ to 2 years – Final Reclamation Closure Report.

6.0 References

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United States Fish and Wildlife Service, Ecological Services Program. (2025). *IPaC: Information for Planning and Consultation*. Retrieved from https://ipac.ecosphere.fws.gov/location/index

7.0 Limitations

This report has been prepared for the sole benefit of K. P. Kauffman Company. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and the New Mexico State Land Office, without the express written consent of Vertex Resource Services Inc. (Vertex) and K. P. Kauffman Company. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

Tables

Location: State MX 01
Incident ID: nAPP2612633178
Lat/Long: 32.6660969, -103.4514271
Unit/Township/Range/Section: UL D; T19S.R35E.15

Table 1. Site Characterization (19.15.29 NMAC)	Criteria	Map
What is the shallowest depth to groundwater (ft bgs)	<50	Plate 2
What measure was used to determine this?	OSE	
Did this release impact ground or surface water?	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
• A continuously flowing watercourse or any other significant watercourse.	Intermittent Stream 1,078 feet SW	Plate 3
• Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark).	1,182 feet SE (Playa Lake)	Plate 3
• An occupied permanent residence, school, hospital, institution or church.	1.11 miles NW	Plate 5
• A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes.	0.47 miles ESE L-08793	Plate 2/4
• Any other fresh water well or spring.	400 feet E. L-04763	Plate 2/4
• Incorporated municipal boundaries or a defined municipal fresh water well field.	4.2 miles N.	
• A wetland.	Lake/Pond/Emerging freshwater wetland 1,100 ft SE of location; Riverine 1161 ft WSW of location	Plate 6
• A subsurface mine.	9.36 miles to the SW	Plate 7
• A (non-karst) unstable area.		
• Categorize the risk of this well/site being in a karst geology.	Low. Area of medium Karst is 14.83 miles SW	Plate 8
• A 100-year floodplain.	13.9 miles E of location	Plate 9
Did the release impact areas not on an exploration, development, production, or storage site?	Yes	

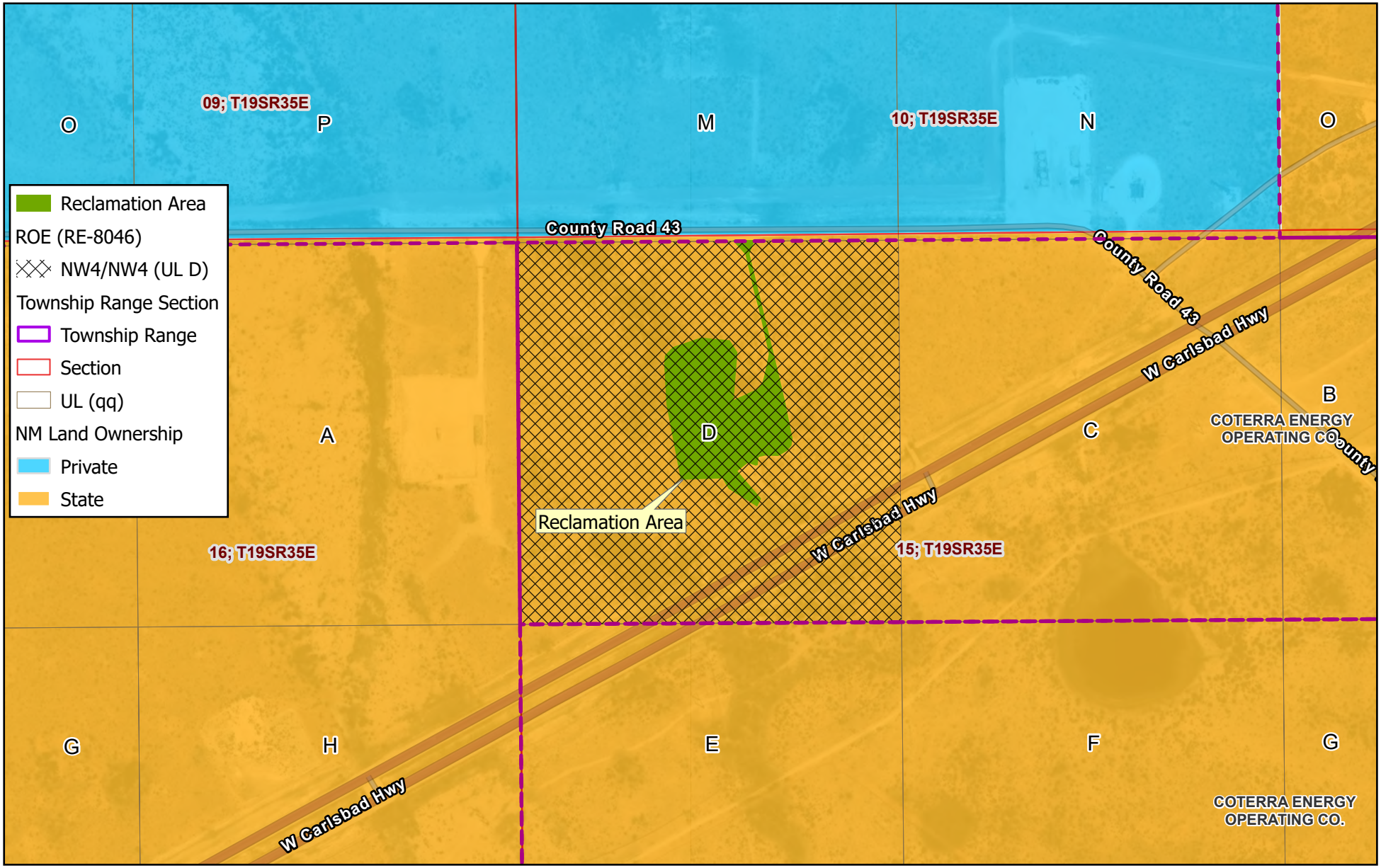
State MX #1
K.P. Kauffman Company, Inc.
Soil Analytical Results

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NA	NA	NA	1,000	2,500	10,000
EAST DISCRETE @ 0.5'	03/04/2025	0.5	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50	<50.0	22
EAST DISCRETE @ 4'	03/04/2025	4	<0.00198	0.0142	<49.8	<49.8	<49.8	<49.8	<49.8	104
EAST WALL	03/04/2025	4-12	<0.00199	<0.00398	<49.8	268	<49.8	268	268	403
FLOOR	03/04/2025	12	<0.00202	<0.00404	<49.7	591	<49.7	591	591	861
NORTH DISCRETE @ 0.5'	03/04/2025	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	906
NORTH DISCRETE @ 4'	03/04/2025	4	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	1,430
NORTH WALL	03/04/2025	4-12	<0.00198	0.0145	<50.0	<50.0	<50.0	<50.0	<50.0	154
SOUTH DISCRETE @ 0.5'	03/04/2025	0.5	<0.00198	<0.00396	<49.8	104	<49.8	104	104	978
SOUTH DISCRETE @ 4'	03/04/2025	4	<0.00200	<0.00399	<49.9	165	<49.9	165	165	743
SOUTH WALL	03/04/2025	4-12	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	165
WEST DISCRETE @ 0.5'	03/04/2025	0.5	<0.00199	<0.00398	<50.0	120	<50.0	120	120	1,380
WEST DISCRETE @ 4'	03/04/2025	4	<0.00199	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	428
WEST WALL	03/04/2025	4-12	<0.00200	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	167
SS-1	7/29/2025	1	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	1,610
SS-2	7/29/2025	1	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	52
SS-3	7/29/2025	1	<0.00202	<0.00403	<49.9	<49.9	<49.9	<50.0	<50.0	1,300
SS-4	7/29/2025	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	56
SS-5	7/29/2025	1	<.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	196
SS-6	7/29/2025	2	<.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<50.0	21
SS-7	7/29/2025	1	<.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	49
SS-8	7/29/2025	1	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	2,090
SS-9	7/29/2025	1	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	150

**Note

- NA = not applicable
- bgs = below ground surface
- < = less than the stated laboratory method detection limit
- mg/L = milligrams per liter
- BTEX = Benzene, Toluene, Ethylbenzene, and Xylene
- TPH = Total Petroleum Hydrocarbons
- GRO = Gasoline Range Organics
- DRO = Diesel Range Organics
- ORO = Oil Range Organics

Figures



VERTEX

0 200 400 US Feet

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.665948°N, 103.451819°W

Date: Jul 12/26

N

Right of Entry Extent
State MX #001

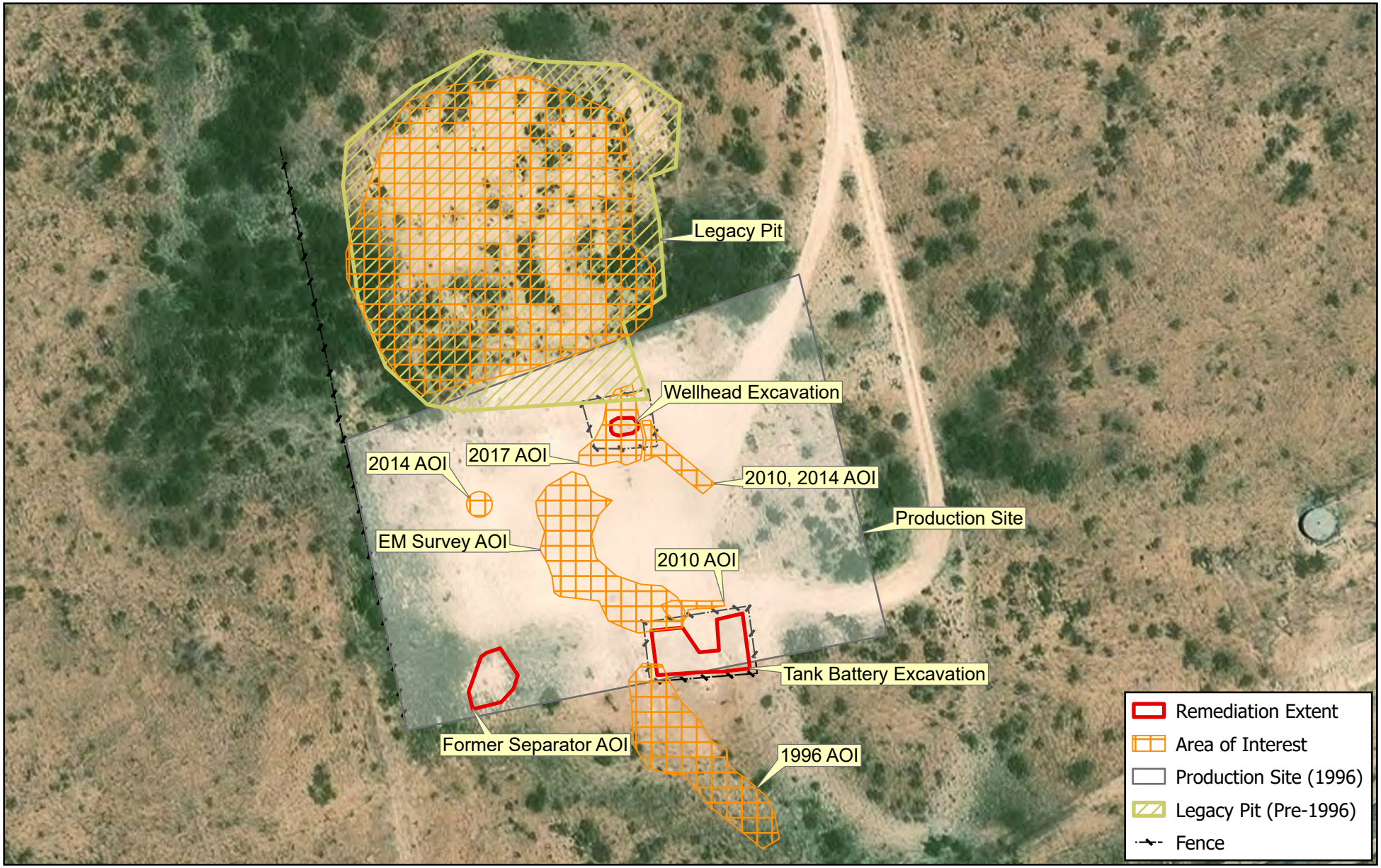
FIGURE: 1

K.P. KAUFFMAN

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

0 50 100 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.666084°N, 103.451266°W

Date: Jul 12/26

N

Site Map
Image Source: ESRI 05/25/2025
State MX #001

FIGURE:
2

K.P. KAUFFMAN

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VERSATILITY. EXPERTISE.

VERTEX

0 50 100 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.666084°N, 103.451266°W

Date: Jul 13/26

N

Area of Interest Identified on 1996 Aerial Image
Image Source: Google Earth 09/18/1996
State MX #001

FIGURE:
3

K.P. KAUFFMAN

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Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.

VERTEX

0 50 100 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.666181°N, 103.451311°W

Date: Jul 13/26

N

Area of Interest Identified on 2010 Aerial Image
Image Source: Google Earth 06/16/2010
State MX #001

FIGURE:
4

K.P. KAUFFMAN

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Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

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VERTEX

Map Center:
Lat/Long: 32.666157°N, 103.451317°W

0 50 100 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Jul 13/26

N

Area of Interest Identified on 2014 Aerial Image
Image Source: Google Earth 02/13/2014
State MX #001

FIGURE: **5**

K.P. KAUFFMAN

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Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.

VERTEX

0 50 100 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.666138°N, 103.45127°W

Date: Jul 13/26

N

Area of Interest Identified on 2017 Aerial Image
Image Source: Google Earth 02/01/2017
State MX #001

FIGURE:
6

K.P. KAUFFMAN

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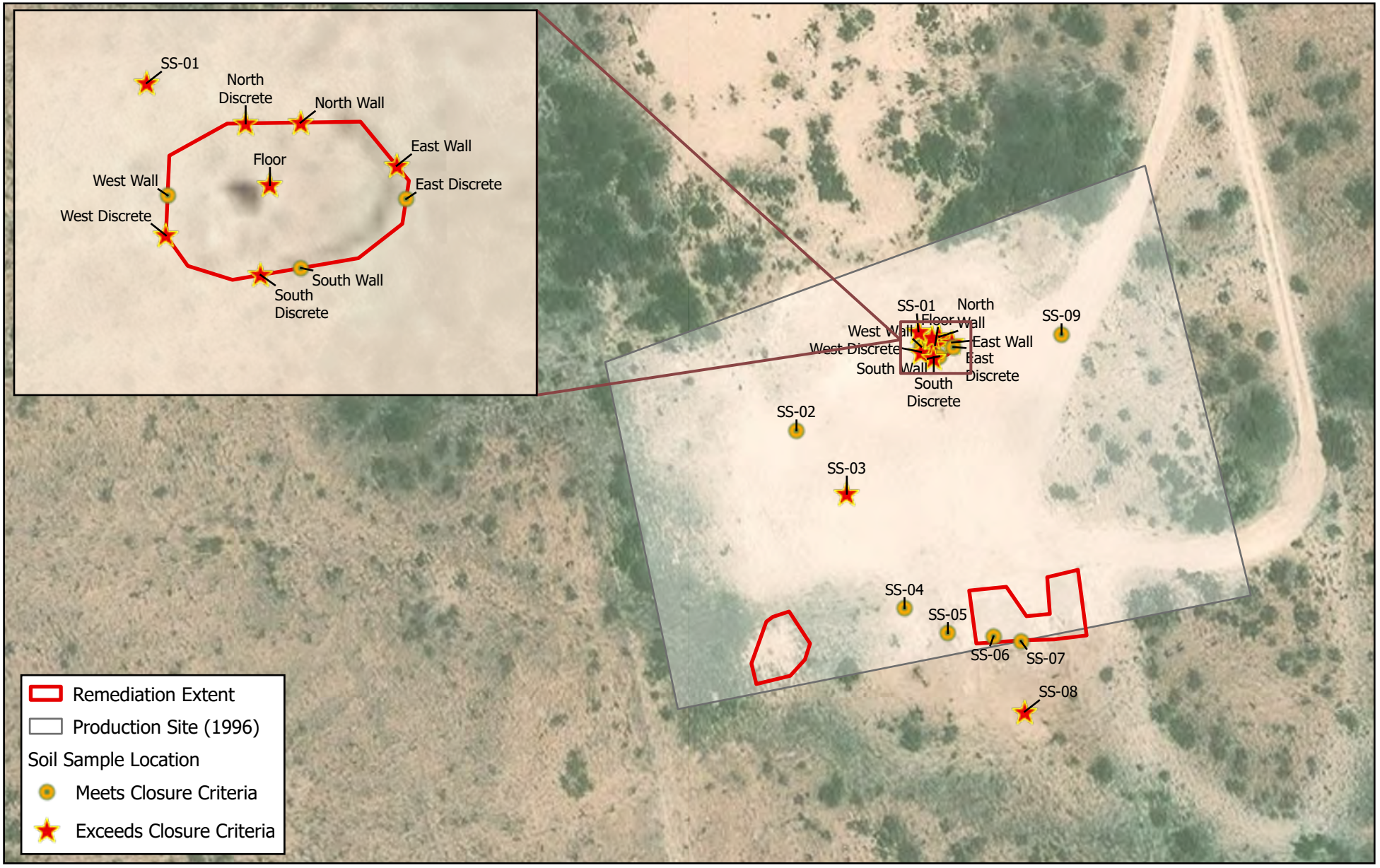
Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

0 30 60 ft

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.665963°N, 103.451896°W

Date: Jul 13/26

N

Soil Sample Locations
Source: KP Kauffman (2025)
State MX #001

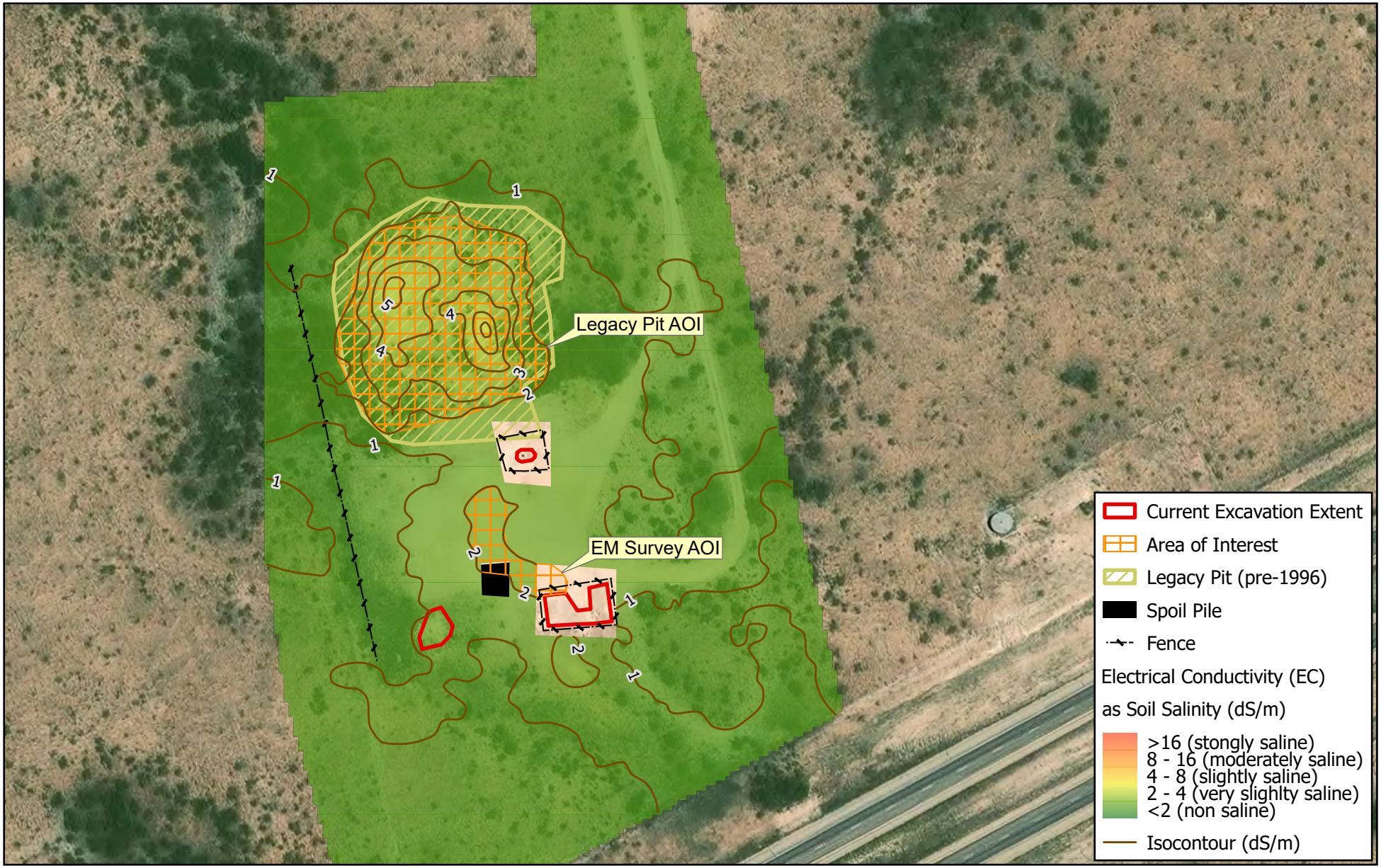
FIGURE:
7

K.P. KAUFFMAN

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

Map Center:
Lat/Long: 32.666157°N, 103.450867°W

0 100 200 ft

Date: Jul 13/26

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

N

Electrical Conductivity (Soil Salinity)
Survey Date: 05/27/2026
State MX #001

FIGURE: **8**

K.P. KAUFFMAN

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.

Appendix A

ROE/Cultural Survey

Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands
310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

May 1, 2026

K.P. Kauffman Company, Inc.
1700 Lincoln Street, Suite 4550
Denver, CO 80203

Attn: Daniel Motisi

Re: Right-of-Entry Permit No.: RE-8046 – State MX #001

Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Christopher Gutierrez at (505) 827-5773 or cgutierrez@nmslo.gov.

