CLOSURE REQUEST

KAISER-FRANCIS OIL COMPANY

Created for submission to New Mexico Oil Conservation Division on 07/20/2022

ASHLEY GIOVENGO
Project Environmental Scientist

ENERGIZING AMERICA

July 20, 2022

Chad Hensley, Bradford Billings, Robert Hamlet, Jennifer Nobui, and/or Nelson Velez
State of New Mexico
Energy, Minerals, and Natural Resources
New Mexico Oil Conservation Division
811 South First Street
Artesia, New Mexico 88210

RE: CLOSURE REQUEST

COMPANY	Kaiser-Francis Oil Company
LOCATION	Red Hills Federal 203H Facility Pad 5
API	30-025-47208
PLSS	Unit D Sec 31 T25S R33E
GPS	32.0934908, -103.616627
INCIDENT ID	nAPP22005249980

BACKGROUND

Wescom, Inc., hereafter referred to as Wescom, has prepared this Closure Request on behalf of Kaiser-Francis Oil Company, hereafter referred to as KFOC, regarding the release at the Red Hills Federal 203H Facility Pad 5 (Site) located in Unit D, Section 31, Township 25 South and Range 33 East in Lea County, New Mexico. The GPS coordinates are as follows: North 32.0934908 and West -103.616627. Surface owner of the Site is Limestone Basin Properties. The Site falls within New Mexico Oil Conservation Division (NMOCD), District 1 Hobbs.

On February 7, 2022, an Oilfield Water Logistics (OWL) free water knockout (FWKO) slop tank overflowed inside the tank containment. A small amount of fluid traveled down the catwalk stairs and onto the caliche pad. This failure resulted in the release of 10 barrels (bbls) of produced water and 1 barrel (bbl) of crude. KFOC immediately isolated the source of the leak and five bbls of produced water and 0.5 bbls of oil were recovered. KFOC immediately isolated the source of the leak. The spill area is located on the East side of the tank containment as shown in Figure 1.

A liner inspection was conducted on March 03, 2022, to verify that the liner inside the tank containment remained intact. Horizontal and vertical delineation sampling of the on-pad spill area was completed by Wescom personnel on March 28, 2022. Aaron Daniels of KFOC submitted an extension request to NMOCD on April 25, 2022, due to the ongoing facility expansion and onsite construction. On April 26, 2022, Robert

Hamlet of the NMOCD approved the extension request until August 07, 2022. Wescom personnel returned to the Site on June 23, 2022, to begin remediation of the on-pad spill area and to collect confirmation samples.

SURFACE & GROUND WATER

The New Mexico Office of the State Engineer (OSE) records indicates the nearest depth to groundwater measurement is 280 feet below ground surface (bgs) and is 1.18 miles Southeast of the Site. No playas or lakes are located within a one-mile radius of this Site (Attachment C).

KARST POTENTIAL

According to data from the Bureau of Land Management, this Site is located within medium karst potential as shown in Attachment D. There are no indicators of karst around the Site surface.

TARGET REMEDIAL LEVELS

The target cleanup levels are determined using the NMOCD Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC, inserted below) including karst guidelines from the Bureau of Land Management. This Site is in the medium karst potential zone and therefore, the applicable Recommended Remediation Action Levels (RRALs) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethyl benzene, and xylene (BTEX), 100 ppm Total Petroleum Hydrocarbons (TPH), and a chloride concentration at or below 600 mg/kg (ppm).

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Red Hills Facility Pad 5 — 32.093491, -103.616627						
Depth to Groundwater		**Closure Criteria (unites in mg/kg)**				
		Chloride * numberical limit or background, whichever is greater	TPH	GRO+DRO	BTEX	Benzene
Based on high karst potential		600	100		50	10
No water data within 0.5 mile radius		**600**	**100**		**50**	**10**
less than 50 ft bgs		600	100		50	10
51 ft to 100 ft bgs		10000	2500	1000	50	10
greater than 100 ft bgs	**280 ft**	20000	2500	1000	50	10
Surface Water	**Yes or No**	**If yes, then**				
< 300 feet from continuously flowing watercourse or other significant watercourse?	No					
< 200 feet from lakebed, sinkhole or playa lake	No					
Water Well or Water Source						
< 500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
< 1000 feet from fresh water well or spring?	No					
Human and Other Areas						
< 300 feet from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
< 100 feet from wetland?	No					
Within area overlying a subsurface mine?	No					
Within an unstable area?	No					
Within a 100-year floodplan?	No					

Table: Closure Criteria Statistics

SITE ASSESSMENT AND DELINEATION

On March 03, 2022, Wescom personnel competent in conducting inspections of on-site equipment and facilities, visited the Site to visually inspect the integrity of the liner. Prior to conducting the inspection, the NMOCD was provided with a 48-hour liner inspection notification on April 26, 2022 (Attachment F). Wescom personnel verified that there was no visual evidence of a breach in the containment liner. It was determined that the liner remains intact and had the ability to contain the leak in question. Photographs taken during the liner inspection are included in Attachment B.