Sincerely,

James S. Bordegaray
Director, Commercial Resources Division

JSB/CLG

NEW MEXICO STATE LAND OFFICE
Commissioner of Public Lands
Stephanie Garcia Richard
New Mexico State Land Office Building
P.O. Box 1148, Santa Fe, NM 87504-1148

RIGHT OF ENTRY PERMIT
CONTRACT NO. RE – 8046

This Agreement is made and entered into between the COMMISSIONER OF PUBLIC LANDS (the "Commissioner") and

K.P. Kauffman Company, Inc.
1700 Lincoln Street, Suite 4550
Denver, CO 80203

("Permittee"). The parties agree as follows:

1. RIGHT OF ENTRY ("ROE")

The Commissioner grants to Permittee, and its authorized representatives, employees, and contractors, permission to use the state trust lands identified below (the "Premises"), and ingress and egress to the Premises, for the sole purposes of (1) surveying/conducting an environmental investigation on the site of State Land Office, **API #30-025-28164 and State MX #001** and (2) conducting surface reclamation activities, including removal of equipment and debris, and any required remediation per 19.2.100.67 NMAC.

The property is situated in the following location in **Lea County**, New Mexico:

Section	Township	Range	Subdivision	County	Longitude/Latitude
15	19S	35E	NWNW	Lea	32.6661022,-103.4514586

2. TERM AND TERMINATION

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands.

3. FEES

$ 50.00 Application Fee
$ 500.00 Permit Fee
$ 550.00 Total Fee

4. CONDITIONS OF USE

A. The issuance of this ROE does not guarantee that any subsequent lease, permit or any other instrument will be issued to Permittee for the Premises.

B. No blading or widening of any roads that provide access to the Premises is permitted under this ROE.

C. No sale of any material extracted from the Premises is allowed under this ROE.

D. Permittee shall observe all applicable federal, state and local laws and regulations.

E. Permittee shall take all reasonable precautions to prevent and suppress forest, brush and grass fires and prevent pollution of waters on or in the vicinity of the Premises.

F. Permittee shall not block or disrupt roads or trails commonly in use.

G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and effect.

H. Permittee shall be responsible for repair and restitution for damage to any property or improvements as a result of activities related to this ROE.

I. Prior to entering the Premises, Permittee must identify and contact any existing surface lessees. The grant of this ROE does not allow access across private lands.

J. Permittee may utilize this ROE upon its execution for inspection of the Premises and to conduct any necessary tests or inspections. Permittee may not conduct remediation or reclamation work until it has submitted a written plan for such work, and received State Land Office approval.

K. Personnel present on Premises: **K.P. Kauffman Company, Inc. personnel and authorized contractors.**

L. Equipment and materials present on Premises: **vehicles, heavy equipment, and associated equipment.**

5. SITE CONDITIONS

A. No surface disturbance, other than soil tests, except as described in a reclamation plan submitted to and approved by the State Land Office.

B. Access to the Premises shall be over existing roads.

C. The natural environmental conditions that exist contemporaneously with this grant of ROE shall be preserved and protected. Permittee must follow all applicable environmental and cultural resource protection laws and regulations.

6. INDEMNITY

Permittee shall save, hold harmless, indemnify and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including butnot limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of Permittee's operations or presence on the Premises (or operations or presence of his representatives, employees, or contractors).

7. SURVIVAL OF TERMS

Permittee's obligations regarding indemnity, site conditions, and compliance with applicable standards and laws, shall survive the termination, cancellation or relinquishment of this Agreement, and any cause of action of the Commissioner to enforce any right, liability, claim, loss, damage or expense under those paragraphs shall not be deemed to accrue until the Commissioner's actual discovery of said right, liability,claim, loss, damage or expense.

8. NOTIFICATION

Permittee must notify the State Land Office immediately in the event Permittee or his representatives, employees, or contractors observe any spill, fire, or other emergency on the Premises, or if Permittee or his representatives, employees, or contractors experience any serious injury while on the Premises.

WITNESS the hands of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

DATE: 4/30/26

PERMITTEE SIGNATURE

Jeffrey Kauffman

President

PERMITTEE NAME AND TITLE (PRINT)

BY: _____

Stephanie Garcia Richard
Commissioner of Public Lands

SEAL:

DATE: 05/05/2026

Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet
Exhibit 26-05-01

NMCRIS Activity Number: 161196
(if applicable)

Exhibit Type (select one)

○ **ARMS Inspection/Review** - Summarize the results (select one):

- ☐ (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- ☐ (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- ☐ (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

◉ **Archaeological Survey**

Findings:

- ☐ **Negative** - No further archaeological review is required.
- ☑ **Positive** - Have avoidance and protection measures been devised? Select one: No

Comments: Archaeological clearance is recommended as the project is currently planned. If cultural materials are encountered, at any time, all work should cease and the project archaeologist or a State Land Office staff archaeologist should be notified immediately.

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant: APAC Jeffrey Pangburn

Project Proponent (Applicant): Vertex Resource Services, Inc.

Project Title/Description: A Cultural Survey for the KPK State MX #001 Reclamation Area

Project Location:

County(ies): Lea County, New Mexico

PLSS/Section/Township/Range): T19S R35E S15

For NMSLO Agency Use Only:

NMSLO Lease Number: Acknowledgment-Only: ☐

Lease Analyst:

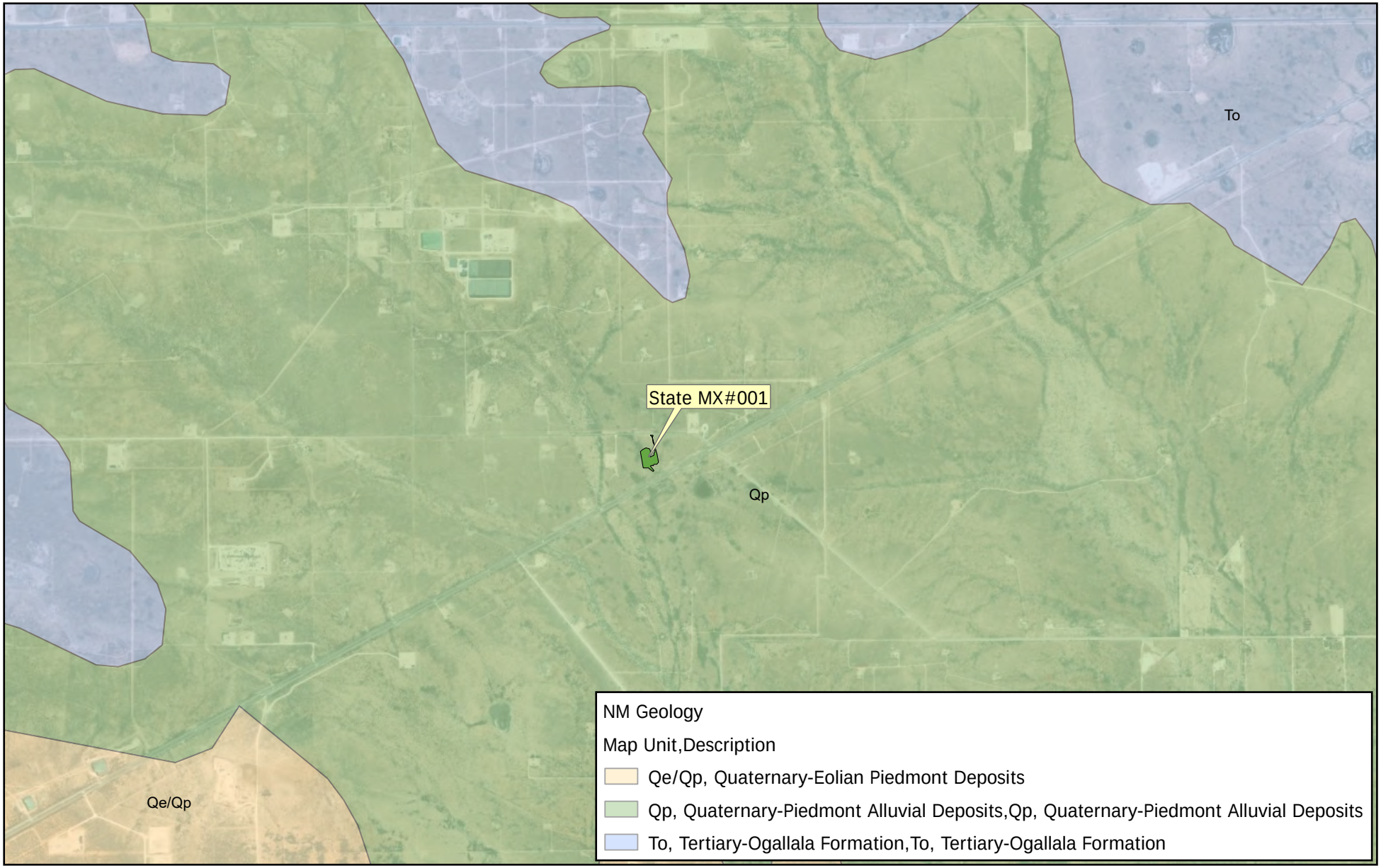
Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

Appendix B

Site Criteria Maps



VERTEX

0 2,000 4,000 f

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.667841°N, 103.447965°W

Date: Apr 07/26

N

Soil Classification
State MX #001

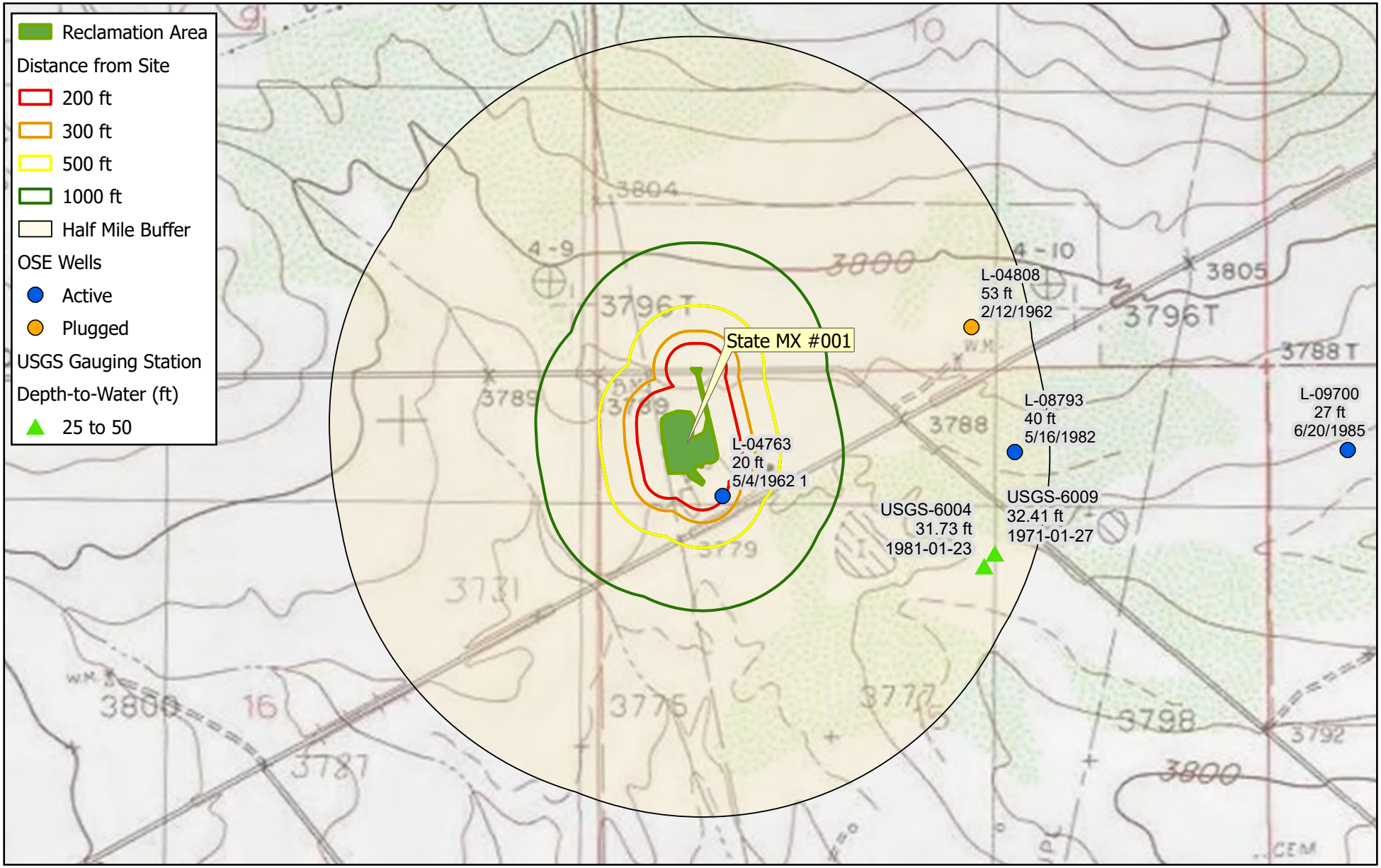
PLATE:
1

K.P. KAUFFMAN

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

0 500 1,000 US Feet

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.666365°N, 103.451364°W

Date: Jul 12/26

N

Depth to Water
State MX #001

PLATE: **2**

K.P. KAUFFMAN

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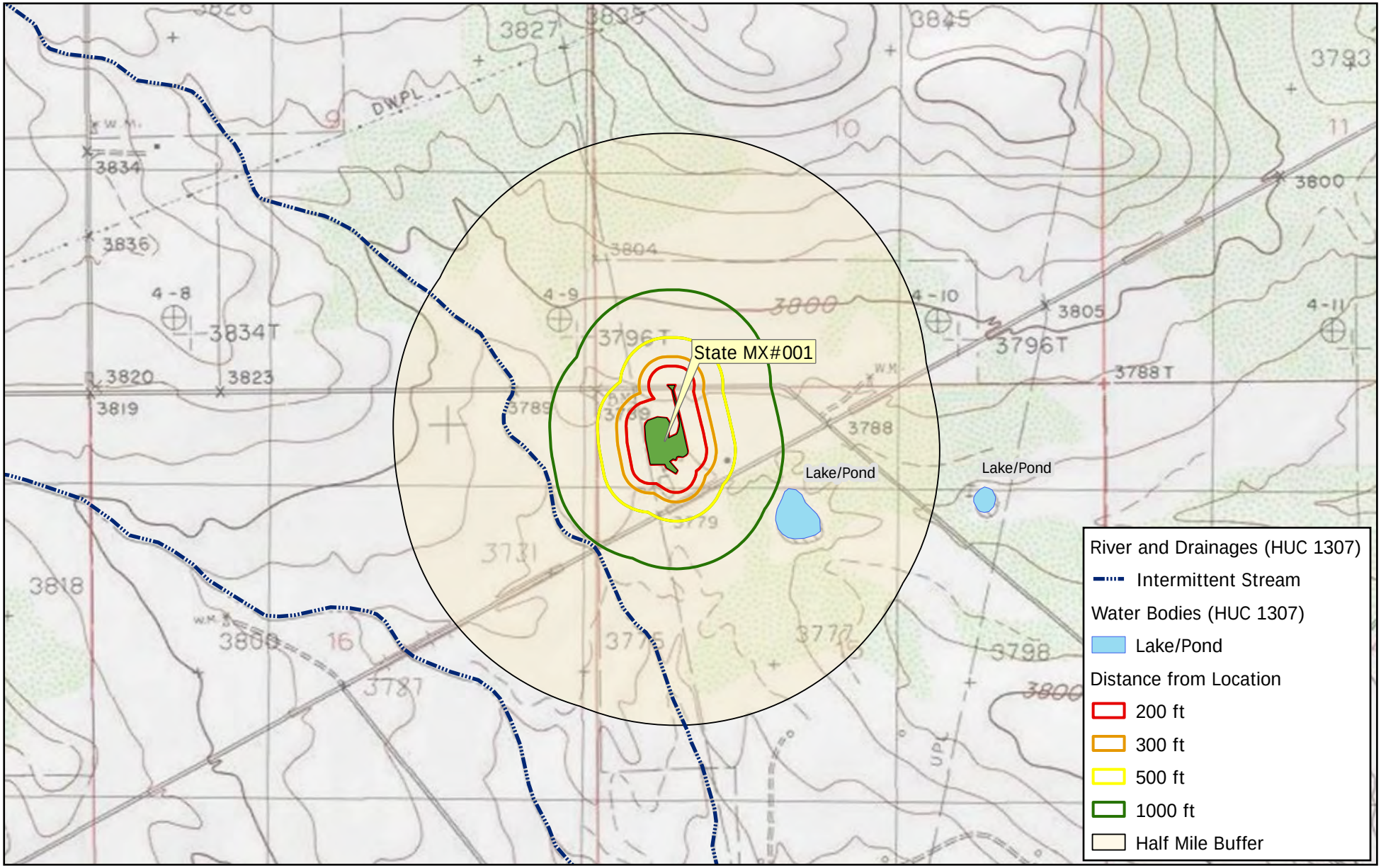
Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

Map Center:
Lat/Long: 32.666382°N, 103.450567°W

0 1,000 2,000 f

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: May 05/26

N

Surface Water
State MX #001

PLATE: 3

K.P. KAUFFMAN

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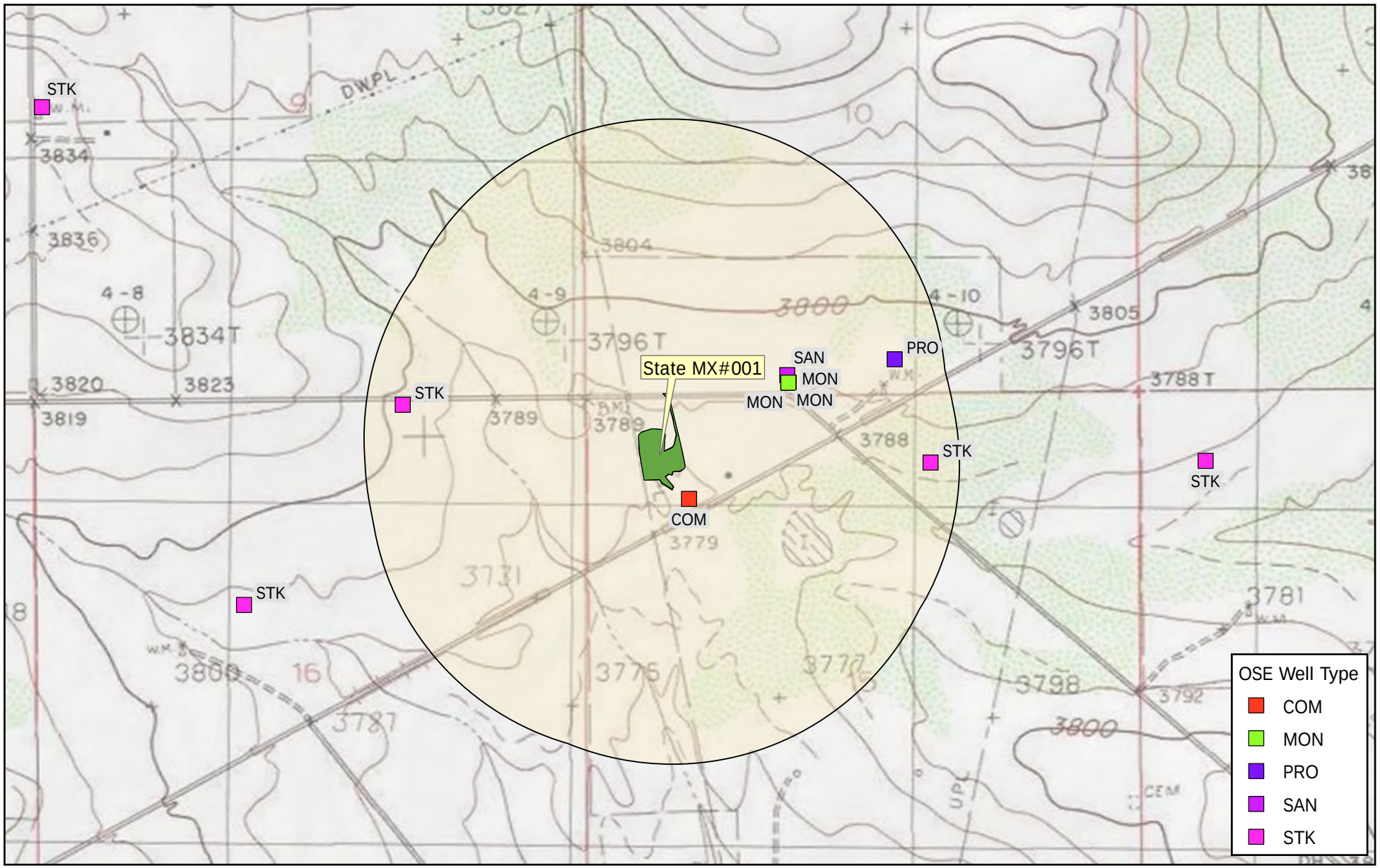
Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

0 750 1,500 f

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.666701°N, 103.450511°W

Date: May 05/26

N

Wellhead Protection
State MX #001

PLATE: 4

K.P. KAUFFMAN

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Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.