KFOC contracted Wescom to conduct on-site delineation activities and to determine the horizontal and vertical extent of the spill area on March 28, 2022. A total of five samples were jarred and sent to Envirotech, Inc, for laboratory analysis and all samples were below the applicable RRALs for the Site. Delineation sample locations are presented in Figure 1; laboratory analysis results are presented in Table 1 and laboratory analytical reports are included in Attachment E.

REMEDIATION ACTIVITES

Beginning on June 23, 2022, Wescom personnel arrived on-site to oversee the removal of impacted soils and to perform confirmation sampling. A backhoe was used to remove approximately 180 cubic yards of contaminated soil from the spill area. A total of 13 composite confirmation samples were collected over the two-day sampling and excavation period. All the confirmation samples were below the applicable RRALs for the Site (see Table 2).

All soil samples were properly packaged, preserved, and transported to Envirotech, Inc. by chain of custody, and analyzed for Total Petroleum Hydrocarbons, or TPH, —Method 8015D, BTEX—Method 8021B, and Chlorides—Method 300.0. Confirmation sample locations are presented in Figure 2; laboratory analysis results are presented in Table 2 and laboratory analytical reports are included in Attachment E. Impacted material was disposed of at an approved disposal facility.

The required 48-hour confirmation sampling notification was sent on June 20, 2022, to Chad Hensley, Bradford Billings, Mike Bratcher, Robert Hamlet, Jennifer Nobui, and Nelson Velez, with the NMOCD in Santa Fe, New Mexico and is included in Attachment H.

REQUEST FOR CLOSURE

On behalf of KFOC, Wescom hereby requests closure for the release associate with incident number nAPP2205249980 based on the logic below.

- The release has been horizontally and vertically delineated.
- All confirmation areas and samples are below applicable RRALs for the Site.
- Impacted material was removed and properly disposed of at an approved facility.

If you have any questions or comments, please do not hesitate to call Mrs. Ashley Giovengo at (505) 382-1211.

Sincerely,

Wescom, Inc.

Ashley Giovengo
Project Environmental Scientist

cc: Aaron Daniels, Kaiser-Francis Oil Company
Hutton Andrew, Kaiser-Francis Oil Company
Chad Hensley, NMOCD
Bradford Billings, NMOCD
Robert Hamlet, NMOCD
Jennifer Nobui, NMOCD
Nelson Velez, NMOCD

REFERENCE MATERIALS

FIGURES

FIGURE 1. Delineation Sampling
FIGURE 2. Confirmation Sampling

TABLES

TABLE 1. Laboratory Analysis Results: Delineation Samples
TABLE 2. Laboratory Analysis Results: Confirmation Samples

ATTACHMENTS

ATTACHMENT A. C-141
ATTACHMENT B. Site Photos
ATTACHMENT C. Closure Criteria Supporting Documents
ATTACHMENT D. Karst Map

ATTACHMENT E. Envirotech Inc. Laboratory Analysis Reports
ATTACHMENT F. 48-hour Liner Inspection Notification Email
ATTACHMENT G. Extension Request Email
ATTACHMENT H. 48-hour Confirmation Sampling Notification Email

FIGURES

Laboratory Analysis Results				
Sample ID	Depth	BTEX	TPH	Cl
BG01	1	ND	ND	ND
SS01B	0	ND	ND	28.6
SS02G	0	ND	ND	245
SS03D	0	ND	ND	82.2
SS04B	0	ND	ND	46.9
SS05	1	ND	ND	55.7