VERTEX

0 1,000 2,000 f

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.664798°N, 103.45237°W

Date: May 05/26

N

Occupied Structures
State MX #001

PLATE:
5

K.P. KAUFFMAN

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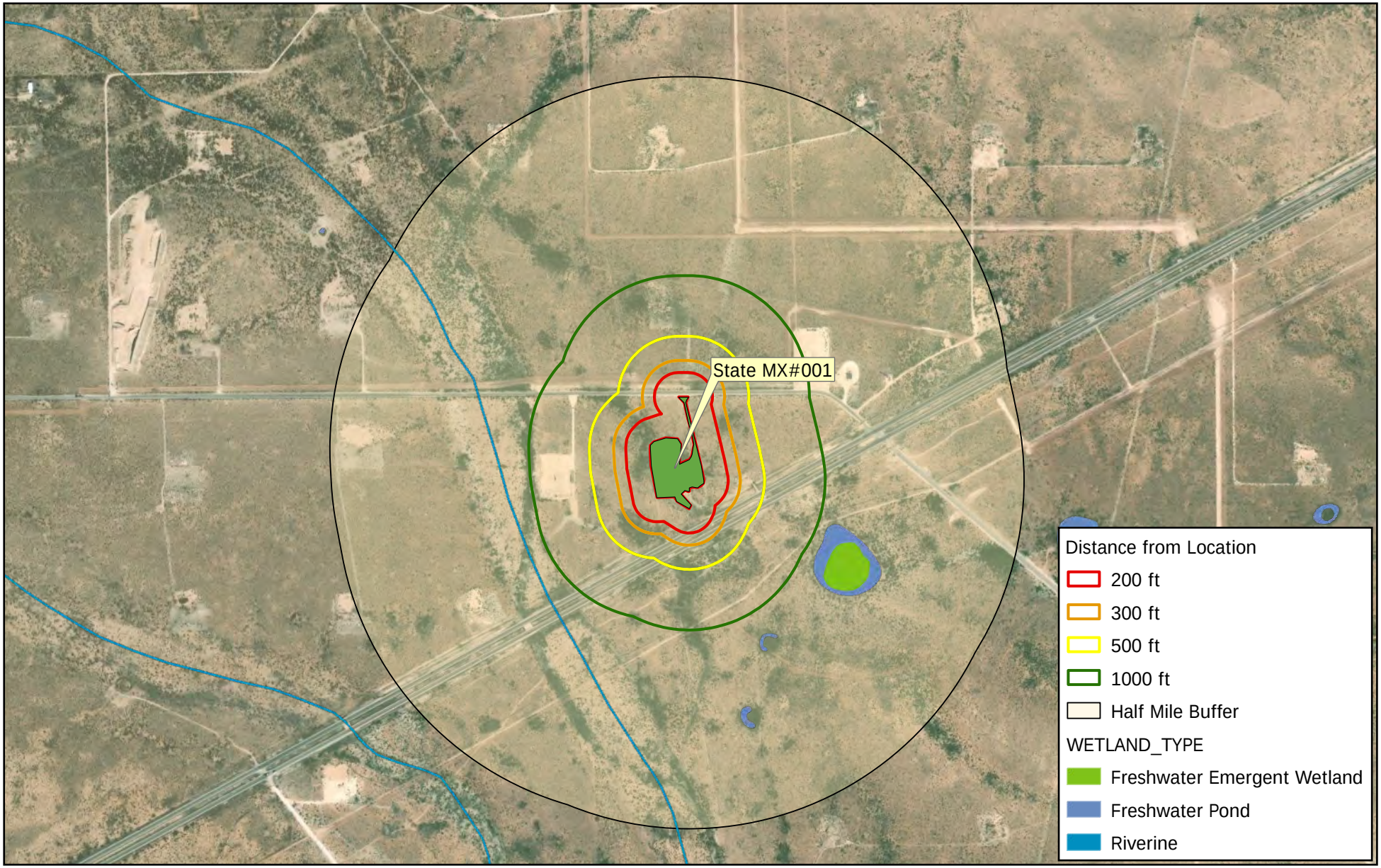
Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

0 750 1,500 f

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Map Center:
Lat/Long: 32.666946°N, 103.451019°W

Date: Apr 07/26

N

Wetlands (National Wetland Inventory)
State MX #001

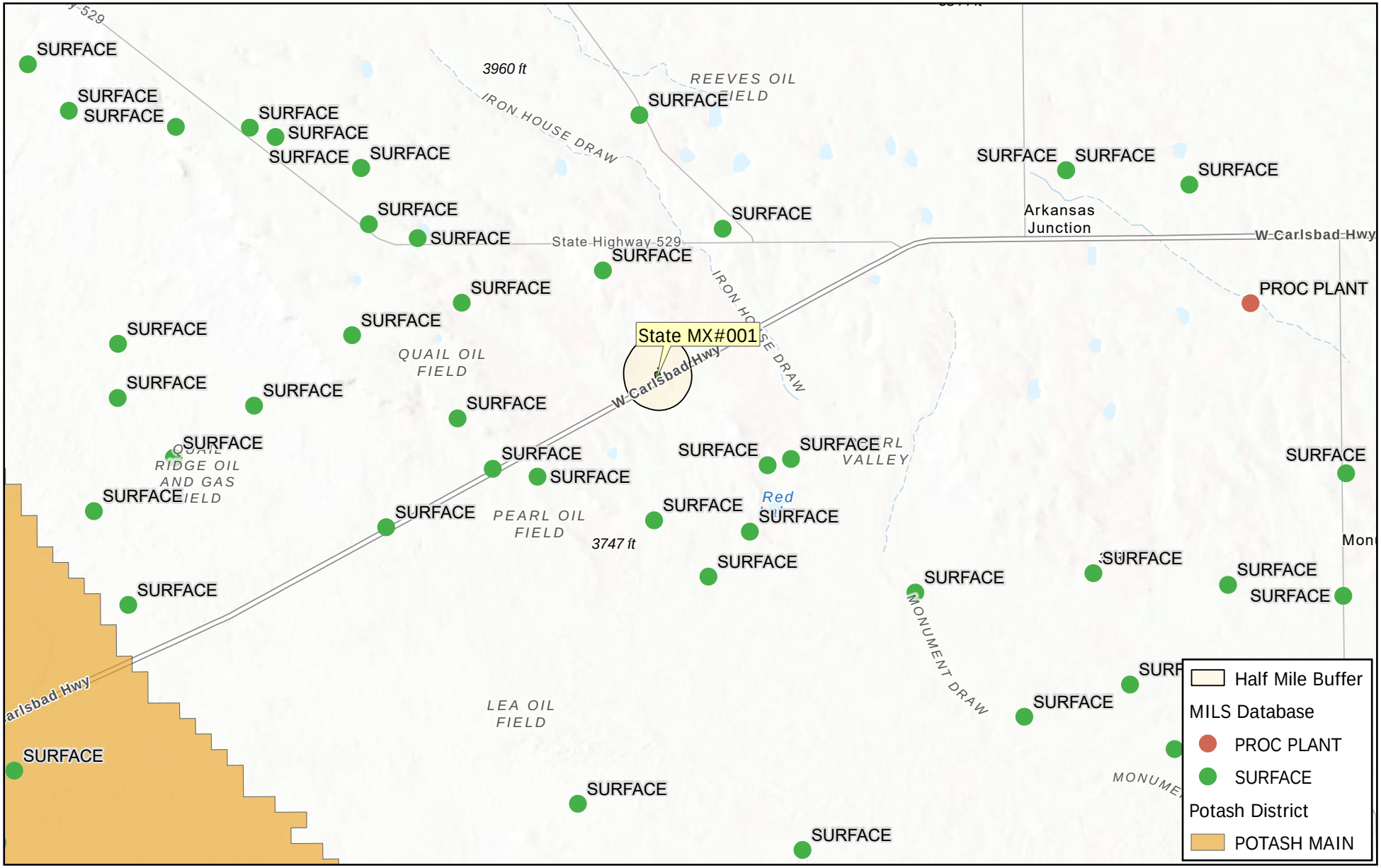
PLATE: 6

K.P. KAUFFMAN

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

Map Center:
Lat/Long: 32.652456°N, 103.442542°W

0 1.5 3 Miles

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Apr 07/26

N

Mines and Minerals
State MX #001

PLATE: 7

K.P. KAUFFMAN

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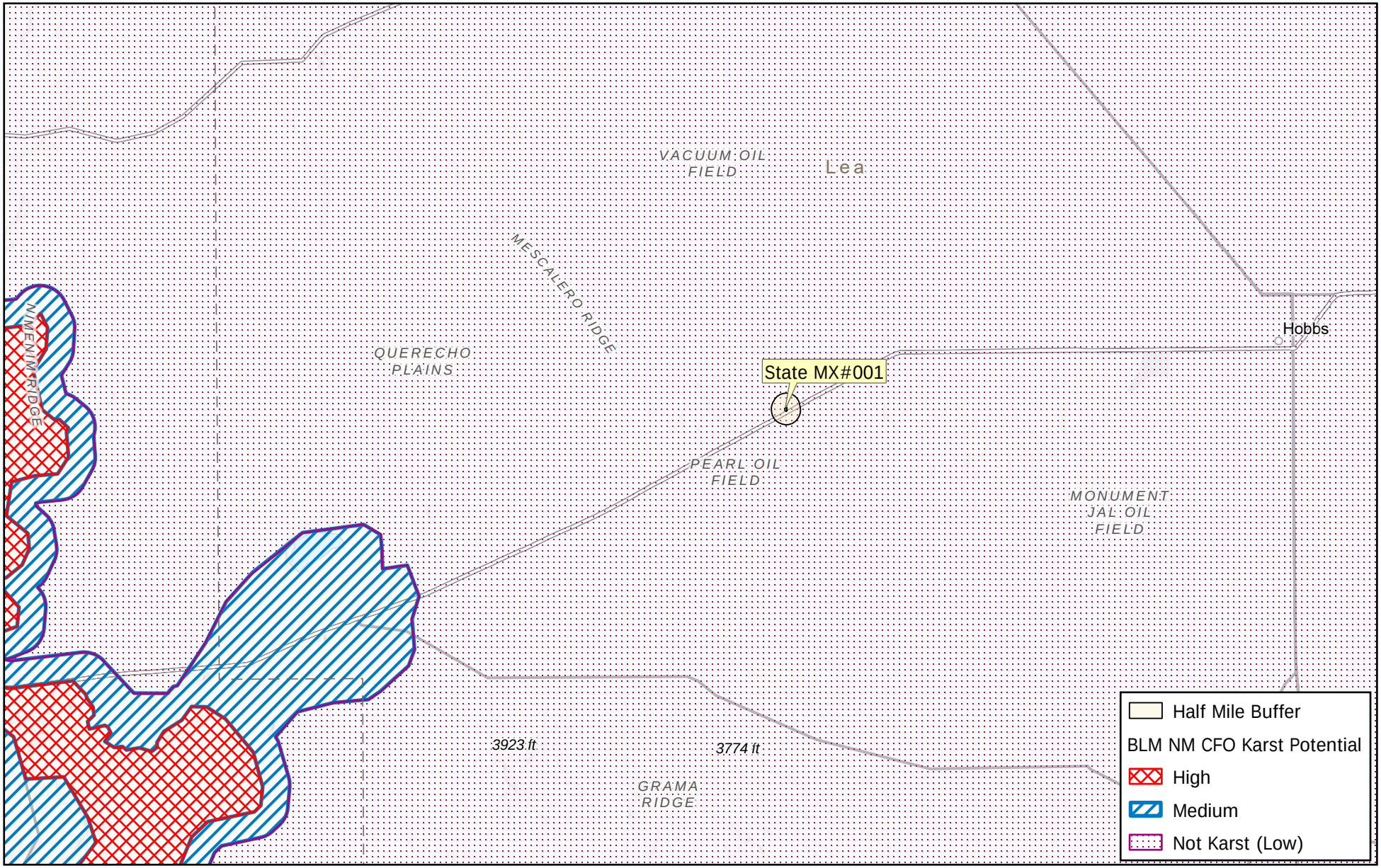
Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

Map Center:
Lat/Long: 32.653368°N, 103.512336°W

0 3 6 Miles

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Apr 07/26

N

Karst Potential
State MX #001

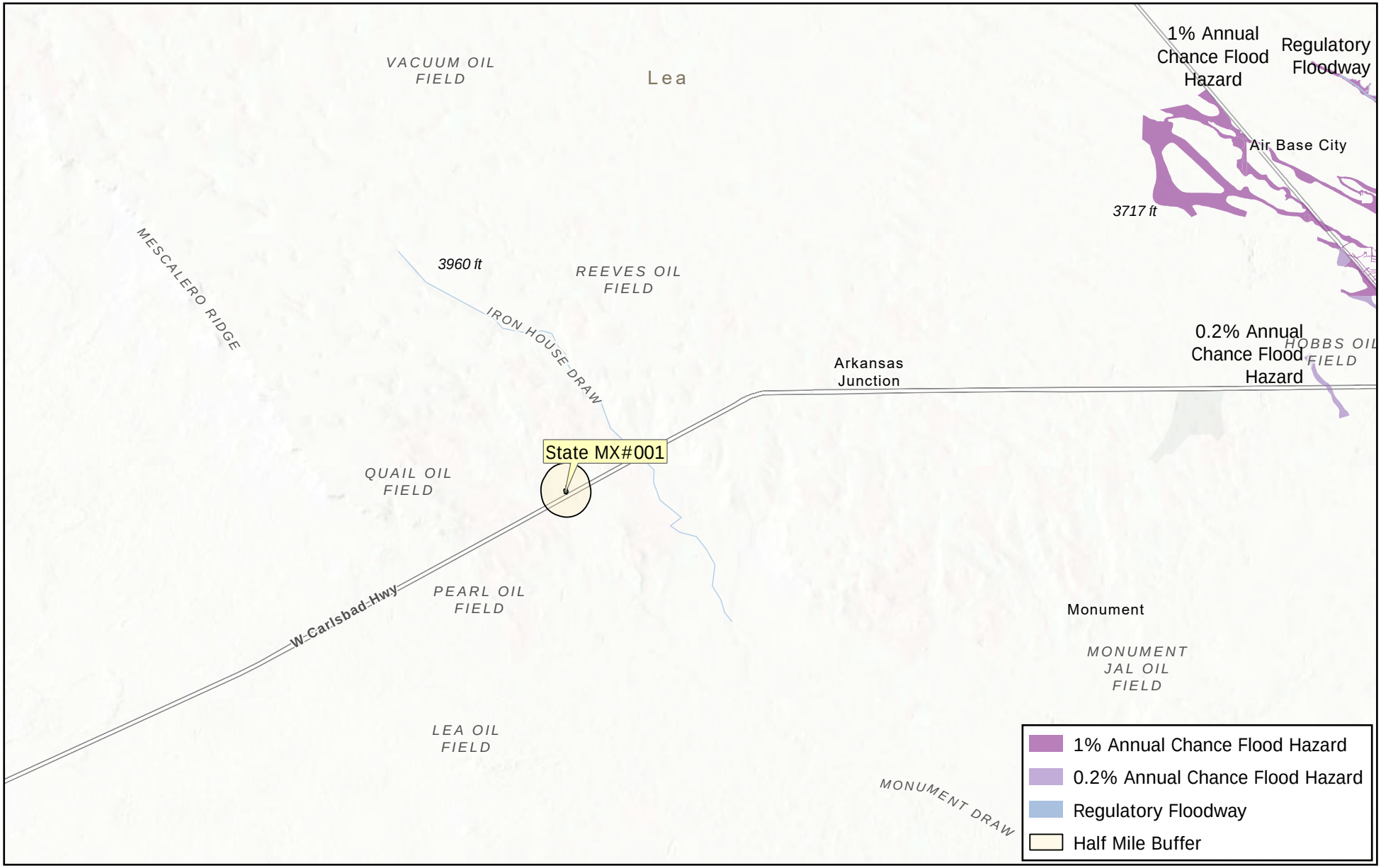
PLATE: 8

K.P. KAUFFMAN

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.



VERTEX

Map Center:
Lat/Long: 32.683848°N, 103.404732°W

0 2 4 Miles

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet

Date: Apr 07/26

N

Flood Hazard
State MX #001

PLATE: 9

K.P. KAUFFMAN

Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2026. Site features from GPS, Vertex, 2026.

VERSATILITY. EXPERTISE.

Appendix C

Well/Borehole Logs

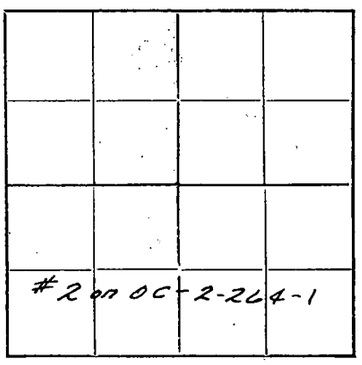
Form WR-23 STATE ENGINEER OFFICE

FIELD ENGR. LOG

WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1



(Plat of 640 acres)

(A) Owner of well Fannie Lee Mitchell, Inc.
Street and Number 618 W. I
City Lovington, State New Mexico
Well was drilled under Permit No. L-4763 and is located in the
¼ N½ ¼ NW ¼ of Section 15 Twp. 19-S Rge. 35-E
(B) Drilling Contractor W. L. Van Noy License No. WD-208
Street and Number P. O. Box 74
City Oil Center, State New Mexico
Drilling was commenced May 4, 19 62
Drilling was completed May 5, 19 62

Elevation at top of casing in feet above sea level ..... Total depth of well 75'
State whether well is shallow or artesian Shallow Depth to water upon completion 20'

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1	35	40	5	Course Water Sand
2				
3				
4				
5				

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To
7	24	8	0	75	75	None	30	50

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used

Section 5 PLUGGING RECORD

Name of Plugging Contractor ..... License No. .....
Street and Number ..... City ..... State .....
Tons of Clay used ..... Tons of Roughage used ..... Type of roughage .....
Plugging method used ..... Date Plugged ..... 19 .....
Plugging approved by:

Basin Supervisor

Cement Plugs were placed as follows:

No.	Depth of Plug From	Depth of Plug To	No. of Sacks Used

FOR USE OF STATE ENGINEER ONLY

Date Received STATE ENGINEER OFFICE ROSWELL, N. MEX. DISTRICT II 1962 MAY 11 AM 8:24

1142134

File No. L-4763 509898 Use Domestic Location No. 19.35.15.112

4222

Section 6

LOG OF WELL

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color	Type of Material Encountered
0	35	35	Greyish	Cal iche
35	40	5	Greyish	Course Water Sand
40	75	35	Red	XXXXXXXX Red Sandy Shale

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

W. L. Mc Young
Well Driller

Revised April, 1974

IMPORTANT – READ INSTRUCTIONS BEFORE FILLING OUT THIS FORM

CHANGE OF OWNERSHIP OF WATER RIGHT

15679
2

1. NAME OF WATER RIGHT OWNER OF RECORD FANNIE LEE MITCHELL, INC.
Mailing Address P. O. Box 1327
City and State Lovington, New Mexico,
the owner and holder of a water right set forth in file number L4763
of record in the office of the State Engineer has conveyed all of said right to:
(all or part)

Name DALE RITTENHOUSE, DBA RITTENHOUSE OIL & GAS COMPANY
Mailing Address P. O. Box 765
City and State Midland, Texas 79702

2. IRRIGATION: The conveyed water right is appurtenant to lands described as follows (describe only lands with actual water right and diversion as that amount of water measured at the well and/or farm headgate):

SUBDIVISION (District or Hydrographic Survey)	SECTION	TOWNSHIP (Map No.)	RANGE (Tract No.)	ACREAGE	DIVERSION (Acre Feet Per Annum)	PRIORITY

'79 JAN 4 AM 8 36
STATE ENGINEER OFFICE
ROSWELL, N. M.

TOTAL 29.5

OTHER: Purpose commercial ~~November 16, 1961~~ ; Amount ~~_____~~ (acre feet per annum of diversion); Priority ~~_____~~.

3. DESIGNATE WELLS TO ACCOMPANY THE CONVEYED RIGHT: (To be executed if conveyance involves only a part of a ground water right):

WELL FILE NO.	SUBDIVISION (District or Hydrographic Survey)	SECTION	TOWNSHIP (Map No.)	RANGE (Tract No.)
L 4763	SE¼NW¼NW¼	SW¼ Sec. 15	T-19-S	R-35-E

4. I HEREBY CONSENT TO A LAWFUL CHANGE IN THE PLACE AND/OR PURPOSE OF USE OF THE ABOVE-DESCRIBED WATER RIGHT: (To be executed if water right described above is a right for irrigation purposes and has been conveyed separate from the land to which it is appurtenant.)

The undersigned, being first duly sworn upon oath, deposes and says that he has read the foregoing statements and that the same are true to the best of his knowledge and belief.

FANNIE LEE MITCHELL, INC.

ROBERT J. [redacted] Robert J. Kerby
KERBY - PRESIDENT

MARLYN WOODY NOTARY PUBLIC STATE OF NEW MEXICO

Subscribed and sworn to before me this 22 Nd day of December, A. D., 19 78

My commission expires: August 5, 1979 Marlyn C. Woody Notary Public

INSTRUCTIONS

Change of ownership shall be filed in triplicate and executed either by conveyor (seller) or by the new owner and shall be accompanied by a filing fee of $1.00. If executed by the new owner it shall be accompanied by a certified copy of the deed or other instrument of conveyance.

FOR STATE ENGINEER USE ONLY

A _____ from _____ to _____
(warranty deed, other)

was found by me to be recorded on the _____ day of _____, A. D., 19 _____ on page _____ of Book No. _____ of record of _____ County.

By: ~~January 4, 1979~~ Date: L-4763

Date Received _____ File No. 509903

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

ROSWELL

S. E. REYNOLDS
STATE ENGINEER

January 10, 1979

ADDRESS CORRESPONDENCE TO:
P. O. BOX 1717
ROSWELL, NEW MEXICO
88201

File: L-4763

Dale Rittenhouse, dba
Rittenhouse Oil & Gas Company
P. O. Box 765
Midland, Texas 79702

Dear Sir:

Enclosed is your copy of Change of Ownership of Water Right showing that you have acquired 29.5 acre feet per annum of water right, authorized for commercial purposes as set forth in Water Right File No. L-4763 from Fannie Lee Mitchell, Inc.

Well No. L-4763 shall be equipped with a totalizing meter and records of the amount of water pumped during the 3 preceding calendar months shall be submitted to the State Engineer Office in Roswell on or before the 10th day of January, April, July and October of each year.

Yours very truly,

J. C. Groseclose
Basin Supervisor

JCG/fh
Encl.
cc: Santa Fe

RITTENHOUSE OIL & GAS CO.

Post Office Box 765 • Midland, Texas 79701

January 3, 1979

'79 JAN 4 AM 8 35
STATE ENGINEER OFFICE
ROSWELL, N. M.

State of New Mexico
Engineering Office
P.O. Box 1717
Roswell, New Mexico 88201

Attention: Mr. Fred H. Hennighausen
District II Supervisor

Dear Sir:

Enclosed please find change of ownership of water rights duly executed and signed in triplicate. Also please find enclosed RITTENHOUSE OIL & GAS CO. Check #4539 in the amount of Ten Dollars ($10.00) for filing fee.