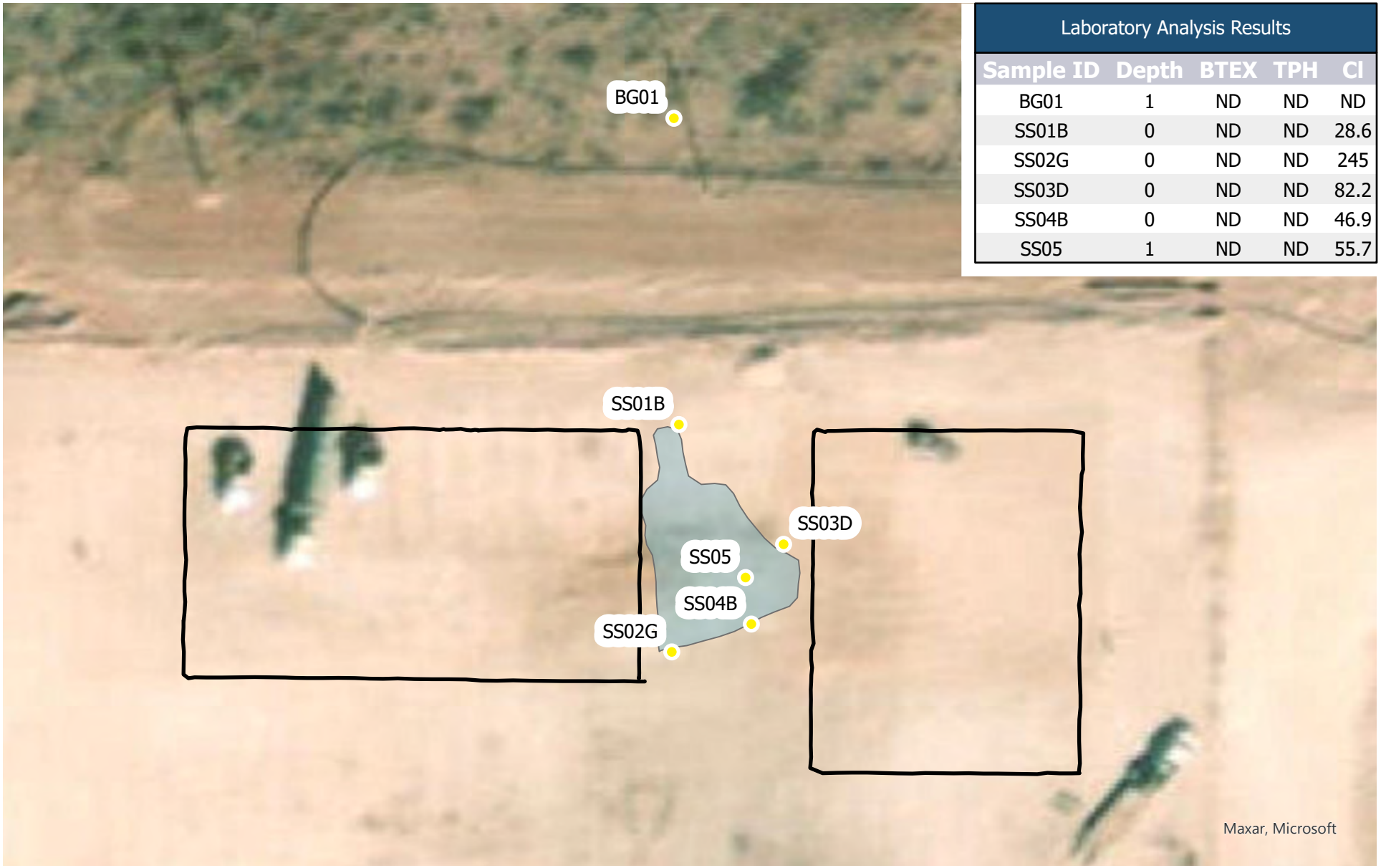


FIGURE 1. DELINEATION SAMPLING

Red Hills Federal 203H - Facility Pad 5
Incident ID: nAPP2205249980
API: 30-025-47208
GPS Coordinates: 32.0934908, -103.616627
Lea County, New Mexico
Kaiser-Francis Oil Company

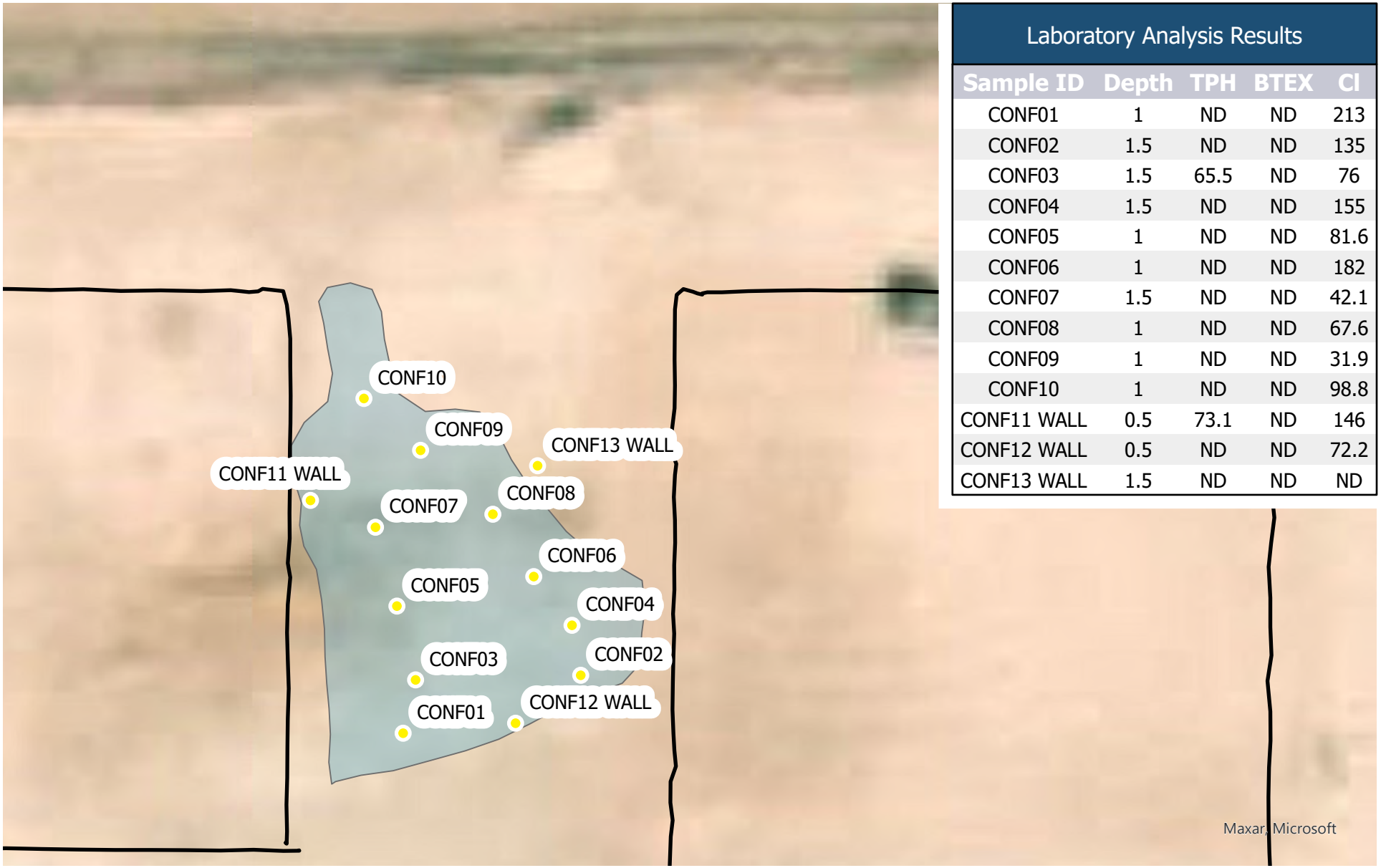
0 40 80 120 160 Feet

LEGEND

Delineation Sample Locations
Containments
Spill Area

N

WESCOM



Laboratory Analysis Results				
Sample ID	**Depth**	**TPH**	**BTEX**	**Cl**
CONF01	1	ND	ND	213
CONF02	1.5	ND	ND	135
CONF03	1.5	65.5	ND	76
CONF04	1.5	ND	ND	155
CONF05	1	ND	ND	81.6
CONF06	1	ND	ND	182
CONF07	1.5	ND	ND	42.1
CONF08	1	ND	ND	67.6
CONF09	1	ND	ND	31.9
CONF10	1	ND	ND	98.8
CONF11 WALL	0.5	73.1	ND	146
CONF12 WALL	0.5	ND	ND	72.2
CONF13 WALL	1.5	ND	ND	ND

FIGURE 2. CONFIRMATION SAMPLING

Red Hills Federal 203H - Facility Pad 5
Incident ID: nAPP2205249980
API: 30-025-47208
GPS Coordinates: 32.0934908, -103.616627
Lea County, New Mexico
Kaiser-Francis Oil Company

0 17.5 35 52.5 70 Feet

LEGEND

Confirmation Sample Locations
Containments
Spill Area

N

WESCOM

TABLES

Red Hills Federal 203H Facility Pad 5 | nAPP2205249980

Kaiser-Francis Oil Company | 07.18.2022

Table 1. Laboratory Analysis Results: Delineation Samples

Sample Description			Petroleum Hydrocarbons			Inorganic
			Volatile		Extractable	
Sample ID	Depth (ft.)	Date	Benzene (mk/kg)	BTEX (total) (mk/kg)	TPH (mk/kg)	Chloride (mk/kg)
Closure Criteria			**10**	**50**	**100**	**600**
SS01B	0	3/28/2022	ND	ND	ND	28.6
SS02G	0	3/28/2022	ND	ND	ND	245
SS03D	0	3/28/2022	ND	ND	ND	82.2
SS04B	0	3/28/2022	ND	ND	ND	46.9
SS05	1	3/28/2022	ND	ND	ND	55.7
BG01	0	3/28/2022	ND	ND	ND	ND
BG01	1	3/28/2022	ND	ND	ND	ND

ABBREVIATIONS

BTEX — Benzene, Toluene, Ethylene, Xylene
DRO — Diesel Range Organics
ft. — Feet
TPH — Total Petroleum Hydrocarbons
GRO — Gasoline Range Organics
ND — Non-detect
mg/kg — Milligrams per Kilogram