It is my understanding that totalizing meter report is to be filed with your office no later than the 10th of January, recording the amount of water pumped during the three (3) preceding calender months and it is also my understanding that Mr. Robert J. Kirby, President of Fannie Lee Mitchell, Inc. will file these reports.

In your water rights letter you refer to the fact that the rights to the ownership of such water rights are recorded in the form of a license and are subject to forfeiture through non-use in accordance with Section 75-11-8 New Mexico Statutes Annotated.

I am not familiar with the referenced statutes and do not have copies available for my use, therefore; would it be at all possible for the New Mexico State Engineering Department to furnish me a copy of the referenced statutes, along with a bill covering the charges for such services.

Thank you.

Yours Very truly,

RITTENHOUSE OIL & GAS CO.

Dale K. Rittenhouse

Dale K. Rittenhouse
Phone (915) 683-4415

DKR/ldr

Enclosure-

RITTENHOUSE OIL & GAS CO.

Post Office Box 765 • Midland, Texas 79701

January 3, 1979

State of New Mexico
Engineering Office
P.O. Box 1717
Roswell, New Mexico 88201

Attention: Mr. Fred H. Hennighausen
District II Supervisor

Dear Sir:

Enclosed please find RITTENHOUSE OIL & GAS CO. Check #4538 in the amount of Fifteen Dollars ($15.00) to cover water rights letters on Files L-4762, L-4763, L-2847 and L-2846 Combined-A.

Thank you very much.

Yours very truly,

RITTENHOUSE OIL & GAS CO.

Dale K. Rittenhouse
Phone (915) 683-4415

DKR/ldr

Enclosure-

STATE ENGIN
ROSWEL
'79 JAN 4

Dale Rittenhouse
P. O. Box 7
Midland, Texas 79702

DATE: December 11, 1978

FILE: L-4763

OWNER: Fannie Lee Mitchell

FEE: $5.00 (water right letter)

D 35660
L

Sta Engineer Office
P. O. Box 1717
Roswell, New Mexico 88201

Please submit the required fee for the attached. Receipt will be forwarded for your files.

PLEASE RETURN THIS STATEMENT WITH YOUR CHECK OR CASH.

[redacted]RAL RESOURCES DEPARTMENT
Water Resources Division

MEMO 1

Files: L-4762
L-4763

DATE 12/4/79

TO: Mr. Rittenhouse

(X) For Your Information ( ) Note & Return

( ) For Your Files ( ) Circulate

( ) For Your Handling ( ) _____

REMARKS: Attached please find check No. 4539 in the amount of $10.00. The filing fee for each change of ownership is $1.00. Please send us a check for $2.00 filing fee. We will hold the change of ownership forms in this office. Thank you.

J. C. Groseclose
Basin Supervisor

THANK You Nelda Rittenhouse

'79 JAN 9 AM 8 16
STATE ENGINEER OFFICE
ROSWELL, N.M.

f

T-5660
5

STATE OF NEW MEXICO

STATE ENGINEER OFFICE

ROSWELL

S. E. REYNOLDS
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:
P. O. BOX 1717
ROSWELL, NEW MEXICO
88201

December 11, 1978

File: L-4763

Dale Rittenhouse
P. O. Box 765
Midland, Texas 79702

Dear Sir:

This is to advise that the records of the Water Resources Division, District II, Roswell, New Mexico, disclose water rights under file No. L-4763 in the amount of 29.5 acre feet per annum for commercial purposes to be diverted from well No. L-4763 located in the SE¼NW¼NW¼ of Section 15, Township 19 South, Range 35 East, NMPM. This file is recorded in the name of Fannie Lee Mitchell, Incorporated of Lovington, New Mexico.

Well No. L-4763 shall be equipped with a totalizing meter and records of the amount of water pumped during the 3 preceding calendar months shall be submitted to the State Engineer Office in Roswell on or before the 10th day of January, April, July and October of each year.

The above described rights are recorded in the form of a license and are subject to forfeiture through non-use in accordance with Section 75-11-8 New Mexico Statutes Annotated.

The foregoing is an abstract of the files in this office and such records must speak for themselves as to their authenticity and validity.

Very truly yours,

Fred H. Hennighausen
District II Supervisor

JCG/fh
cc: Santa Fe

ROUTING SLIP

To: Field Supervisor (Basin) or (County) LCuWB

From: _____ Applicant _____

Land Location _____

Field Check Requested For the Following Reasons Date: _____

- Proof of Completion of Works ☐
- Proof of Beneficial Use ☐
- Declaration ☐
- Extension of Time ☐
- Illegal Irrigation ☐
- Supplemental Well ☐
- Leakage Test ☐
- Cementing (water-oil) ☐
- Reduction from Irr. or Dom. ☐
- Pressure Test ☐
- Inspect Casing ☐
- Others ☐

Sec. T. R. Sec. T. R.

☐ Old Well (plugged-retained-reduced)

REMARKS:

Water from this well was used thru 1974 and since that date there has been no use

Date: 12-11-78 By: J. Groseclose

File No. L-4763 Location No. _____

WR-36

FIELD REPORT FOR CEMENTING OF WELLS

Name of Applicant _____

Name of Well _____

Driller's Name _____

Drilling Method _____

CASING DATA:
Surface _____ feet of _____ inch. Grade _____

Inspected by _____ on _____

(Approved)(Rejected) _____

Water string _____ feet of _____ inch. Grade _____

Inspected by _____ on _____

(Approved)(Rejected) _____

Oil string _____ feet of _____ inch. Grade _____

Inspected by _____ on _____

(Approved)(Rejected) _____

CEMENTING PROGRAM:
Cemented by _____ Supervised by _____

Type of shoe used _____ Float collar used _____

Bottom three joints welded _____ Cement: around shoe _____ sks. _____

around casing _____ sks. _____ Additives _____

_____ _____ _____

Size of hole _____ Size of casing _____ sks. of cement required ____

Plug pumped down _____ (a.m.)(p.m.) _____

Cement circulated _____ No. of sacks _____

Temp. survey ran _____ (a.m.)(p.m.) _____ Cement at _____ feet

Temp. survey ran _____ (a.m.)(p.m.) _____ Cement at _____ feet

Checked for shut off _____ (a.m.) (p.m.) _____

Method used _____ Supervised by _____

Checked for shut off _____ (a.m.) (p.m.) _____

Method used _____ Supervised by _____

REMARKS: _____

_____

_____

_____

_____

_____

_____

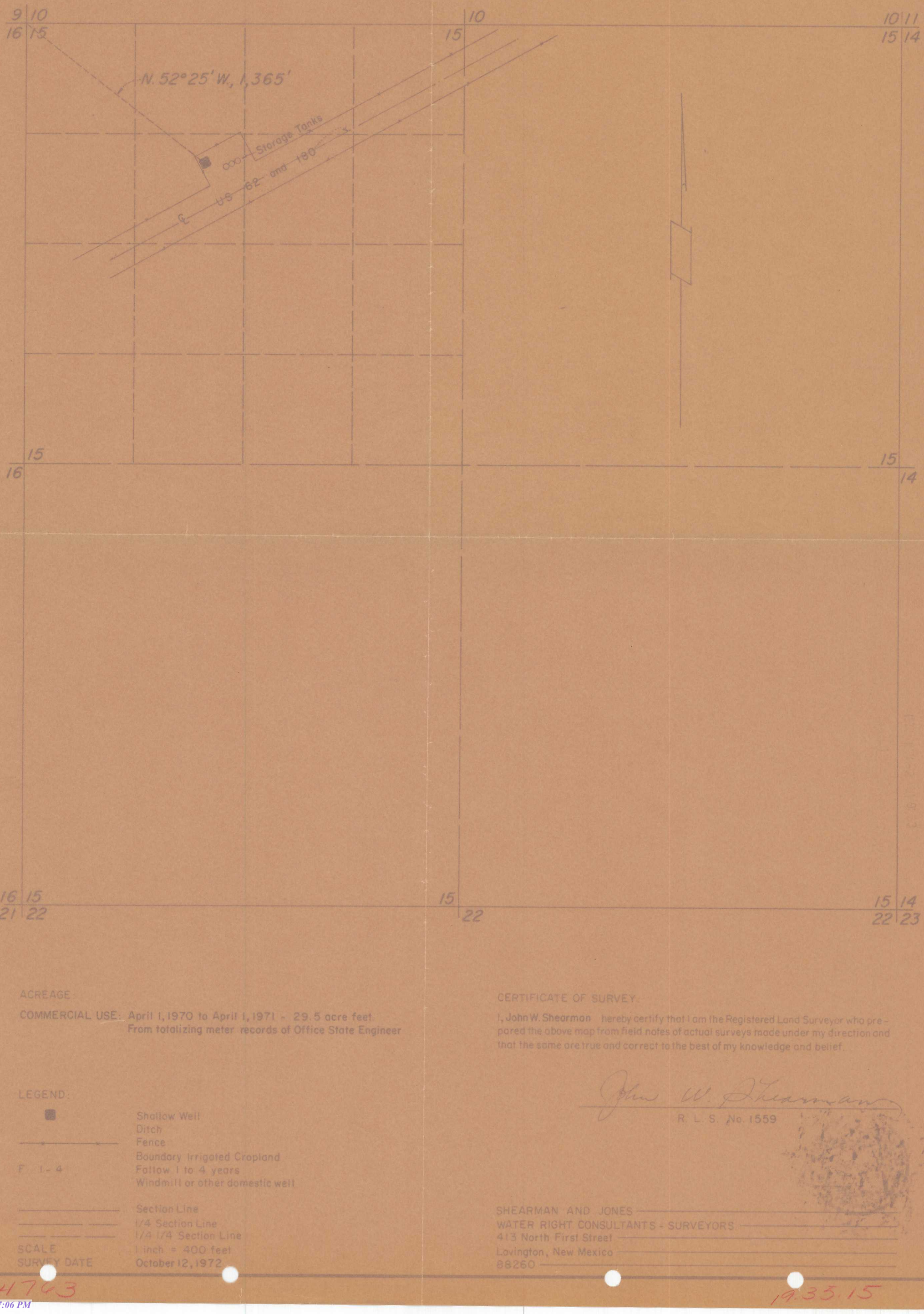
Job approved by _____

File No. _____ Location No. _____

Plat of Underground Water Project to accompany surveyor's report on permit to appropriate the underground waters of the STATE OF NEW MEXICO for COMMERCIAL purposes.

Permit No. L-4763 FANNIE LEE MITCHELL Inc., Permittee

Location: N1/2 NW1/4 Section 15, T. 19 S., R. 35 E., N.M.P.M., Lea County, New Mexico.



ACREAGE:

COMMERCIAL USE: April 1, 1970 to April 1, 1971 - 29.5 acre feet
From totalizing meter records of Office State Engineer

LEGEND:

■	Shallow Well
	Ditch
——×——×——	Fence
	Boundary Irrigated Cropland
F 1-4	Fallow 1 to 4 years
	Windmill or other domestic well
————	Section Line
———— ——	1/4 Section Line
—— —— ——	1/4 1/4 Section Line
SCALE	1 inch = 400 feet
SURVEY DATE	October 12, 1972

CERTIFICATE OF SURVEY:

I, John W. Shearman hereby certify that I am the Registered Land Surveyor who prepared the above map from field notes of actual surveys made under my direction and that the same are true and correct to the best of my knowledge and belief.

John W. Shearman

R. L. S. No. 1559

SHEARMAN AND JONES
WATER RIGHT CONSULTANTS - SURVEYORS
413 North First Street
Lovington, New Mexico
88260

L-4763

19.35.15

Appendix D

Biological Survey

State MX #1
K.P. Kauffman

Appendix D
Biological Review
SLO-ECO

VERTEX

	Printable Reports	
Agency	**Report**	**Result**
US Fish & Wildlife	Information for Planning and Consultation (IPaC)	----------
	(Potentially) Endangered Species	2 Northern Aplomado Falcon, Monarch Butterfly
	Bald & Golden Eagles	0
	Migratory Birds	0
	Facilities	0
	Wetlands	None
	Vertex "Habitats" GIS Map	
Agency	**Layer**	**Result**
BLM		
	Special Status Plant and Wildlife Habitat	----------
	Potential Habitat (Planning Area Only)	Scheer's beehive cactus 15.3 miles WSW
	Dunes Sage Brush Lizard	2.6 miles SW
	Lesser Prairie Chicken	2.2 miles SW
	Lesser Prairie Chicken Timing Restriction	2.6 miles SW
	Natl Designated Areas of Critical Environmental Concern	50.5 miles SSW
NM Game and Fish		
	NM Crucial Habitat Assessment Tool (NM CHAT)	----------
	Crucial Habitat	4
	Species of Concern	4
	Large Natural Areas	2
	Natural Vegetation	3
	Terresterial SERI	3
	Aquatic SERI	6
	Fresh Water Integrity	5
	Weland and Riparian Areas	0/6
	NM State Wildlife Action Plan (SWAP) Macrogroups	Chihuahuan Semi-Desert Grassland
	NM Important Plant Areas	35 miles NW
	Riparian Corridors	----------
	Upper Rio Grande	None
	Middle Rio Grande	None
	Canadian Upper Pecos	None
	Gila Region San Juan	None
	Lower Pecos Tularosa basin	None
	NM Riparian Corridor	None
US Fish & Wildlife		
	Critical Habitat for Threatened and Endangered Species	62 miles NW
NM Natural Heritage		
	Federal Threatened and Endangered (Fed T&E)	15.5 miles ENE
	State Threatened and Endangered (State T&E)	35 miles West
NM State Forestry		
	Important Plant Area (IPA)	35.4 miles NW

Regulatory review

The IPaC regulatory review process helps you to evaluate the potential impacts of your project on resources managed by the U.S. Fish and Wildlife Service. It walks you through the regulations that cover each protected resource and offers suggestions and assistance in designing your project.

Endangered species

Endangered species are protected under the Endangered Species Act[1].

2 endangered species are known to occur or may be affected by activities in this location.

✔ Request an official species list

An official species list was generated 13 minutes ago (5/13/2026, 8:58:06 AM).

− Evaluate Determination Keys

There are no determination keys available in this project area.

3 **Analyze project (optional)**

4 Download documentation

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[3] and the Bald and Golden Eagle Protection Act[4].

THE DATA IN THIS LOCATION INDICATES THAT NO MIGRATORY BIRDS OF CONCERN HAVE BEEN OBSERVED IN THIS AREA. THIS DOES NOT MEAN BIRDS OF CONCERN ARE NOT PRESENT IN YOUR PROJECT AREA, ESPECIALLY IF THE AREA IS DIFFICULT TO SURVEY. PLEASE REVIEW THE 'STEPS TO TAKE WHEN NO RESULTS ARE RETURNED' SECTION OF THE SUPPLEMENTAL INFORMATION ON MIGRATORY BIRDS AND EAGLES DOCUMENT TO DETERMINE IF YOUR PROJECT IS IN A POORLY SURVEYED AREA. IF IT IS, YOU MAY NEED TO RELY ON OTHER RESOURCES TO DETERMINE WHAT MIGRATORY BIRDS OF CONCERN MAY BE PRESENT (E.G. YOUR LOCAL FWS FIELD OFFICE, STATE SURVEYS, YOUR OWN SURVEYS).

Coastal Barriers

Projects within the Coastal Barrier Resource System may be subject to regulation under the Coastal Barrier Resources Act[11], or other State/Federal statutes.

THERE ARE NO KNOWN COASTAL BARRIERS AT THIS LOCATION.

Facilities

U.S. Fish and Wildlife Service facilities are protected under the National Wildlife Refuge System Administration Act[8] and the National Fish Hatchery System[9].

THERE ARE NO U.S. FISH AND WILDLIFE SERVICE REFUGES OR FISH HATCHERIES AT THIS LOCATION.

Wetlands

Wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act[10], or other State/Federal statutes.

THIS LOCATION DID NOT INTERSECT ANY WETLANDS MAPPED BY NWI.

1. The Endangered Species Act (ESA) of 1973.
2. The Migratory Birds Treaty Act of 1918.
3. The Bald and Golden Eagle Protection Act of 1940.
4. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.
5. The National Wildlife Refuge System Administration Act of 1966.
6. The National Fish Hatchery System.
7. Section 404 of the Clean Water Act establishes a program to regulate the discharge of dredged and fill material into waters of the United States, including wetlands.
8. The Coastal Barrier Resources Act.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
Phone: (505) 346-2525 Fax: (505) 346-2542

In Reply Refer To: 05/13/2026 14:58:16 UTC
Project Code: 2026-0089284
Project Name: State MX #1

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act as amended (16 USC 668-668(c)). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area, and to recommend some conservation measures that can be included in your project design.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the ESA of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the ESA is to provide a means whereby threatened and endangered species and

the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the ESA and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA; 42 USC 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico State agencies. These lists, along with species information, can be found at the following websites.

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program: https://www.emnrd.nm.gov/sfd/rare-plants/

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html, integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

In addition to responsibilities to protect threatened and endangered species under the ESA, there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the Service (50 CFR 10.12 and 16 USC 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a Federal nexus) or a Bird/Eagle Conservation Plan (when there is no Federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds. We also recommend review of the Birds of Conservation Concern list (https://www.fws.gov/media/birds-conservation-concern-2021) to fully evaluate the effects to the birds at your site. This list identifies migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent top conservation priorities for the Service, and are potentially threatened by disturbance, habitat impacts, or other project development activities.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 thereby provides additional protection for both migratory birds and migratory bird habitat. Please visit https://www.fws.gov/partner/council-conservation-migratory-birds for information regarding the implementation of Executive Order 13186.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico

Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State protected and at-risk species fish, wildlife, and plants.

For further consultation with the Service we recommend submitting inquiries or assessments electronically to our incoming email box at nmesfo@fws.gov, where it will be more promptly routed to the appropriate biologist for review.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
(505) 346-2525

PROJECT SUMMARY

Project Code: 2026-0089284
Project Name: State MX #1
Project Type: Non-NPL Site Remediation
Project Description: Reclamation
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@32.66621695,-103.45147428740164,14z

Counties: Lea County, New Mexico

ENDANGERED SPECIES ACT SPECIES

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Northern Aplomado Falcon *Falco femoralis septentrionalis* Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923 General project design guidelines: https://ipac.ecosphere.fws.gov/project/52PWMRULHZHNRDCPFVXMRYVCII/documents/generated/8928.pdf	Experimental Population, Non-Essential

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Andrew Parker
Address: 3101 Boyd Drive
City: Carlsbad
State: NM
Zip: 88220
Email andrew@source3.com
Phone: 5756897007

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Lea County, New Mexico

Local office

New Mexico Ecological Services Field Office

(505) 346-2525
(505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Northern Aplomado Falcon Falco femoralis septentrionalis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	EXPN

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

Bald & Golden Eagles FAQs

What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (Bald and Golden Eagle Protection Act requirements may apply).

Proper interpretation and use of your eagle report
On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your “IPaC PROBABILITY OF PRESENCE SUMMARY” at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Migratory birds

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (FWS).

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

The data in this location indicates that no migratory birds of concern have been observed in this area. This does not mean birds of concern are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine what migratory birds of concern may be present (e.g. your local FWS field office, state surveys, your own surveys).

Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the Bald and Golden Eagle Protection Act and those species marked as “Vulnerable”. See the FAQ “What are the levels of concern for migratory birds?” for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (Bald and Golden Eagle Protection Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the Rapid Avian Information Locator (RAIL) Tool.

Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Bald and Golden Eagle Protection Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

Interpreting the Probability of Presence Graphs
Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season ()
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort ()
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data ()
A week is marked as having no data if there were no survey events for that week.

Survey Timeframe
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the NWI map to view wetlands at this location.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

26R-04389

2026 Biological Survey

State MX #1

ROE Permit RE-8046

API # 30-025-28164

Lea County, New Mexico

Prepared for:
KP Kauffman Company, Inc.

Prepared by:
Vertex Resource Services, Inc.

Date:
June 15, 2026

2026 Special Status Species Survey
State MX #1
ROE Permit RE-8046
API # 30-025-28164
Lea County, New Mexico

Prepared for:
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Manager – Ecology and Assessment

Date

Executive Summary

KP Kauffman Company, Inc. retained Vertex Resource Services, Inc. (Vertex) to conduct a nesting bird and special status species survey of State MX #1, ROE Permit RE-8046, for the purpose of ensuring compliance with the State Land Office (SLO) requirement of adherence to protecting nesting birds and special status species (hereafter referred to as "survey"). The site is located adjacent to Highway 62 and County Road 43, approximately 50 miles east of Carlsbad, NM on Highway 62, as well as approximately 22 miles west of Hobbs, NM on Highway 62 (GPS Location: 32.666031, -103.451439) in Lea County, New Mexico (hereafter referred to as "site"; Appendix A). The survey was conducted as part of the remediation / reclamation efforts to address soil impacts at well site State MX #1. A remediation work plan for the closure of the site is underway for API #30-025-28164.

The Endangered Species Act of 1973 (ESA) provides the framework for conserving and protecting endangered and threatened species and their habitats, which is enforced by the United States Fish and Wildlife Service (USFWS). A review of potential species and habitat present at the proposed job site is necessary to ensure that this project will be in compliance with the ESA and that no "take" of threatened or endangered species, or their habitats, occurs during, or as a result of, project activities. Additionally, rare plant species are protected by the State of New Mexico under the New Mexico Administrative Code (NMAC), Title 19, Chapter 21, Part 2.8, which states that "[B.] the taxon is a rare plant across its range within the state, and of such limited distribution and population size that unregulated taking could adversely impact it and jeopardize its survival in New Mexico." Nesting birds are protected under the Migratory Bird Treaty Act of 1918 (MBTA). If active bird nests, potential State or federally protected species or critical habitat are identified within the project site, compliance recommendations will be made.

Vertex personnel performed a desktop environmental review available databases and literature relevant to special-status species with potential to be present onsite. This includes the following listed species:

- Northern Aplomado Falcon (*Falco femoralis septentrionalis*) – USFWS Experimental Population
- Monarch Butterfly (*Danaus plexippus*) – USFWS Proposed Threatened

The Vertex biologist conducted a habitat survey on May 22, 2026, to determine the likelihood and extent of impacting nesting birds and special status species during the reclamation activities associated with the release and the proposed impacted area. The surveys encompassed the release and a 150-meter buffer around the release delineation footprint within the Right of Entry (ROE) permit area (Appendix A).