Notes

Bold Red - Results are above closure criteria
Gray Highlight - Background Samples

Red Hills Federal 203H Facility Pad 5 | nAPP2205249980

Kaiser-Francis Oil Company | 07.18.2022

Table 2. Laboratory Analysis Results: Confirmation Samples

Sample Description			Petroleum Hydrocarbons			Inorganic
			Volatile		Extractable	
Sample ID	Depth (ft.)	Date	Benzene (mk/kg)	BTEX (total) (mk/kg)	TPH (mk/kg)	Chloride (mk/kg)
Closure Criteria			**10**	**50**	**100**	**600**
CONF01	1	6/24/2022	ND	ND	ND	213
CONF02	1.5	6/24/2022	ND	ND	ND	135
CONF03	1.5	6/24/2022	ND	ND	65.5	76
CONF04	1.5	6/24/2022	ND	ND	ND	155
CONF05	1	6/24/2022	ND	ND	ND	81.6
CONF06	1	6/24/2022	ND	ND	ND	182
CONF07	1.5	6/24/2022	ND	ND	ND	42.1
CONF08	1	6/24/2022	ND	ND	ND	67.6
CONF09	1	6/24/2022	ND	ND	ND	31.9
CONF10	1	6/24/2022	ND	ND	ND	98.8
CONF11 Wall	0.5	6/24/2022	ND	ND	73.1	146
CONF12 Wall	0.5	6/24/2022	ND	ND	ND	72.2
CONF13 Wall	0.5	6/24/2022	ND	ND	ND	ND

ABBREVIATIONS

BTEX — Benzene, Toluene, Ethylene, Xylene
GRO — Gasoline Range Organics
DRO — Diesel Range Organics
ND — Non-detect
ft. — Feet
mg/kg — Milligrams per Kilogram
TPH — Total Petroleum Hydrocarbons

Notes

Bold Red - Results are above closure criteria
Gray Highlight - Background Samples

ATTACHMENT A

Signed C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2205249980
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Kaiser-Francis Oil Company	OGRID
Contact Name: Aaron Daniels	Contact Telephone: 918-491-4352
Contact email: aarond@kfoc.net	Incident # *(assigned by OCD)* nAPP2205249980
Contact mailing address: 6733 S. Yale, Tulsa, OK 74136	

Location of Release Source

Latitude 32.0934908 Longitude -103.616627
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Red Hills Federal 203H Facility Pad 5	Site Type: Tank Battery
Date Release Discovered: 02/07/2022	API# *(if applicable)* 30-025-47208

Unit Letter	Section	Township	Range	County
D	31	25S	33E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 1	Volume Recovered (bbls) 0.5
☒ Produced Water	Volume Released (bbls) 10	Volume Recovered (bbls) 5
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Red Hills Facility Pad 5 OWL FWKO slop tank overflowed into tank containment & a small amount went onto the ground. Manual override on RH 203H ESD was screwed in, cyclonic valve designed to stop flow to OWL FWKO slop tank, when OWL FWKO high levels, was bypassed, and OWL FWKO slop tank high level alarm was acknowledged, but issue was not addressed.

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2205249980
District RP	
Facility ID	
Application ID	

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

Initial Response

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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

Printed Name: Aaron Daniels Title: Sr. EHS Representative

Signature: _____ Date: 7/21/22

email: aarond@kfoc.net Telephone: 918-491-4352

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2205249980
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	280 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
☒ Field data
☒ Data table of soil contaminant concentration data
☒ Depth to water determination
☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
☒ Boring or excavation logs
☒ Photographs including date and GIS information
☒ Topographic/Aerial maps
☒ Laboratory data including chain of custody

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

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2205249980
District RP	
Facility ID	
Application ID	

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

Printed Name: Hutton Andrew

Title: EHS Representative

Signature:

Date: 05/06/2022

email: huttona@kfoc.net

Telephone: 918-491-4615

OCD Only

Received by: Jocelyn Harimon

Date: 07/27/2022

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2205249980
District RP	
Facility ID	
Application ID	

Closure

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

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

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

☒ Description of remediation activities

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

Printed Name: Hutton Andrew
Title: EHS Representative

Signature:
Date: 05/06/2022

email: huttona@kfoc.net
Telephone: 918-491-4615

OCD Only

Received by: Jocelyn Harimon
Date: 07/27/2022

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

Closure Approved by: Jennifer Nobui
Date: 07/28/2022

Printed Name: Jennifer Nobui
Title: Environmental Specialist A

ATTACHMENT B

Site Photos

Tank Containment Liner Inspection South Side

Liner Inspection Center of Containment

Liner Inspection Southwest Side

Liner Inspection Northeast Side

Spill Area

Delineation Sample Point SS01

Excavation of Spill Area with Backhoe

Excavation of Spill Area with Backhoe

Excavated Spill Area

Confirmation Sampling

ATTACHMENT C

Closure Criteria Supporting Documents

New Mexico Office of the State Engineer

Wells with Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right

(R=POD has been replaced, O=orphaned, C=the file is closed)

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

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD Subbasin	County	Source	q 64	q 16	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
C 04537 POD1		C	LE	Shallow	4	4	4	31	25S	33E	631847	3550243	1909	06/11/2021	06/12/2021	06/21/2021	500	280	WALLACE, BRYCE J.LEE.NER	1706
C 04485 POD1		CUB	LE		4	1	1	12	26S	32E	629039	3548125	3818	10/05/2020	10/06/2020	11/19/2020	55		HAMMER, RODNEY S.WARDENER	1186
C 04547 POD1		CUB	LE	Shallow	2	4	4	07	26S	33E	631686	3547262	4521	07/15/2021	07/15/2021	08/02/2021	112		ATKINS, JACKIE D.UELENER	1249
C 04549 POD1		CUB	LE		1	1	1	11	26S	32E	627111	3548316	4771	07/14/2021	07/14/2021	08/02/2021	0	0	ATKINS, JACKIE D.UELENER	1249

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 630539.78 **Northing (Y):** 3551635.92 **Radius:** 5000

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20E6C	C 04537 POD1	4	4	4	31	25S	33E	631847	3550243

Driller License: 1706 **Driller Company:** ELITE DRILLERS CORPORATION

Driller Name: WALLACE, BRYCE J.LEE.NER

Drill Start Date: 06/11/2021 **Drill Finish Date:** 06/12/2021 **Plug Date:**

Log File Date: 06/21/2021 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 5 GPM

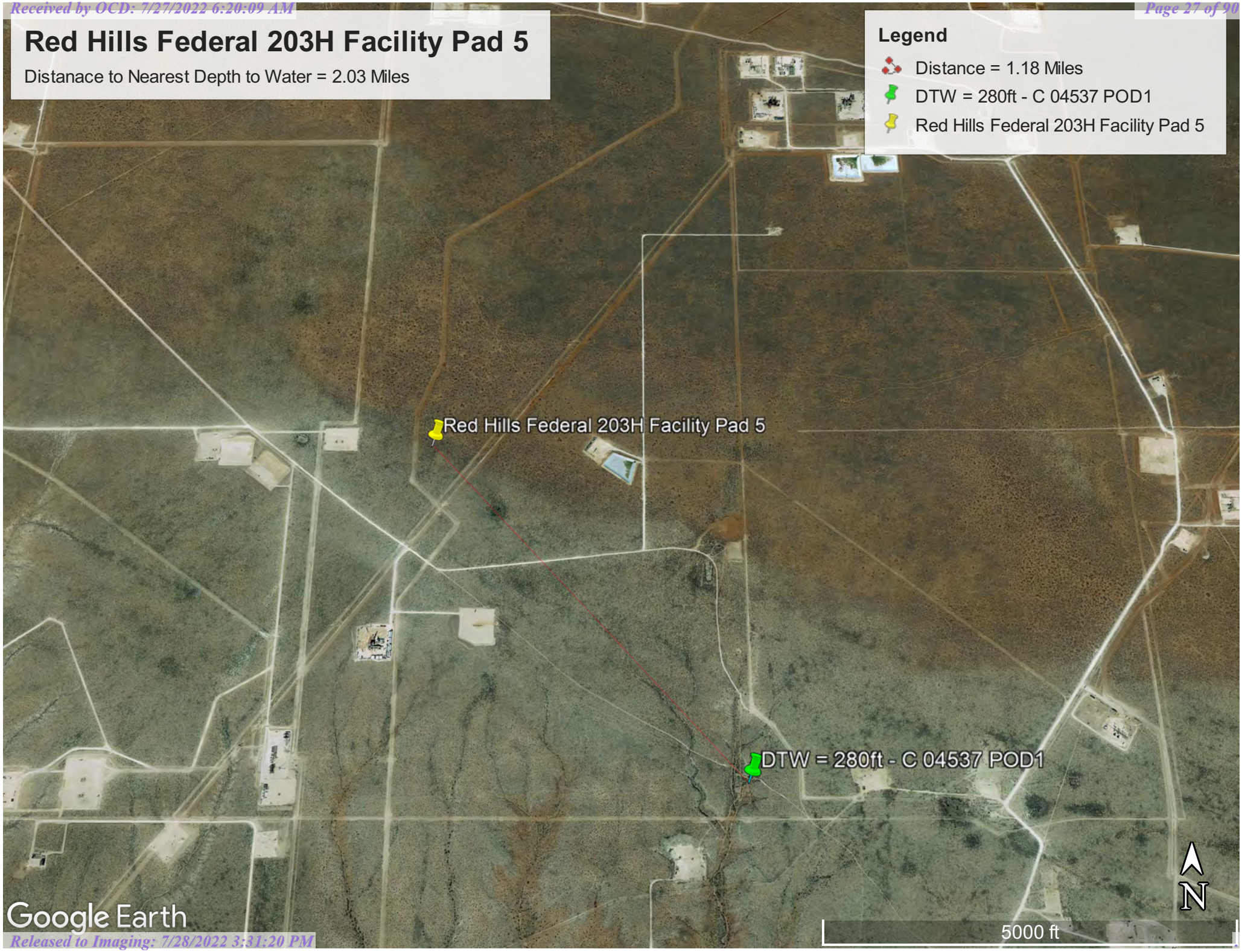
Casing Size: 4.00 **Depth Well:** 500 feet **Depth Water:** 280 feet