The site and survey buffer consists of a oil and gas infrastructure, access roads, and a nearby highway. The remaining portions of the site consist of honey mesquite, side oats grama, purple three awn, buffalo grass and broom snakeweed dominant habitat. During the survey, vegetation species were noted (Appendix B), and the site was assessed via 20-meter transects (Appendix A).

In the professional opinion of Vertex personnel, the survey site is unlikely to support the Northern Aplomado Falcon (*F. femoralis septentrionalis*) and Monarch butterflies (*D. plexippus*). No active bird nests nor raptors were observed during the survey. If nesting birds or special status species are identified during the proposed activities or plans change, the project manager should consult the Vertex biological team to review updated details to ensure continued compliance with the ESA, MBTA, and NMAC 19, Chapter 21, Part 2.8.

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1.0 Introduction

KP Kauffman Company, Inc. retained Vertex Resource Services, Inc. (Vertex) to conduct a nesting bird and special status species survey of State MX #1, ROE Permit RE-8046, for the purpose of ensuring compliance with the State Land Office (SLO) requirement of adherence to protecting State-listed threatened and endangered species (hereafter referred to as "survey"). The site is located adjacent to Highway 62 and County Road 43 (GPS Location: 32.666031, -103.451439. It is approximately 50 miles east of Carlsbad, NM and approximately 22 miles west of Hobbs, NM on Highway 62 (Hobbs Highway) in Lea County, New Mexico (hereafter referred to as "site"; Appendix A). The survey was conducted as part of the remediation / reclamation efforts to address soil impacts at well site State MX #1. The reclamation area and a 150-meter survey buffer at the site consists of approximately 30 acres (Appendix A). Surveying of site occurred in 20-meter transects (Appendix A)

1.1 Objective and Scope of Work

Vertex personnel performed a desktop environmental review available databases and literature relevant to special-status species with potential to be present onsite. This includes the following listed species:

- Northern Aplomado Falcon (*Falco femoralis septentrionalis*) – USFWS Experimental Population
- Monarch Butterfly (*Danaus plexippus*) – USFWS Proposed Threatened

The Endangered Species Act of 1973 (ESA) provides the framework for conserving and protecting endangered and threatened species and their habitats, which is enforced by the United States Fish and Wildlife Service (USFWS). A review of potential species and habitat present at the proposed job site is necessary to ensure that this project will be in compliance with the ESA and that no "take" of threatened or endangered species, or their habitats, occurs during, or as a result of, project activities. Additionally, rare plant species are protected by the State of New Mexico under the New Mexico Administrative Code (NMAC), Title 19, Chapter 21, Part 2.8, which states that "[B.] the taxon is a rare plant across its range within the state, and of such limited distribution and population size that unregulated taking could adversely impact it and jeopardize its survival in New Mexico." Nesting birds are protected under the Migratory Bird Treaty Act of 1918 (MBTA). If active bird nests, potential State or federally protected species or critical habitat are identified within the project site, compliance recommendations will be made.

The objective of this assessment was to ensure that the site will comply with the ESA, MBTA, and NMAC 19, Chapter 21, Part 2.8. This review and survey for active nests and suitable habitat for special status species is necessary to ensure that this project is unlikely to result in a "take" of active nests or threatened or endangered species due to project activities. If potential species are identified within the project site, recommendations will be made to help the project remain in compliance. This survey and the associated report shall document recommendations for compliance with the ESA, MBTA, and NMAC 19, Chapter 21, Part 2.8, during project activities.

The following scope of work was established for the Special Status Species Survey:

- Environmental records and database review
- Complete the field portion of the site survey
- Prepare a report and summarize recommendations for project compliance

2.0 Background

2.1 Site Description

The site, State MX #1, is located adjacent to Highway 62 and County Road 43 (GPS Location: 32.666031, -103.451439) .It is approximately 50 miles east of Carlsbad, NM and approximately 22 miles west of Hobbs, NM on Highway 62 (Hobbs Highway) in Lea County, New Mexico (hereafter referred to as "site" (Appendix A). The survey was conducted as part of the remediation efforts to address soil impacts at well site State MX #1, API #30-025-28164.

2.2 Soils

A desktop survey of the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) Database for the site location was conducted on June 10, 2026. The soil data for the site indicates that the primary soil characteristics for the proposed site are the Simona-Upton Association (Appendix A). This soil association consists of calcareaous eolian deposit and is derived from sedimentary rock. This soil complex is well drained, with a 0-3% slope. There is petrocalcic restrictive feature 7-20" and the water table is greater than 80" below the surface.

2.3 Vegetative Communities

No previous site vegetation mapping data was identified during this desktop review. The site is in the Arid Llano Estacado, Semi-Arid High Plains and Prairies. The natural cover for this area mostly consists of shortgrass prairie and scrublands with an average annual precipitation of 18-20".

2.4 Hydrologic Features

The site is located within the Rio Grande Region watershed (HUC 12-130700070104) watershed (Appendix A), and the National Wetlands Inventory indicates no potential for surface water onsite (Appendix A). It does appear that runoff during high precipitation events may occur and drain towards the south-west and fill a catchment (Appendix A). Surface water was not observed onsite during the survey.

2.5 Potential Species

Upon the request of the New Mexico State Land Office (SLO), this survey is focused on the potential for active bird nests and rare species with potential for onsite presence. The survey included species identified by the USFWS with potential for onsite presence (Appendix D), which includes the following listed species: - Northern Aplomado Falcon (*Falco femoralis septentrionalis*) – USFWS Experimental Population and Monarch Butterfly (*Danaus plexippus*) – USFWS Proposed Threatened. The survey included raptors and active bird nests in compliance with Migratory Bird Treaty Act (MBTA).

3.0 Methods

Vertex prepared this special status species survey report for KP Kauffman Company, Inc. in preparation for the Remediation Plan to address soil impacts at well site State MX #1. The purpose of this survey is to determine onsite biological conditions and special status species compliance recommendations based on the likelihood of impacts to active bird nests and special status species and their associated habitat. The project included an environmental database review, a transect survey, and preparation of this report.

3.1 Updated Environmental Records and Database Review

Vertex conducted an environmental records and database review that consisted of utilizing federal and State resources to determine the potential impacts of project activities on special status species. Relevant data summaries from this review, methods and recommendations are included in this report. Several agency databases were reviewed, including:

- Soil data - Natural Resources Conservation Service, USDA
- State-listed species – New Mexico Rare Plants, NMRPTC; Information for Planning and Consultation, USFWS
- Wetlands and jurisdictional waters - National Wetlands Inventory, USFWS, USGS
- Ecoregions – United States Environmental Protection Agency

3.2 Field Work: Special Status Species Survey

Vertex was responsible for performing a nesting bird and special status species survey of the site to ensure compliance with the ESA, MBTA, and NMAC Title 19, Chapter 21, Part 2.8.

The Vertex biologist conducted a site visit on May 22, 2026, and took field notes to document site conditions, the presence or absence of active bird nests, if potential habitat for special status species was present, and relevant field observations. The survey was conducted within a 150-meter buffer surrounding the potential release delineation boundaries.

3.3 Agency Guidance

Upon the request of the SLO, this survey focused on the nesting birds and raptors with potential for onsite presence. Additionally, the survey included species identified by the USFWS with potential for onsite presence (Appendix D). This includes the following listed species: Northern Aplomado Falcon (*Falco femoralis septentrionalis*) – USFWS Experimental Population and Monarch Butterfly (*Danaus plexippus*) – USFWS Proposed Threatened.

4.0 Results and Discussion

The survey for the site included consideration of site conditions, habitats, and observed species (Appendix B). The Vertex biologist performed a special status species survey on May 22, 2026, to determine site conditions, the presence or absence of active bird nests, and the likelihood for special status species habitat. Each target rare species and their potential for being impacted by project activities are discussed below. Following the data review, field survey and agency consultation, it is unlikely that there are active bird nests or special status species onsite.

4.1 Site Conditions

The assessment was conducted on the following dates:

- May 22, 2026: 71-86°F, sunny to mostly sunny, 10-18 mph SW, no precipitation

The site and survey buffer consists of oil and gas infrastructure, access roads, and a nearby highway (Appendix C). The remaining portions of the site consist of honey mesquite, side oats grama, purple three awn, buffalo grass and broom snakeweed dominant habitat (Appendix C).

4.2 Habitats Present

The site consists of a vegetative habitat dominated by honey mesquite, side oats grama, purple three awn, buffalo grass and broom snakeweed (Appendix C).

4.3 Species Present

During the assessment, species observed onsite were documented in the field survey notes (Appendix B). No special status species or active bird nests were detected during the site visits.

4.4 Special-Status Species: Potential to Impact

Upon the request of the SLO, this survey focused on nesting birds and raptors in accordance to the Migratory Bird Treaty Act (MBTA). Additionally, the survey included species identified by the USFWS with potential for onsite presence (Appendix D). This includes the following listed species: Northern Aplomado Falcon (*Falco femoralis septentrionalis*) – USFWS Experimental Population and Monarch Butterfly (*Danaus plexippus*) – USFWS Proposed Threatened.

4.4.1 Northern Aplomado Falcon (*Falco femoralis ssp. septentrionalis*): USFWS EXPN

The northern aplomado falcon (*Falco femoralis septentrionalis*) is a falcon species with potential range in Arizona, New Mexico and Texas. Their plumage is distinctly marked with a gray back, rufus breast, and black and white facial pattern. They are larger than kestrels and are typically seen in pairs. Their preferred habitat includes extensive grasslands with few trees. They will utilize abandoned raven nests in yuccas and nest primarily from March to May, though egg laying has been observed between January and September.

The USFWS notes the potential for experimental populations in Lea County. Heavy machinery noises disturb nesting behavior and the USFWS encourages project managers to ensure that no nests are observed onsite during nesting season. No potential raptor nests or northern aplomado falcons were observed during the survey. If a northern aplomado falcon is observed flying within a few miles of the project site, the project manager is encouraged to call their biologist to ensure that no nesting pairs are in the area that would be impacted by project activities.

4.4.2 Monarch Butterfly (*Danaus plexippus*): Proposed Threatened

The monarch butterfly (*Danaus plexippus*) is a migratory butterfly that is bright orange with black wing edges and veins. They undergo long-distance, generational migrations from Canada to Mexico. They often utilize pine, fir and cedar trees as roosts at night during their migrations. Monarch butterflies eat nectar from a variety of flowers, but their larvae are dependent upon native milkweed plants.

Monarch butterflies are candidate species but are not yet listed or proposed for listing under the ESA. Their candidate status was listed on December 17, 2020. There is no critical habitat designated for this species. Therefore, monarch butterflies are not being considered for this Assessment. However, the USFWS encourages agencies to take advantage of opportunities to conserve the species. No milkweed were observed onsite, which are monarch butterfly host plants.

4.4.3 Raptors: MBTA and BGEPA

Several raptor species use the southeastern New Mexico region as either migratory or permanent residence habitat. Vertex personnel conducted raptor surveys to identify and inventory stick nests that are potentially constructed by raptors or corvids and protected under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA). No raptors or stick nests were observed on the site during this biological survey.

4.4.4 Nesting Birds: MBTA

Under the Migratory Bird Treaty Act (MBTA) listed in the Code of Federal Regulations, Title 50 Part 10.13 it is unlawful to negatively impact migratory bird nests, intentionally or unintentionally. This treaty includes native species that are game and non-game birds. Vertex personnel did not observe any active bird nests or nesting behaviors while on-site.

5.0 Conclusions

KP Kauffman Company, Inc. retained Vertex Resource Services, Inc. (Vertex) to conduct a nesting bird and special status species survey of State MX #1, ROE Permit RE-8046, for the purpose of ensuring compliance with the State Land Office (SLO) requirement of adherence to protecting active bird nests and State-listed threatened and endangered species (hereafter referred to as "survey"). The site is located adjacent to Highway 62 and County Road 43, approximately 50 miles east of Carlsbad, NM as well as approximately 22 miles west of Hobbs, NM on Highway 62 (GPS Location: 32.666031, -103.451439) in Lea County, New Mexico (hereafter referred to as "site"; Appendix A). The survey was conducted as part of the remediation / reclamation efforts to address soil impacts at well site State MX #1. The reclamation area and a 150-meter survey buffer at the site consists of approximately 30 acres.

The site and survey buffer consists oil and gas infrastructure, access roads, and a nearby highway (Appendix C). The remaining portions of the site consist of honey mesquite, side oats grama, purple three awn, buffalo grass and broom snakeweed dominant habitat (Figs. 8-15). During the survey, species were noted (Appendix B), and the site was assessed via 20-meter transects (Appendix A).

In the professional opinion of Vertex personnel, the survey site is unlikely to support the Northern Aplomado Falcon (*F. femoralis septentrionalis*) and Monarch butterflies (*D. plexippus*). No active bird nests nor raptors were observed during the survey. If nesting birds or special status species are identified during the proposed activities or plans change, the project manager should consult the Vertex biological team to review updated details to ensure continued compliance with the ESA, MBTA, and NMAC 19, Chapter 21, Part 2.8.

6.0 References

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USGS. (2024). *The National Map - Advanced Viewer*. [accessed 2026 June 10] https://apps.nationalmap.gov/viewer/

7.0 Limitations

This report has been prepared for the sole benefit of KP Kauffman Company, Inc. This document may not be used by any other person or entity, with the exception of the State Land Office and the United States Fish and Wildlife Service, without the express written consent of Vertex Resource Services, Inc. (Vertex) and KP Kauffman Company, Inc. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the review. Due to the nature of the review and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

Appendix A - Project Maps and Figures

Figure 1. Site Location Map

Figure 2. Survey Map – Boundaries and Reclamation Area

Figure 3. Survey Map – Boundaries and 20-meter Transects Used for Survey

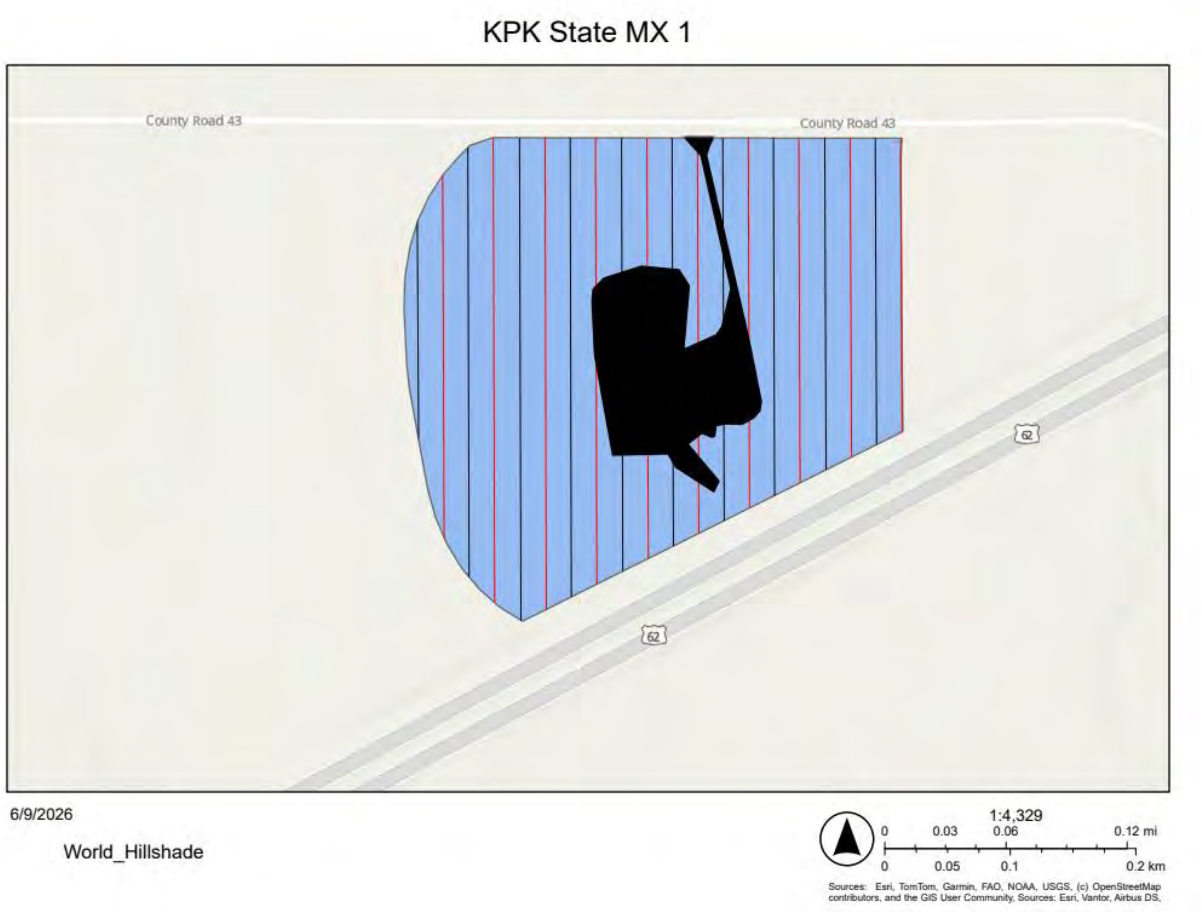
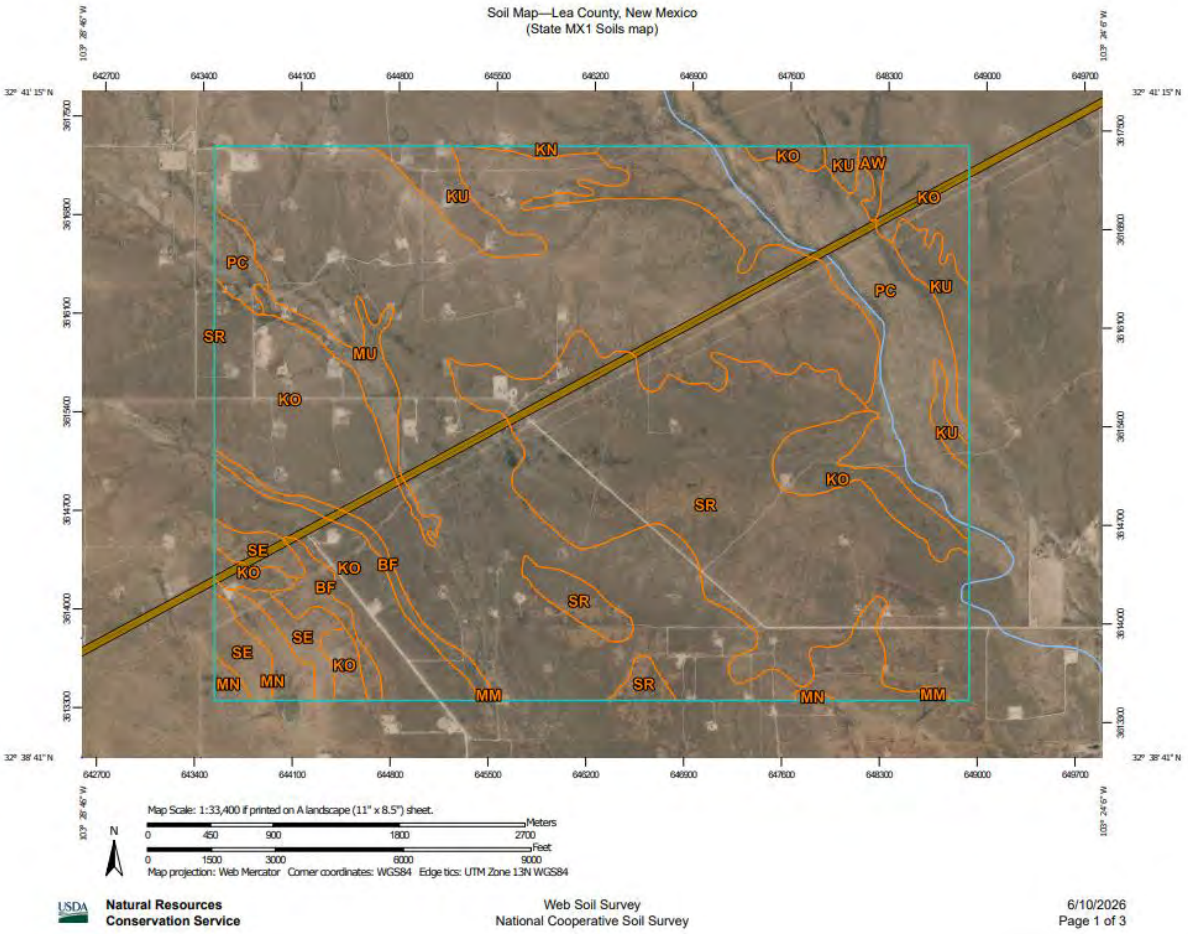


Figure 4. Soils Map



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AW	Arvana-Lea association	13.7	0.3%
BF	Berino-Cacique fine sandy loams association	97.8	1.9%
KN	Kimbrough loam, 0 to 3 percent slopes	11.0	0.2%
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	2,963.2	56.2%
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	178.0	3.4%
MM	Ratliff loam, 0 to 3 percent slopes	6.3	0.1%
MN	Ratliff-Wink fine sandy loams	63.5	1.2%
MU	Mixed alluvial land, frequently flooded	78.7	1.5%
PC	Portales loam, 0 to 3 percent slopes	559.6	10.6%
SE	Simona fine sandy loam, 0 to 3 percent slopes	123.9	2.4%
SR	Simona-Upton association	1,172.3	22.3%
Totals for Area of Interest		**5,268.3**	**100.0%**

Soil Map—Lea County, New Mexico
(State MX1 Soils map)