Water Bearing Stratifications:	Top	Bottom	Description
	220	340	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	300	500

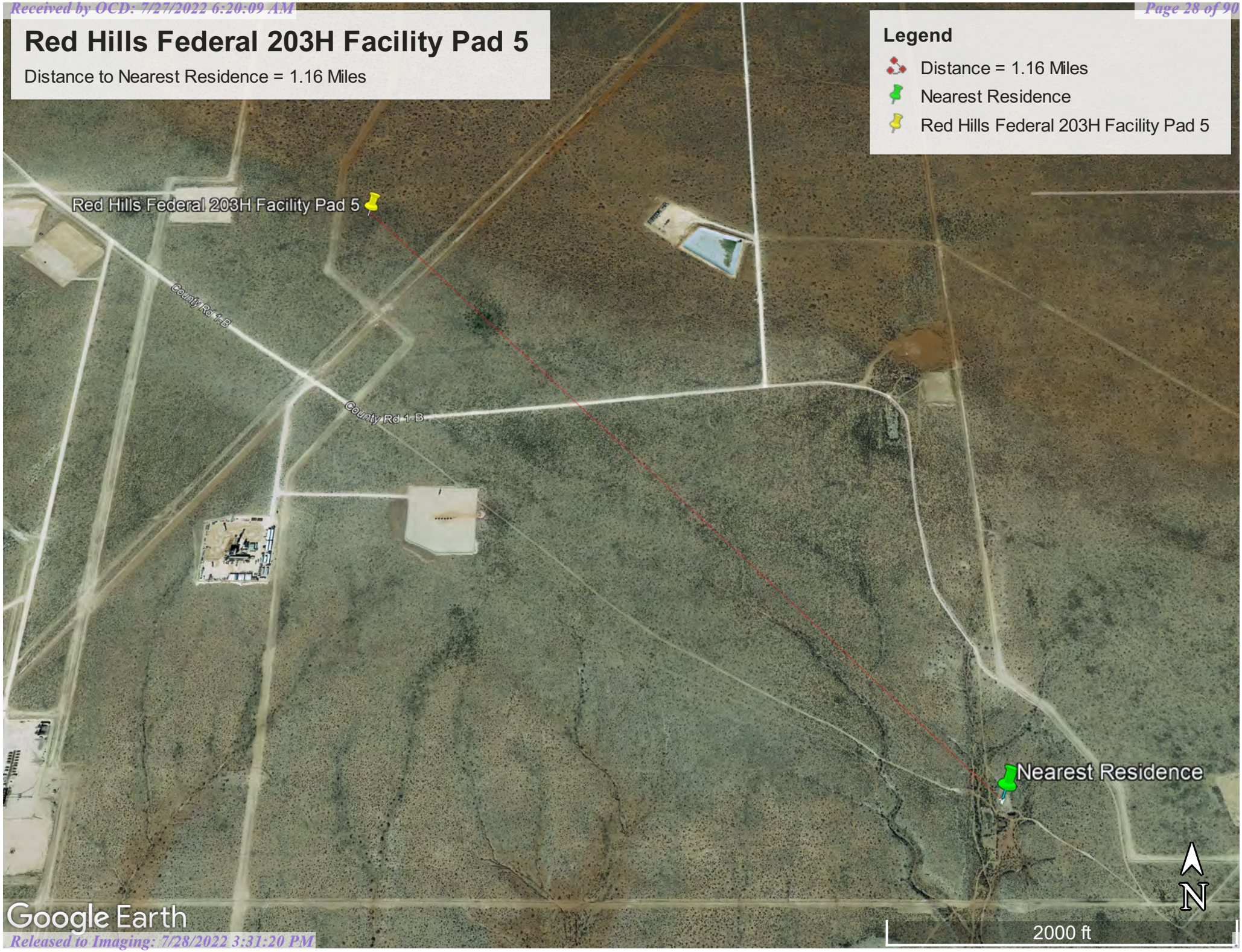
Red Hills Federal 203H Facility Pad 5

Distanace to Nearest Depth to Water = 2.03 Miles



Red Hills Federal 203H Facility Pad 5

Distance to Nearest Residence = 1.16 Miles



U.S. Fish and Wildlife Service
National Wetlands Inventory

Red Hills Fed 203H Facility Pad 5 - Wetland 1,331 Ft

February 23, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