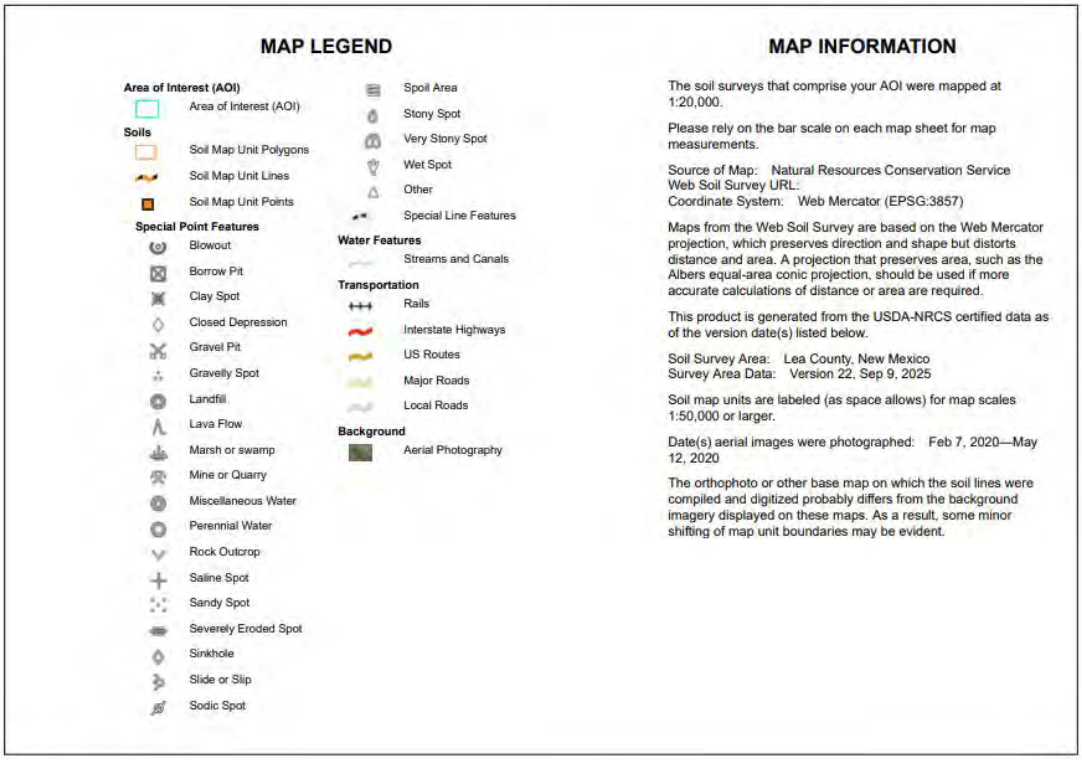


Figure 5. National Wetlands Inventory Map

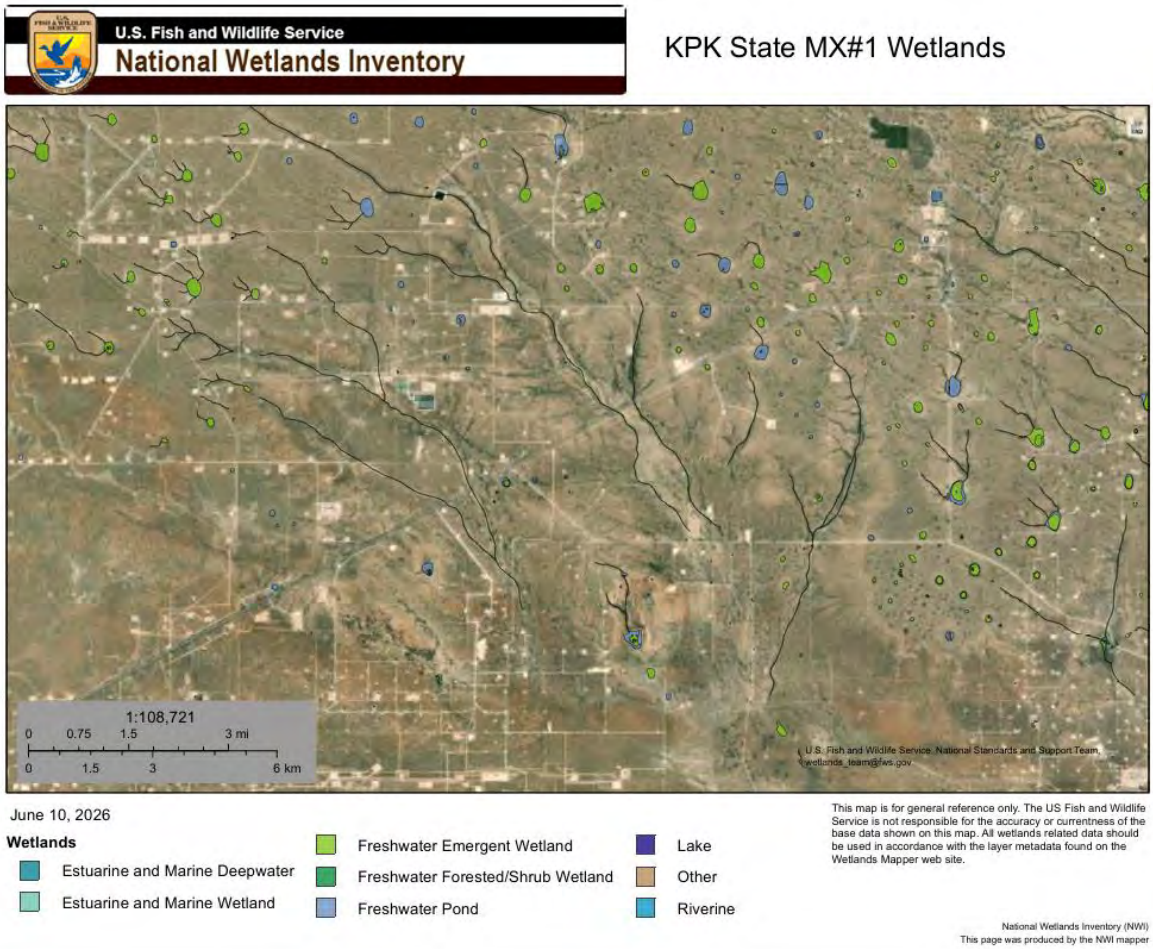


Figure 6. Hydrological Features Onsite and Across the Arid Llano Estacado Ecoregion

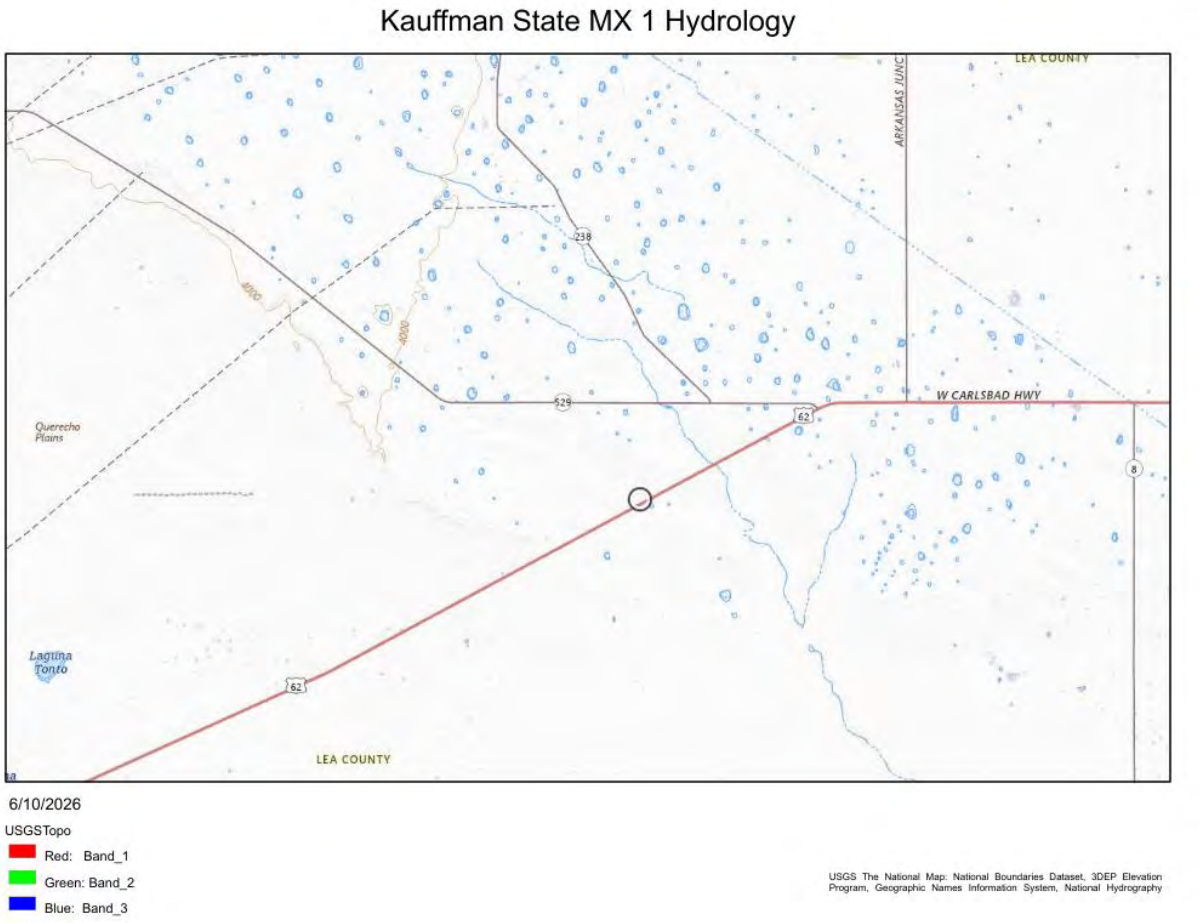
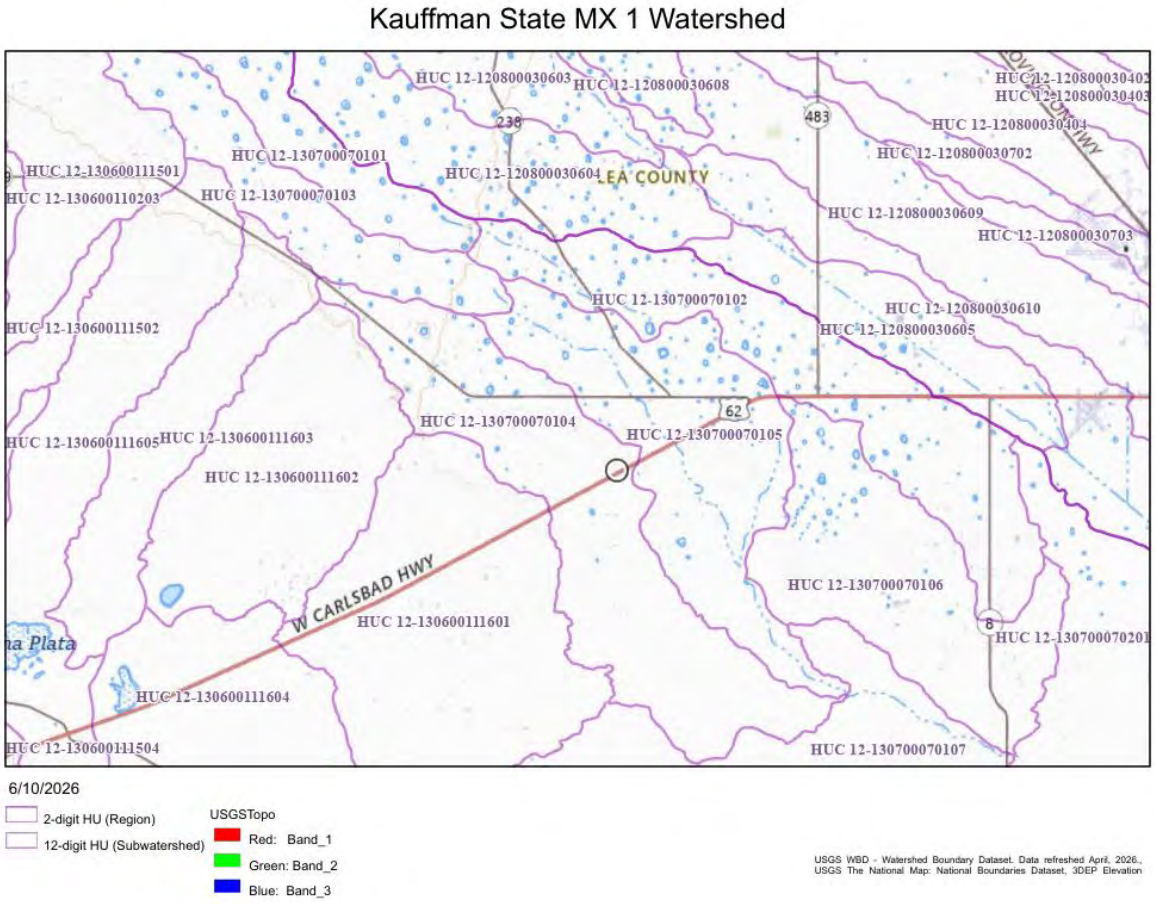


Figure 7. Watershed Map for Site



Appendix B - Species List

Table 1. Survey Species List

Common Name	Scientific Name	Special Status Species
Plants		
Broom snakeweed	*Gutierrezia sarothrae*	
Buffalograss	*Bouteloua dactyloides*	
Honey mesquite	*Neltuma glandulosa*	
Purple threeawn	*Aristida purpurea*	
Sideoats grama	*Bouteloua curtipendula*	
Birds		
Ash-throated flycatcher	*Myiarchus cinerascens*	
Cassin's sparrow	*Peucaea cassinii*	
Cave swallow	*Petrochelidon fulva*	
Chihuahuan raven	*Corvus cryptoleucus*	
Great-tailed grackle	*Quiscalus mexicanus*	
Lark sparrow	*Chondestes grammacus*	
Nighthawk sp.	*Chordeiles sp.*	
Scaled quail	*Callipepla squamata*	
Scissor-tailed flycatcher	*Tyrannus forficatus*	
White-winged dove	*Zenaida asiatica*	
Mammals		
Black-tailed jackrabbit	*Lepus californicus*	
Ground squirrel	Xerinae sp.	
Reptiles		
Common coachwhip	*Masticophis flagellum*	
New Mexico whiptail	*Aspidoscelis neomexicanus*	
Side-blotched lizard	*Uta sp.*	

Species observed onsite at State MX #1 during the Biological Survey on May 22, 2026

Appendix C – Site Photographs

Figure 1. Honey mesquite dominant vegetation

Figure 2. Access road for site

Figure 3. Honey mesquite and broom snakeweed vegetation onsite

Figure 4. Site conditions within the Remediation / Reclamation Area

Figure 5. Remediation / Reclamation Area

Figure 6. Representative site vegetation

Figure 7. Patches of dense mesquite and open areas

Figure 8. Representative vegetation facing with an out-of-service water tank in the background

Appendix D – Agency Consultation

United States Department of the Interior

FISH AND WILDLIFE SERVICE

New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
Phone: (505) 346-2525 Fax: (505) 346-2542

In Reply Refer To:
Project Code: 2026-0089619
Project Name: State MN #1

05/13/2026 19:14:41 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act as amended (16 USC 668-668(c)). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area, and to recommend some conservation measures that can be included in your project design.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the ESA of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the ESA is to provide a means whereby threatened and endangered species and

the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the ESA and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA; 42 USC 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico State agencies. These lists, along with species information, can be found at the following websites.

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program: https://www.emnrd.nm.gov/sfd/rare-plants/

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

Project code: 2026-0089619 05/13/2026 19:14:41 UTC

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html, integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

In addition to responsibilities to protect threatened and endangered species under the ESA, there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the Service (50 CFR 10.12 and 16 USC 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a Federal nexus) or a Bird/Eagle Conservation Plan (when there is no Federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds. We also recommend review of the Birds of Conservation Concern list (https://www.fws.gov/media/birds-conservation-concern-2021) to fully evaluate the effects to the birds at your site. This list identifies migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent top conservation priorities for the Service, and are potentially threatened by disturbance, habitat impacts, or other project development activities.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 thereby provides additional protection for both migratory birds and migratory bird habitat. Please visit https://www.fws.gov/partner/council-conservation-migratory-birds for information regarding the implementation of Executive Order 13186.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico

Project code: 2026-0089619 05/13/2026 19:14:41 UTC

Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State protected and at-risk species fish, wildlife, and plants.

For further consultation with the Service we recommend submitting inquiries or assessments electronically to our incoming email box at nmesfo@fws.gov, where it will be more promptly routed to the appropriate biologist for review.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
(505) 346-2525

Project code: 2026-0089619 05/13/2026 19:14:41 UTC

PROJECT SUMMARY

Project Code: 2026-0089619
Project Name: State MN #1
Project Type: Oil &Gas Well Maintenance
Project Description: Release remediation
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@32.66621695,-103.45147428740164,14z

Counties: Lea County, New Mexico

Project code: 2026-0089619 05/13/2026 19:14:41 UTC

ENDANGERED SPECIES ACT SPECIES

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

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BIRDS

NAME	STATUS
Northern Aplomado Falcon *Falco femoralis septentrionalis* Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923 General project design guidelines: https://ipac.ecosphere.fws.gov/project/LQN5LO36JJC7BIHIYSVXZHMDE4/documents/generated/8928.pdf	Experimental Population, Non-Essential

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

Appendix E

Daily Field Reports

Daily Field Log

Site: State MX 001

Client: KP Kauffman

05/27/2026

Location: Default Site Location

By: Austin Harris

Weather	Clear|Hot|Sunny	Contractor	
Staff On-site	Austin Harris	Contractor Crew	
Staff From Time		Equipment On Site	EM31
Tailgate meeting conducted	Yes	Incident ID Number	

Work Summary:

EM survey

Time	Observations
08:00:00	Completed safety paperwork on site
08:00:00	On site to conduct EM31 survey in horizontal dipole mode of the former production pad and immediate surrounding areas
08:00:00	Recent rain events has caused pooling in some low areas along access road and in pasture area, altering survey path.
09:00:00	Old metal fence long west edge with a parallel running, underground flow line.
09:00:00	Spoil pile remaining on site, approximately 100 yards of material.
09:00:00	Observed both excavations of former tank battery area and around wellhead.

Pictures/Attachments

Date: 05/27/2026
Time: 13:55
Notes: North-south running fence on West side of pad.
Latitude: 32.66551944444444
Longitude: -103.45191111111112
Direction: E

Daily Field Log

Site: State MX 001
Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:55 Notes: Looking North. North-South fence. Latitude: 32.66551944444444 Longitude: -103.45191111111112 Direction: E	
Date: 05/27/2026 Time: 13:55 Notes: Looking North. North-south fence running through thick mesquite brush. Latitude: 32.66638611111111 Longitude: -103.45214722222222 Direction: E	

VERTEX

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:55 Notes: Metal debris. Latitude: 32.66663611111111 Longitude: -103.45208611111111 Direction: E	
Date: 05/27/2026 Time: 13:55 Notes: Looking Southeast. North side of legacy pit Latitude: 32.66663611111111 Longitude: -103.45202222222223 Direction: E	

VERTEX

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:55 Notes: Looking South. Legacy pit. Latitude: 32.66663333333333 Longitude: -103.45201944444445 Direction: E	
Date: 05/27/2026 Time: 13:55 Notes: Looking North. Power lines extending south, from north main trunk line. Latitude: 32.66663611111111 Longitude: -103.45183333333334 Direction: E	

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:55 Notes: Looking Southwest. Middle of legacy pit, and power lines running south. Latitude: 32.66663333333333 Longitude: -103.45183055555556 Direction: E	
Date: 05/27/2026 Time: 13:55 Notes: Looking South. Legacy pit area. Latitude: 32.66678888888889 Longitude: -103.45159444444445 Direction: E	

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:55 Notes: Looking Southwest. South side of legacy pit area. Latitude: 32.66678888888889 Longitude: -103.45159444444445 Direction: E	
Date: 05/27/2026 Time: 13:56 Notes: Looking Southeast. Legacy pit area. Latitude: 32.66674166666667 Longitude: -103.45162222222223 Direction: N	

Daily Field Log

Site: State MX 001
Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:56 Notes: Looking Northwest. Northwest corner area of legacy pit. Latitude: 32.666491666666666 Longitude: -103.45171666666667 Direction: N	
Date: 05/27/2026 Time: 13:56 Notes: Looking Southwest. Southwest corner of legacy pit area. Latitude: 32.666488888888885 Longitude: -103.45170833333334 Direction: N	

Daily Field Log
Site: State MX 001
Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:56 Notes: Looking North. Aggregate pile on north side of legacy pit. Latitude: 32.66621388888889 Longitude: -103.45159166666667 Direction: N	
Date: 05/27/2026 Time: 13:56 Notes: Looking Southwest. P&A wellhead and surrounding excavation. Latitude: 32.666177777777776 Longitude: -103.45155555555556 Direction: N	

VERTEX

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:56 Notes: P&A wellhead and surrounding excavation. Latitude: 32.66612222222222 Longitude: -103.45151111111112 Direction: N	
Date: 05/27/2026 Time: 13:56 Notes: Looking west. Northwest corner of former pad. Latitude: 32.66594722222222 Longitude: -103.45147222222222 Direction: N	

VERTEX

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:56 Notes: Looking Southwest. Southwest area of former pad. Latitude: 32.66594722222222 Longitude: -103.45147222222222 Direction: N	
Date: 05/27/2026 Time: 13:56 Notes: Approximately 100 yards of spoil, staged on South side of site. Latitude: 32.66594722222222 Longitude: -103.45146944444444 Direction: N	

Daily Field Log
Site: State MX 001
Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:56 Notes: Looking South at South edge of site. Latitude: 32.66594722222222 Longitude: -103.45146944444444 Direction: N	
Date: 05/27/2026 Time: 13:57 Notes: Looking Southeast. Southeast access road that comes in from north and circles back north through the pad. Latitude: 32.665949999999995 Longitude: -103.45146944444444 Direction: N	

Daily Field Log

Site: State MX 001
Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:57 Notes: Looking east. East edge of pad. Latitude: 32.665949999999995 Longitude: -103.45146944444444 Direction: N	
Date: 05/27/2026 Time: 13:57 Notes: Looking Northeast. North access road that comes in from northeast corner of site. Latitude: 32.665949999999995 Longitude: -103.45146944444444 Direction: N	

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:57 Notes: Looking North. P&A wellhead and surrounding excavation. Latitude: 32.665949999999995 Longitude: -103.45146944444444 Direction: N	
Date: 05/27/2026 Time: 13:57 Notes: Looking South. West side of excavation surrounding former tank battery. Latitude: 32.66577222222222 Longitude: -103.45139444444445 Direction: N	

VERTEX

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:57 Notes: Looking South. Former Tank Battery, current excavation. Latitude: 32.66573611111111 Longitude: -103.45139444444445 Direction: N	
Date: 05/27/2026 Time: 13:57 Notes: Former Tank Battery, current excavation. At time of survey, recent rain events had filled excavation with rain water. Latitude: 32.66576111111111 Longitude: -103.45112777777778 Direction: N	

Daily Field Log
Site: State MX 001
Client: KP Kauffman

Pictures/Attachments

Date: 05/27/2026 Time: 13:57 Notes: Low area on South side of site filled with rain water that slightly altered survey walking path. Latitude: 32.66541111111111 Longitude: -103.4511888888889 Direction: N	
Date: 05/27/2026 Time: 13:57 Notes: Looking North. Possible underground flow line from wellhead to tank battery running north-south in middle of site. Latitude: 32.66576944444444 Longitude: -103.45137222222222 Direction: N	

Daily Field Log

Site: State MX 001

Client: KP Kauffman

Pictures/Attachments

Date:	05/27/2026
Time:	13:57
Notes:	Looking South. Possible underground flow line from wellhead to tank battery running north-south in middle of site.
Latitude:	32.66596111111111
Longitude:	-103.45139722222223
Direction:	N

Appendix F

Correspondence

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

QUESTIONS

Action 583340

QUESTIONS

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 583340
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2612633178**
Incident Name	**NAPP2612633178 STATE MX #001 @ 30-025-28164**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Received**
Incident Well	**[30-025-28164] STATE MX #001**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	State MX #001
Date Release Discovered	03/24/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Normal Operations | Tank (Any) | Crude Oil | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Normal Operations | Tank (Any) | Produced Water | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Released discovered during P&A activities.

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

General Information
Phone: (505) 629-6116

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https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 583340
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Daniel Motisi Title: Environmental Geologist Email: dmotisi@kpk.com Date: 05/11/2026

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

QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 583340
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 300 and 500 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 583340
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	5/12/2026

Appendix G

Laboratory Certificate of Analyses

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Cullen Chew
KP Kauffman
1700 Lincoln St
#4550
Denver, Colorado 80203

Generated 3/7/2025 2:11:36 PM

JOB DESCRIPTION

STATE MX #1

JOB NUMBER

890-7750-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

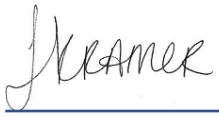
Eurofins Carlsbad

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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3/7/2025 2:11:36 PM

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

Client: KP Kauffman
Project/Site: STATE MX #1

Laboratory Job ID: 890-7750-1

Table of Contents

Definitions/Glossary

Client: KP Kauffman Job ID: 890-7750-1
Project/Site: STATE MX #1

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: KP Kauffman
Project: STATE MX #1

Job ID: 890-7750-1

Job ID: 890-7750-1 Eurofins Carlsbad

Job Narrative
890-7750-1

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

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

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

Receipt
The samples were received on 3/4/2025 2:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: FLOOR (890-7750-1), SOUTH WALL (890-7750-2), EAST WALL (890-7750-3), NORTH WALL (890-7750-4), WEST WALL (890-7750-5), NORTH DISCRETE @ 0.5' (890-7750-6), SOUTH DISCRETE @ 0.5' (890-7750-7), WEST DISCRETE @ 0.5' (890-7750-8), EAST DISCRETE @ 0.5' (890-7750-9), SOUTH DISCRETE @ 4' (890-7750-10), EAST DISCRETE @ 4' (890-7750-11), WEST DISCRETE @ 4' (890-7750-12) and NORTH DISCRETE @ 4' (890-7750-13).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-104401 recovered under the lower control limit for Benzene and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

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 880-104388 and analytical batch 880-104413 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: FLOOR (890-7750-1). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: FLOOR
Date Collected: 03/04/25 10:20
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/05/25 08:18	03/05/25 12:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/05/25 08:18	03/05/25 12:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/05/25 08:18	03/05/25 12:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/05/25 08:18	03/05/25 12:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/05/25 08:18	03/05/25 12:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/05/25 08:18	03/05/25 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*03/05/25 08:18*	*03/05/25 12:08*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/05/25 08:18*	*03/05/25 12:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/05/25 12:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**591**		49.7		mg/Kg			03/06/25 17:26	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	<49.7	U	49.7		mg/Kg		03/05/25 10:04	03/06/25 17:26	1
Diesel Range Organics (Over C10-C28)	**591**		49.7		mg/Kg		03/05/25 10:04	03/06/25 17:26	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/05/25 10:04	03/06/25 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*03/05/25 10:04*	*03/06/25 17:26*	*1*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*03/05/25 10:04*	*03/06/25 17:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**861**		9.92		mg/Kg			03/05/25 21:10	1

Client Sample ID: SOUTH WALL
Date Collected: 03/04/25 10:30
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/05/25 08:18	03/05/25 12:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/05/25 08:18	03/05/25 12:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/05/25 08:18	03/05/25 12:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/05/25 08:18	03/05/25 12:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/05/25 08:18	03/05/25 12:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/05/25 08:18	03/05/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/05/25 08:18*	*03/05/25 12:28*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/05/25 08:18*	*03/05/25 12:28*	*1*

Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: SOUTH WALL

Lab Sample ID: 890-7750-2
Matrix: Solid
Date Collected: 03/04/25 10:30
Date Received: 03/04/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/05/25 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/05/25 11:54	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	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 11:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*03/05/25 07:53*	*03/05/25 11:54*	*1*
o-Terphenyl	*87*		*70 - 130*	*03/05/25 07:53*	*03/05/25 11:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**165**		10.0		mg/Kg			03/05/25 21:16	1

Client Sample ID: EAST WALL

Lab Sample ID: 890-7750-3
Matrix: Solid
Date Collected: 03/04/25 10:43
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 12:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 12:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 12:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/05/25 08:18	03/05/25 12:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 12:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/05/25 08:18	03/05/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*03/05/25 08:18*	*03/05/25 12:49*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/05/25 08:18*	*03/05/25 12:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/05/25 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	**268**		49.8		mg/Kg			03/05/25 12:08	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	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 12:08	1
Diesel Range Organics (Over C10-C28)	**268**		49.8		mg/Kg		03/05/25 07:53	03/05/25 12:08	1

Eurofins Carlsbad

Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: EAST WALL
Lab Sample ID: 890-7750-3
Date Collected: 03/04/25 10:43
Matrix: Solid
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/05/25 07:53*	*03/05/25 12:08*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/05/25 07:53*	*03/05/25 12:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**403**		9.96		mg/Kg			03/05/25 21:22	1

Client Sample ID: NORTH WALL
Lab Sample ID: 890-7750-4
Date Collected: 03/04/25 10:48
Matrix: Solid
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 13:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 13:09	1
Ethylbenzene	**0.0145**		0.00198		mg/Kg		03/05/25 08:18	03/05/25 13:09	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/05/25 08:18	03/05/25 13:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 13:09	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/05/25 08:18	03/05/25 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*03/05/25 08:18*	*03/05/25 13:09*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*03/05/25 08:18*	*03/05/25 13:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0145**		0.00397		mg/Kg			03/05/25 13:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/05/25 12:23	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	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 12:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 12:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/05/25 07:53*	*03/05/25 12:23*	*1*
o-Terphenyl	*83*		*70 - 130*	*03/05/25 07:53*	*03/05/25 12:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		9.98		mg/Kg			03/05/25 21:28	1

Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: WEST WALL

Lab Sample ID: 890-7750-5
Date Collected: 03/04/25 10:54
Matrix: Solid
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 13:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 13:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 13:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/05/25 08:18	03/05/25 13:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 13:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/05/25 08:18	03/05/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/05/25 08:18*	*03/05/25 13:30*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/05/25 08:18*	*03/05/25 13:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/05/25 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/05/25 12:38	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	<49.7	U	49.7		mg/Kg		03/05/25 07:53	03/05/25 12:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/05/25 07:53	03/05/25 12:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/05/25 07:53	03/05/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/05/25 07:53*	*03/05/25 12:38*	*1*
o-Terphenyl	*93*		*70 - 130*	*03/05/25 07:53*	*03/05/25 12:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		9.98		mg/Kg			03/05/25 21:34	1

Client Sample ID: NORTH DISCRETE @ 0.5'

Lab Sample ID: 890-7750-6
Date Collected: 03/04/25 11:00
Matrix: Solid
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 13:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 13:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 13:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/05/25 08:18	03/05/25 13:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 13:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/05/25 08:18	03/05/25 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/05/25 08:18*	*03/05/25 13:50*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/05/25 08:18*	*03/05/25 13:50*	*1*

Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: NORTH DISCRETE @ 0.5'

Lab Sample ID: 890-7750-6
Matrix: Solid
Date Collected: 03/04/25 11:00
Date Received: 03/04/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/05/25 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/05/25 12:54	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	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 12:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 12:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*03/05/25 07:53*	*03/05/25 12:54*	*1*
o-Terphenyl	*75*		*70 - 130*	*03/05/25 07:53*	*03/05/25 12:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**906**		9.98		mg/Kg			03/05/25 21:51	1

Client Sample ID: SOUTH DISCRETE @ 0.5'

Lab Sample ID: 890-7750-7
Matrix: Solid
Date Collected: 03/04/25 11:03
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 14:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 14:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 14:11	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/05/25 08:18	03/05/25 14:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 14:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/05/25 08:18	03/05/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*03/05/25 08:18*	*03/05/25 14:11*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/05/25 08:18*	*03/05/25 14:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/05/25 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**104**		49.8		mg/Kg			03/05/25 13:08	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	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 13:08	1
Diesel Range Organics (Over C10-C28)	**104**		49.8		mg/Kg		03/05/25 07:53	03/05/25 13:08	1

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Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: SOUTH DISCRETE @ 0.5'

Lab Sample ID: 890-7750-7
Matrix: Solid
Date Collected: 03/04/25 11:03
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*03/05/25 07:53*	*03/05/25 13:08*	*1*
o-Terphenyl	*80*		*70 - 130*	*03/05/25 07:53*	*03/05/25 13:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**978**		9.98		mg/Kg			03/05/25 21:57	1

Client Sample ID: WEST DISCRETE @ 0.5'

Lab Sample ID: 890-7750-8
Matrix: Solid
Date Collected: 03/04/25 11:09
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 14:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 14:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 14:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/05/25 08:18	03/05/25 14:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 14:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/05/25 08:18	03/05/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/05/25 08:18*	*03/05/25 14:31*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/05/25 08:18*	*03/05/25 14:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/05/25 14:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**120**		50.0		mg/Kg			03/05/25 13:23	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	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 13:23	1
Diesel Range Organics (Over C10-C28)	**120**		50.0		mg/Kg		03/05/25 07:53	03/05/25 13:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*03/05/25 07:53*	*03/05/25 13:23*	*1*
o-Terphenyl	*80*		*70 - 130*	*03/05/25 07:53*	*03/05/25 13:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1380**		50.2		mg/Kg			03/06/25 08:43	5

Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: EAST DISCRETE @ 0.5'

Lab Sample ID: 890-7750-9
Matrix: Solid
Date Collected: 03/04/25 11:14
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 14:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 14:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 14:52	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		03/05/25 08:18	03/05/25 14:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 14:52	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/05/25 08:18	03/05/25 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/05/25 08:18*	*03/05/25 14:52*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/05/25 08:18*	*03/05/25 14:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/05/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/05/25 13:38	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	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 13:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 13:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/05/25 07:53*	*03/05/25 13:38*	*1*
o-Terphenyl	*83*		*70 - 130*	*03/05/25 07:53*	*03/05/25 13:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.8**		9.94		mg/Kg			03/05/25 22:21	1

Client Sample ID: SOUTH DISCRETE @ 4'

Lab Sample ID: 890-7750-10
Matrix: Solid
Date Collected: 03/04/25 11:37
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 16:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 16:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 16:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/05/25 08:18	03/05/25 16:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 16:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/05/25 08:18	03/05/25 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/05/25 08:18*	*03/05/25 16:26*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/05/25 08:18*	*03/05/25 16:26*	*1*

Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: SOUTH DISCRETE @ 4'

Lab Sample ID: 890-7750-10
Matrix: Solid
Date Collected: 03/04/25 11:37
Date Received: 03/04/25 14:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/05/25 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**165**		49.9		mg/Kg			03/05/25 14:07	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	<49.9	U	49.9		mg/Kg		03/05/25 07:53	03/05/25 14:07	1
Diesel Range Organics (Over C10-C28)	**165**		49.9		mg/Kg		03/05/25 07:53	03/05/25 14:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/05/25 07:53	03/05/25 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*03/05/25 07:53*	*03/05/25 14:07*	*1*
o-Terphenyl	*91*		*70 - 130*	*03/05/25 07:53*	*03/05/25 14:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**743**		9.92		mg/Kg			03/05/25 22:26	1

Client Sample ID: EAST DISCRETE @ 4'

Lab Sample ID: 890-7750-11
Matrix: Solid
Date Collected: 03/04/25 11:40
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 16:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 16:46	1
Ethylbenzene	**0.0142**		0.00198		mg/Kg		03/05/25 08:18	03/05/25 16:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/05/25 08:18	03/05/25 16:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/05/25 08:18	03/05/25 16:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/05/25 08:18	03/05/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*03/05/25 08:18*	*03/05/25 16:46*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/05/25 08:18*	*03/05/25 16:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0142**		0.00396		mg/Kg			03/05/25 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/05/25 14:21	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	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 14:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 14:21	1

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Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: EAST DISCRETE @ 4'

Lab Sample ID: 890-7750-11
Matrix: Solid
Date Collected: 03/04/25 11:40
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/05/25 07:53	03/05/25 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*03/05/25 07:53*	*03/05/25 14:21*	*1*
o-Terphenyl	*83*		*70 - 130*	*03/05/25 07:53*	*03/05/25 14:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		10.0		mg/Kg			03/05/25 22:32	1

Client Sample ID: WEST DISCRETE @ 4'

Lab Sample ID: 890-7750-12
Matrix: Solid
Date Collected: 03/04/25 11:42
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 17:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 17:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 17:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/05/25 08:18	03/05/25 17:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/05/25 08:18	03/05/25 17:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/05/25 08:18	03/05/25 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/05/25 08:18*	*03/05/25 17:07*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/05/25 08:18*	*03/05/25 17:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/05/25 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/05/25 14:35	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	<49.7	U	49.7		mg/Kg		03/05/25 07:53	03/05/25 14:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/05/25 07:53	03/05/25 14:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/05/25 07:53	03/05/25 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*03/05/25 07:53*	*03/05/25 14:35*	*1*
o-Terphenyl	*86*		*70 - 130*	*03/05/25 07:53*	*03/05/25 14:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**428**		9.96		mg/Kg			03/05/25 22:38	1

Client Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: NORTH DISCRETE @ 4'

Lab Sample ID: 890-7750-13
Matrix: Solid
Date Collected: 03/04/25 11:44
Date Received: 03/04/25 14:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 17:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 17:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 17:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/05/25 08:18	03/05/25 17:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 17:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/05/25 08:18	03/05/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/05/25 08:18*	*03/05/25 17:27*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/05/25 08:18*	*03/05/25 17:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/05/25 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/05/25 14:50	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	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 14:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 14:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/05/25 07:53*	*03/05/25 14:50*	*1*
o-Terphenyl	*84*		*70 - 130*	*03/05/25 07:53*	*03/05/25 14:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1430**		50.4		mg/Kg			03/06/25 08:49	5

Surrogate Summary

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-7750-1	FLOOR	97	97
890-7750-2	SOUTH WALL	96	98
890-7750-3	EAST WALL	93	90
890-7750-4	NORTH WALL	82	81
890-7750-5	WEST WALL	105	95
890-7750-6	NORTH DISCRETE @ 0.5'	108	95
890-7750-7	SOUTH DISCRETE @ 0.5'	113	92
890-7750-8	WEST DISCRETE @ 0.5'	104	91
890-7750-9	EAST DISCRETE @ 0.5'	108	94
890-7750-10	SOUTH DISCRETE @ 4'	96	91
890-7750-11	EAST DISCRETE @ 4'	83	90
890-7750-12	WEST DISCRETE @ 4'	109	91
890-7750-13	NORTH DISCRETE @ 4'	108	93
LCS 880-104391/1-A	Lab Control Sample	95	98
LCSD 880-104391/2-A	Lab Control Sample Dup	101	102
MB 880-104391/5-A	Method Blank	86	90

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-7750-1	FLOOR	141 S1+	136 S1+
890-7750-2	SOUTH WALL	94	87
890-7750-3	EAST WALL	93	94
890-7750-4	NORTH WALL	89	83
890-7750-5	WEST WALL	98	93
890-7750-6	NORTH DISCRETE @ 0.5'	80	75
890-7750-7	SOUTH DISCRETE @ 0.5'	82	80
890-7750-8	WEST DISCRETE @ 0.5'	86	80
890-7750-9	EAST DISCRETE @ 0.5'	91	83
890-7750-10	SOUTH DISCRETE @ 4'	94	91
890-7750-11	EAST DISCRETE @ 4'	90	83
890-7750-12	WEST DISCRETE @ 4'	93	86
890-7750-13	NORTH DISCRETE @ 4'	91	84
LCS 880-104304/2-A	Lab Control Sample	95	86
LCS 880-104388/2-A	Lab Control Sample	90	80
LCSD 880-104304/3-A	Lab Control Sample Dup	106	92
LCSD 880-104388/3-A	Lab Control Sample Dup	97	86
MB 880-104304/1-A	Method Blank	83	76
MB 880-104388/1-A	Method Blank	142 S1+	126

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-104391/5-A
Matrix: Solid
Analysis Batch: 104401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 11:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/05/25 08:18	03/05/25 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/05/25 08:18	03/05/25 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/05/25 08:18	03/05/25 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*03/05/25 08:18*	*03/05/25 11:26*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/05/25 08:18*	*03/05/25 11:26*	*1*

Lab Sample ID: LCS 880-104391/1-A
Matrix: Solid
Analysis Batch: 104401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104391

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1090		mg/Kg		109	70 - 130		
Toluene			0.100	0.1174		mg/Kg		117	70 - 130		
Ethylbenzene			0.100	0.1154		mg/Kg		115	70 - 130		
m-Xylene & p-Xylene			0.200	0.2081		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1089		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-104391/2-A
Matrix: Solid
Analysis Batch: 104401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 104391

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1117		mg/Kg		112	70 - 130	2	35
Toluene			0.100	0.1136		mg/Kg		114	70 - 130	3	35
Ethylbenzene			0.100	0.1115		mg/Kg		112	70 - 130	3	35
m-Xylene & p-Xylene			0.200	0.1993		mg/Kg		100	70 - 130	4	35
o-Xylene			0.100	0.1052		mg/Kg		105	70 - 130	3	35

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

QC Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

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

Lab Sample ID: MB 880-104304/1-A
Matrix: Solid
Analysis Batch: 104594

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104304

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/04/25 09:38	03/06/25 09:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/04/25 09:38	03/06/25 09:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/04/25 09:38	03/06/25 09:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*03/04/25 09:38*	*03/06/25 09:52*	*1*
o-Terphenyl	*76*		*70 - 130*	*03/04/25 09:38*	*03/06/25 09:52*	*1*

Lab Sample ID: LCS 880-104304/2-A
Matrix: Solid
Analysis Batch: 104594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104304

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1086		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1113		mg/Kg		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: LCSD 880-104304/3-A
Matrix: Solid
Analysis Batch: 104594

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 104304

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1186		mg/Kg		119	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1246		mg/Kg		125	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

Lab Sample ID: MB 880-104388/1-A
Matrix: Solid
Analysis Batch: 104413

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 06:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 06:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/05/25 07:53	03/05/25 06:43	1

QC Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

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

Lab Sample ID: MB 880-104388/1-A
Matrix: Solid
Analysis Batch: 104413

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 104388

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130	03/05/25 07:53	03/05/25 06:43	1
o-Terphenyl	126		70 - 130	03/05/25 07:53	03/05/25 06:43	1

Lab Sample ID: LCS 880-104388/2-A
Matrix: Solid
Analysis Batch: 104413

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 104388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1032		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1028		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	80		70 - 130

Lab Sample ID: LCSD 880-104388/3-A
Matrix: Solid
Analysis Batch: 104413

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 104388

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1014		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1080		mg/Kg		108	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	86		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-104437/1-A
Matrix: Solid
Analysis Batch: 104453

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/05/25 19:54	1

Lab Sample ID: LCS 880-104437/2-A
Matrix: Solid
Analysis Batch: 104453

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.8		mg/Kg		104	90 - 110

QC Sample Results

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-104437/3-A
Matrix: Solid
Analysis Batch: 104453

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	260.0		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-7750-5 MS
Matrix: Solid
Analysis Batch: 104453

Client Sample ID: WEST WALL
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	167		250	441.0		mg/Kg		110	90 - 110		

Lab Sample ID: 890-7750-5 MSD
Matrix: Solid
Analysis Batch: 104453

Client Sample ID: WEST WALL
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	167		250	440.5		mg/Kg		110	90 - 110	0	20

QC Association Summary

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

GC VOA

Prep Batch: 104391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-1	FLOOR	Total/NA	Solid	5035	
890-7750-2	SOUTH WALL	Total/NA	Solid	5035	
890-7750-3	EAST WALL	Total/NA	Solid	5035	
890-7750-4	NORTH WALL	Total/NA	Solid	5035	
890-7750-5	WEST WALL	Total/NA	Solid	5035	
890-7750-6	NORTH DISCRETE @ 0.5'	Total/NA	Solid	5035	
890-7750-7	SOUTH DISCRETE @ 0.5'	Total/NA	Solid	5035	
890-7750-8	WEST DISCRETE @ 0.5'	Total/NA	Solid	5035	
890-7750-9	EAST DISCRETE @ 0.5'	Total/NA	Solid	5035	
890-7750-10	SOUTH DISCRETE @ 4'	Total/NA	Solid	5035	
890-7750-11	EAST DISCRETE @ 4'	Total/NA	Solid	5035	
890-7750-12	WEST DISCRETE @ 4'	Total/NA	Solid	5035	
890-7750-13	NORTH DISCRETE @ 4'	Total/NA	Solid	5035	
MB 880-104391/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-104391/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-104391/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 104401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-1	FLOOR	Total/NA	Solid	8021B	104391
890-7750-2	SOUTH WALL	Total/NA	Solid	8021B	104391
890-7750-3	EAST WALL	Total/NA	Solid	8021B	104391
890-7750-4	NORTH WALL	Total/NA	Solid	8021B	104391
890-7750-5	WEST WALL	Total/NA	Solid	8021B	104391
890-7750-6	NORTH DISCRETE @ 0.5'	Total/NA	Solid	8021B	104391
890-7750-7	SOUTH DISCRETE @ 0.5'	Total/NA	Solid	8021B	104391
890-7750-8	WEST DISCRETE @ 0.5'	Total/NA	Solid	8021B	104391
890-7750-9	EAST DISCRETE @ 0.5'	Total/NA	Solid	8021B	104391
890-7750-10	SOUTH DISCRETE @ 4'	Total/NA	Solid	8021B	104391
890-7750-11	EAST DISCRETE @ 4'	Total/NA	Solid	8021B	104391
890-7750-12	WEST DISCRETE @ 4'	Total/NA	Solid	8021B	104391
890-7750-13	NORTH DISCRETE @ 4'	Total/NA	Solid	8021B	104391
MB 880-104391/5-A	Method Blank	Total/NA	Solid	8021B	104391
LCS 880-104391/1-A	Lab Control Sample	Total/NA	Solid	8021B	104391
LCSD 880-104391/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	104391

Analysis Batch: 104572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-1	FLOOR	Total/NA	Solid	Total BTEX	
890-7750-2	SOUTH WALL	Total/NA	Solid	Total BTEX	
890-7750-3	EAST WALL	Total/NA	Solid	Total BTEX	
890-7750-4	NORTH WALL	Total/NA	Solid	Total BTEX	
890-7750-5	WEST WALL	Total/NA	Solid	Total BTEX	
890-7750-6	NORTH DISCRETE @ 0.5'	Total/NA	Solid	Total BTEX	
890-7750-7	SOUTH DISCRETE @ 0.5'	Total/NA	Solid	Total BTEX	
890-7750-8	WEST DISCRETE @ 0.5'	Total/NA	Solid	Total BTEX	
890-7750-9	EAST DISCRETE @ 0.5'	Total/NA	Solid	Total BTEX	
890-7750-10	SOUTH DISCRETE @ 4'	Total/NA	Solid	Total BTEX	
890-7750-11	EAST DISCRETE @ 4'	Total/NA	Solid	Total BTEX	
890-7750-12	WEST DISCRETE @ 4'	Total/NA	Solid	Total BTEX	
890-7750-13	NORTH DISCRETE @ 4'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

GC Semi VOA

Prep Batch: 104304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-1	FLOOR	Total/NA	Solid	8015NM Prep	
MB 880-104304/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104304/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104304/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 104388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-2	SOUTH WALL	Total/NA	Solid	8015NM Prep	
890-7750-3	EAST WALL	Total/NA	Solid	8015NM Prep	
890-7750-4	NORTH WALL	Total/NA	Solid	8015NM Prep	
890-7750-5	WEST WALL	Total/NA	Solid	8015NM Prep	
890-7750-6	NORTH DISCRETE @ 0.5'	Total/NA	Solid	8015NM Prep	
890-7750-7	SOUTH DISCRETE @ 0.5'	Total/NA	Solid	8015NM Prep	
890-7750-8	WEST DISCRETE @ 0.5'	Total/NA	Solid	8015NM Prep	
890-7750-9	EAST DISCRETE @ 0.5'	Total/NA	Solid	8015NM Prep	
890-7750-10	SOUTH DISCRETE @ 4'	Total/NA	Solid	8015NM Prep	
890-7750-11	EAST DISCRETE @ 4'	Total/NA	Solid	8015NM Prep	
890-7750-12	WEST DISCRETE @ 4'	Total/NA	Solid	8015NM Prep	
890-7750-13	NORTH DISCRETE @ 4'	Total/NA	Solid	8015NM Prep	
MB 880-104388/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-104388/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-104388/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 104413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-2	SOUTH WALL	Total/NA	Solid	8015B NM	104388
890-7750-3	EAST WALL	Total/NA	Solid	8015B NM	104388
890-7750-4	NORTH WALL	Total/NA	Solid	8015B NM	104388
890-7750-5	WEST WALL	Total/NA	Solid	8015B NM	104388
890-7750-6	NORTH DISCRETE @ 0.5'	Total/NA	Solid	8015B NM	104388
890-7750-7	SOUTH DISCRETE @ 0.5'	Total/NA	Solid	8015B NM	104388
890-7750-8	WEST DISCRETE @ 0.5'	Total/NA	Solid	8015B NM	104388
890-7750-9	EAST DISCRETE @ 0.5'	Total/NA	Solid	8015B NM	104388
890-7750-10	SOUTH DISCRETE @ 4'	Total/NA	Solid	8015B NM	104388
890-7750-11	EAST DISCRETE @ 4'	Total/NA	Solid	8015B NM	104388
890-7750-12	WEST DISCRETE @ 4'	Total/NA	Solid	8015B NM	104388
890-7750-13	NORTH DISCRETE @ 4'	Total/NA	Solid	8015B NM	104388
MB 880-104388/1-A	Method Blank	Total/NA	Solid	8015B NM	104388
LCS 880-104388/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104388
LCSD 880-104388/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104388

Analysis Batch: 104577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-1	FLOOR	Total/NA	Solid	8015 NM	
890-7750-2	SOUTH WALL	Total/NA	Solid	8015 NM	
890-7750-3	EAST WALL	Total/NA	Solid	8015 NM	
890-7750-4	NORTH WALL	Total/NA	Solid	8015 NM	
890-7750-5	WEST WALL	Total/NA	Solid	8015 NM	
890-7750-6	NORTH DISCRETE @ 0.5'	Total/NA	Solid	8015 NM	
890-7750-7	SOUTH DISCRETE @ 0.5'	Total/NA	Solid	8015 NM	
890-7750-8	WEST DISCRETE @ 0.5'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

GC Semi VOA (Continued)

Analysis Batch: 104577 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-9	EAST DISCRETE @ 0.5'	Total/NA	Solid	8015 NM	
890-7750-10	SOUTH DISCRETE @ 4'	Total/NA	Solid	8015 NM	
890-7750-11	EAST DISCRETE @ 4'	Total/NA	Solid	8015 NM	
890-7750-12	WEST DISCRETE @ 4'	Total/NA	Solid	8015 NM	
890-7750-13	NORTH DISCRETE @ 4'	Total/NA	Solid	8015 NM	

Analysis Batch: 104594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-1	FLOOR	Total/NA	Solid	8015B NM	104304
MB 880-104304/1-A	Method Blank	Total/NA	Solid	8015B NM	104304
LCS 880-104304/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	104304
LCSD 880-104304/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	104304

HPLC/IC

Leach Batch: 104437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-1	FLOOR	Soluble	Solid	DI Leach	
890-7750-2	SOUTH WALL	Soluble	Solid	DI Leach	
890-7750-3	EAST WALL	Soluble	Solid	DI Leach	
890-7750-4	NORTH WALL	Soluble	Solid	DI Leach	
890-7750-5	WEST WALL	Soluble	Solid	DI Leach	
890-7750-6	NORTH DISCRETE @ 0.5'	Soluble	Solid	DI Leach	
890-7750-7	SOUTH DISCRETE @ 0.5'	Soluble	Solid	DI Leach	
890-7750-8	WEST DISCRETE @ 0.5'	Soluble	Solid	DI Leach	
890-7750-9	EAST DISCRETE @ 0.5'	Soluble	Solid	DI Leach	
890-7750-10	SOUTH DISCRETE @ 4'	Soluble	Solid	DI Leach	
890-7750-11	EAST DISCRETE @ 4'	Soluble	Solid	DI Leach	
890-7750-12	WEST DISCRETE @ 4'	Soluble	Solid	DI Leach	
890-7750-13	NORTH DISCRETE @ 4'	Soluble	Solid	DI Leach	
MB 880-104437/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-104437/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-104437/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-7750-5 MS	WEST WALL	Soluble	Solid	DI Leach	
890-7750-5 MSD	WEST WALL	Soluble	Solid	DI Leach	

Analysis Batch: 104453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-7750-1	FLOOR	Soluble	Solid	300.0	104437
890-7750-2	SOUTH WALL	Soluble	Solid	300.0	104437
890-7750-3	EAST WALL	Soluble	Solid	300.0	104437
890-7750-4	NORTH WALL	Soluble	Solid	300.0	104437
890-7750-5	WEST WALL	Soluble	Solid	300.0	104437
890-7750-6	NORTH DISCRETE @ 0.5'	Soluble	Solid	300.0	104437
890-7750-7	SOUTH DISCRETE @ 0.5'	Soluble	Solid	300.0	104437
890-7750-8	WEST DISCRETE @ 0.5'	Soluble	Solid	300.0	104437
890-7750-9	EAST DISCRETE @ 0.5'	Soluble	Solid	300.0	104437
890-7750-10	SOUTH DISCRETE @ 4'	Soluble	Solid	300.0	104437
890-7750-11	EAST DISCRETE @ 4'	Soluble	Solid	300.0	104437
890-7750-12	WEST DISCRETE @ 4'	Soluble	Solid	300.0	104437
890-7750-13	NORTH DISCRETE @ 4'	Soluble	Solid	300.0	104437

QC Association Summary

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

HPLC/IC (Continued)

Analysis Batch: 104453 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-104437/1-A	Method Blank	Soluble	Solid	300.0	104437
LCS 880-104437/2-A	Lab Control Sample	Soluble	Solid	300.0	104437
LCSD 880-104437/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	104437
890-7750-5 MS	WEST WALL	Soluble	Solid	300.0	104437
890-7750-5 MSD	WEST WALL	Soluble	Solid	300.0	104437

Lab Chronicle

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: FLOOR
Date Collected: 03/04/25 10:20
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-1
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	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 12:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 12:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/06/25 17:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104304	03/05/25 10:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104594	03/06/25 17:26	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 21:10	CH	EET MID

Client Sample ID: SOUTH WALL
Date Collected: 03/04/25 10:30
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-2
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	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 12:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 12:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 11:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 11:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 21:16	CH	EET MID

Client Sample ID: EAST WALL
Date Collected: 03/04/25 10:43
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-3
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			5.03 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 12:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 12:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 12:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 21:22	CH	EET MID

Client Sample ID: NORTH WALL
Date Collected: 03/04/25 10:48
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-4
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			5.04 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 13:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 13:09	AJ	EET MID

Lab Chronicle

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: NORTH WALL
Date Collected: 03/04/25 10:48
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-4
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	8015 NM		1			104577	03/05/25 12:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 12:23	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 21:28	CH	EET MID

Client Sample ID: WEST WALL
Date Collected: 03/04/25 10:54
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-5
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			4.99 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 13:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 12:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 12:38	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 21:34	CH	EET MID

Client Sample ID: NORTH DISCRETE @ 0.5'
Date Collected: 03/04/25 11:00
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-6
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			5.01 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 13:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 12:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 12:54	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 21:51	CH	EET MID

Client Sample ID: SOUTH DISCRETE @ 0.5'
Date Collected: 03/04/25 11:03
Date Received: 03/04/25 14:00

Lab Sample ID: 890-7750-7
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			5.05 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 14:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 13:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 13:08	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: KP Kauffman
Job ID: 890-7750-1
Project/Site: STATE MX #1

Client Sample ID: SOUTH DISCRETE @ 0.5'
Lab Sample ID: 890-7750-7
Date Collected: 03/04/25 11:03
Matrix: Solid
Date Received: 03/04/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 21:57	CH	EET MID

Client Sample ID: WEST DISCRETE @ 0.5'
Lab Sample ID: 890-7750-8
Date Collected: 03/04/25 11:09
Matrix: Solid
Date Received: 03/04/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 14:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 14:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 13:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 13:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	104453	03/06/25 08:43	CH	EET MID

Client Sample ID: EAST DISCRETE @ 0.5'
Lab Sample ID: 890-7750-9
Date Collected: 03/04/25 11:14
Matrix: Solid
Date Received: 03/04/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 14:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 13:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 13:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 22:21	CH	EET MID

Client Sample ID: SOUTH DISCRETE @ 4'
Lab Sample ID: 890-7750-10
Date Collected: 03/04/25 11:37
Matrix: Solid
Date Received: 03/04/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 16:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 16:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 14:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 14:07	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 22:26	CH	EET MID

Lab Chronicle

Client: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Client Sample ID: EAST DISCRETE @ 4'

Lab Sample ID: 890-7750-11
Matrix: Solid
Date Collected: 03/04/25 11:40
Date Received: 03/04/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 16:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 14:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 14:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 22:32	CH	EET MID

Client Sample ID: WEST DISCRETE @ 4'

Lab Sample ID: 890-7750-12
Matrix: Solid
Date Collected: 03/04/25 11:42
Date Received: 03/04/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 17:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 14:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 14:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	104453	03/05/25 22:38	CH	EET MID

Client Sample ID: NORTH DISCRETE @ 4'

Lab Sample ID: 890-7750-13
Matrix: Solid
Date Collected: 03/04/25 11:44
Date Received: 03/04/25 14:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	104391	03/05/25 08:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	104401	03/05/25 17:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			104572	03/05/25 17:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			104577	03/05/25 14:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	104388	03/05/25 07:53	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	104413	03/05/25 14:50	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	104437	03/05/25 10:51	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	104453	03/06/25 08:49	CH	EET MID

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

Accreditation/Certification Summary

Client: KP Kauffman
Job ID: 890-7750-1
Project/Site: STATE MX #1

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: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

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: KP Kauffman
Project/Site: STATE MX #1

Job ID: 890-7750-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-7750-1	FLOOR	Solid	03/04/25 10:20	03/04/25 14:00
890-7750-2	SOUTH WALL	Solid	03/04/25 10:30	03/04/25 14:00
890-7750-3	EAST WALL	Solid	03/04/25 10:43	03/04/25 14:00
890-7750-4	NORTH WALL	Solid	03/04/25 10:48	03/04/25 14:00
890-7750-5	WEST WALL	Solid	03/04/25 10:54	03/04/25 14:00
890-7750-6	NORTH DISCRETE @ 0.5'	Solid	03/04/25 11:00	03/04/25 14:00
890-7750-7	SOUTH DISCRETE @ 0.5'	Solid	03/04/25 11:03	03/04/25 14:00
890-7750-8	WEST DISCRETE @ 0.5'	Solid	03/04/25 11:09	03/04/25 14:00
890-7750-9	EAST DISCRETE @ 0.5'	Solid	03/04/25 11:14	03/04/25 14:00
890-7750-10	SOUTH DISCRETE @ 4'	Solid	03/04/25 11:37	03/04/25 14:00
890-7750-11	EAST DISCRETE @ 4'	Solid	03/04/25 11:40	03/04/25 14:00
890-7750-12	WEST DISCRETE @ 4'	Solid	03/04/25 11:42	03/04/25 14:00
890-7750-13	NORTH DISCRETE @ 4'	Solid	03/04/25 11:44	03/04/25 14:00

Environmental Analysis Request/C

890-7750 Chain of Custody

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Acct. # _____ Group # _____ Sample # _____

Client: KP Kauffman Company, Inc.			
Project Name/#: State MX#1	Site ID #:		
Project Manager: Cullen Chew	P.O. #:		
Sampler: Cullen Chew	PWSID #:		
Phone #: 720-868-9848	Quote #:		
State where samples were collected: NM	For Compliance: Yes ☑ No ☐		

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil	Sediment	Tissue	Water: Potable	Ground	Surface	NPDES	Other:	Total # of Containers	Benzene	BTEX	TPH	Chlorides	GRO	DRO
Floor	3/4/25	1020		1									1						
South wall		1030		1															
East Wall		1043		1															
North wall		1048		1															
West Wall		1054		1															
North Discrete @ 0.5'		1100	1																
South Discrete @ 0.5'		1103	1																
West Discrete @ 0.5'		1109	1																
East Discrete @ 0.5'		1114	1																

Analyses Requested / Preservation and Filtration Codes

For Lab Use Only
SF #:
SCR #:

Preservation Codes
H = HCl | T = Thiosulfate
N = HNO_3 | B = NaOH
S = H_2SO_4 | P = H_3PO_4
F = Field Filtered | O = Other

Remarks

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: CChew@kpk.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP)	☐	MA MCP	☐
Type III (Reduced non-CLP)	☐	CT RCP	☐
Type VI (Raw Data Only)	☐	TX TRRP-13	☐
NJ DKQP	☐	NYSDEC Category	☐ A or ☐ B

EDD Required? Yes ☐ No ☐ If yes, format: _____

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/4	2p	[signature]	3/4	2p
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

TNM007-0.2
Temperature upon receipt 0.2 C °C

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # _____ Group # _____ Sample # _____

Client:	KP Kauffman company Inc.		
Project Name/#:	State MX #1	Site ID #:	
Project Manager:	Cullen Chew	P.O. #:	
Sampler:	Cullen Chew	PWSID #:	
Phone #:	720-868-9848	Quote #:	
State where samples were collected:	NM	For Compliance: Yes ☑ No ☐	

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil/Sediment	Tissue	Water: Potable	Ground	NPDES	Surface	Other	Total # of Containers	Benzene	BTEX	TPH	Chlorides	GRO	DRO
South Discrete @ 4'	3/4	1137	1		☑							1						
East Discrete @ 4'		1140																
West Discrete @ 4'		1142																
North Discrete @ 4		1144																

Analyses Requested / Preservation and Filtration Codes

For Lab Use Only
SF #: _____
SCR #: _____

Preservation Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 P = H_3PO_4
F = Field Filtered O = Other

Remarks

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: cchew@kpk.com

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP)	☐	MA MCP	☐
Type III (Reduced non-CLP)	☐	CT RCP	☐
Type VI (Raw Data Only)	☐	TX TRRP-13	☐
NJ DKQP	☐	NYSDEC Category ☐ A or ☐ B	

EDD Required? Yes ☐ No ☐ If yes, format: _____

Relinquished by:	Date	Time	Received by:	Date	Time
Cullen Chew	3/4	2p	[signature]	3/4	2p
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Relinquished by Commercial Carrier:
UPS _____ FedEx _____ Other _____

TNM007 -0.2
Temperature upon receipt 0.2 °C

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 7045 0717

3782 617 663 03269 11/29 cw: 1490 Annex

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

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: 890-4666.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-7750-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 3/10/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: STATE MX #1	Project #: 89000202			
Site: N/A	SSOW#: N/A			

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)	8015MOD_Calc	8015MOD_NM/8015NM_S_Prep Full TPH	8021B/5035FP_Calc BTEX	Total_BTEX_GCV	300_ORGFM_28D/DI_LEACH Chloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
FLOOR (890-7750-1)	3/4/25	10:20 Mountain	G	Solid			X	X	X	X	X	1	
SOUTH WALL (890-7750-2)	3/4/25	10:30 Mountain	G	Solid			X	X	X	X	X	1	
EAST WALL (890-7750-3)	3/4/25	10:43 Mountain	G	Solid			X	X	X	X	X	1	
NORTH WALL (890-7750-4)	3/4/25	10:48 Mountain	G	Solid			X	X	X	X	X	1	
WEST WALL (890-7750-5)	3/4/25	10:54 Mountain	G	Solid			X	X	X	X	X	1	
NORTH DISCRETE @ 0.5' (890-7750-6)	3/4/25	11:00 Mountain	G	Solid			X	X	X	X	X	1	
SOUTH DISCRETE @ 0.5' (890-7750-7)	3/4/25	11:03 Mountain	G	Solid			X	X	X	X	X	1	
WEST DISCRETE @ 0.5' (890-7750-8)	3/4/25	11:09 Mountain	G	Solid			X	X	X	X	X	1	
EAST DISCRETE @ 0.5' (890-7750-9)	3/4/25	11:14 Mountain	G	Solid			X	X	X	X	X	1	

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 *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *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:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 3/5/25 0800	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:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: KP Kauffman Job Number: 890-7750-1

Login Number: 7750 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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: KP Kauffman Job Number: 890-7750-1

Login Number: 7750
List Number: 2
Creator: Lee, Randell

List Source: Eurofins Midland
List Creation: 03/05/25 08:04 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

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

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 608924

QUESTIONS

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 608924
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2612633178**
Incident Name	**NAPP2612633178 STATE MX #001 @ 30-025-28164**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Received**
Incident Well	**[30-025-28164] STATE MX #001**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	STATE MX #001
Date Release Discovered	03/24/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Normal Operations | Tank (Any) | Crude Oil | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Normal Operations | Tank (Any) | Produced Water | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Released discovered during P&A activities.

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QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 608924
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Daniel Motisi Title: Environmental Geologist Email: dmotisi@kpk.com Date: 07/29/2026

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QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 608924
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 300 and 500 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2090
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	591
GRO+DRO (EPA SW-846 Method 8015M)	591
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	08/24/2026
On what date will (or did) the final sampling or liner inspection occur	07/29/2025
On what date will (or was) the remediation complete(d)	09/30/2026
What is the estimated surface area (in square feet) that will be reclaimed	53064
What is the estimated volume (in cubic yards) that will be reclaimed	12257
What is the estimated surface area (in square feet) that will be remediated	53064
What is the estimated volume (in cubic yards) that will be remediated	12257
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 608924
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112340644 R360 ARTESIA LLC LANDFARM
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Daniel Motisi Title: Environmental Geologist Email: dmotisi@kpk.com Date: 07/29/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 608924
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS (continued)

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 608924
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	***{Unavailable.}***

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Operator: K P KAUFFMAN COMPANY INC 1700 Lincoln Street Denver, CO 80203	OGRID: 228296
	Action Number: 608924
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation plan is approved as written. KP Kauffman has 90-days (November 10, 2026) to submit to OCD its appropriate or final remediation closure report.	8/12/2026