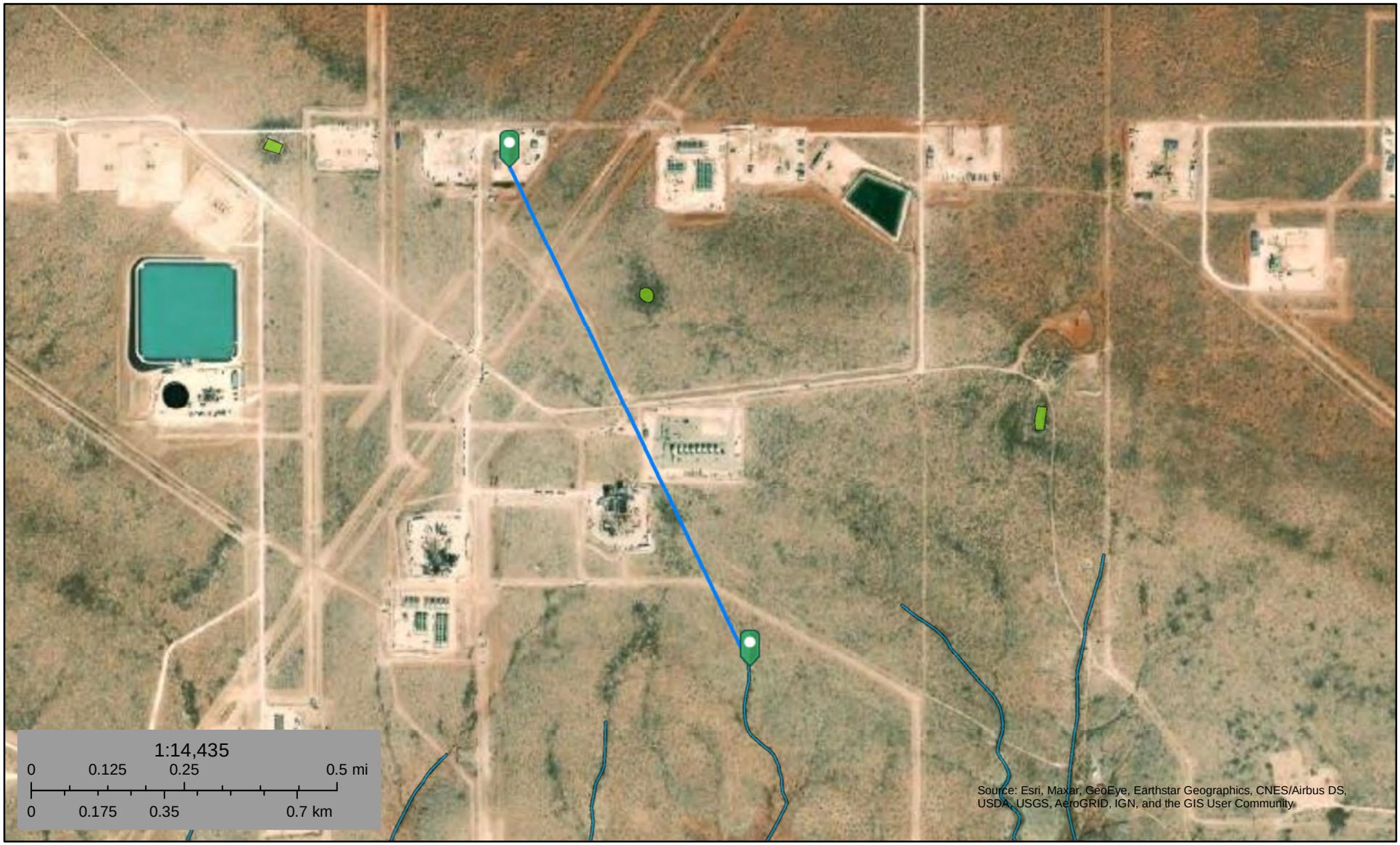
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

U.S. Fish and Wildlife Service

National Wetlands Inventory

Red Hills Fed 203H Facility Pad 5 - Riverine 4,041 Ft



February 23, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

U.S. Fish and Wildlife Service
National Wetlands Inventory

Red Hills Federal 203H Facility Pad 5 - FW Pond 1.43 Miles

July 20, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

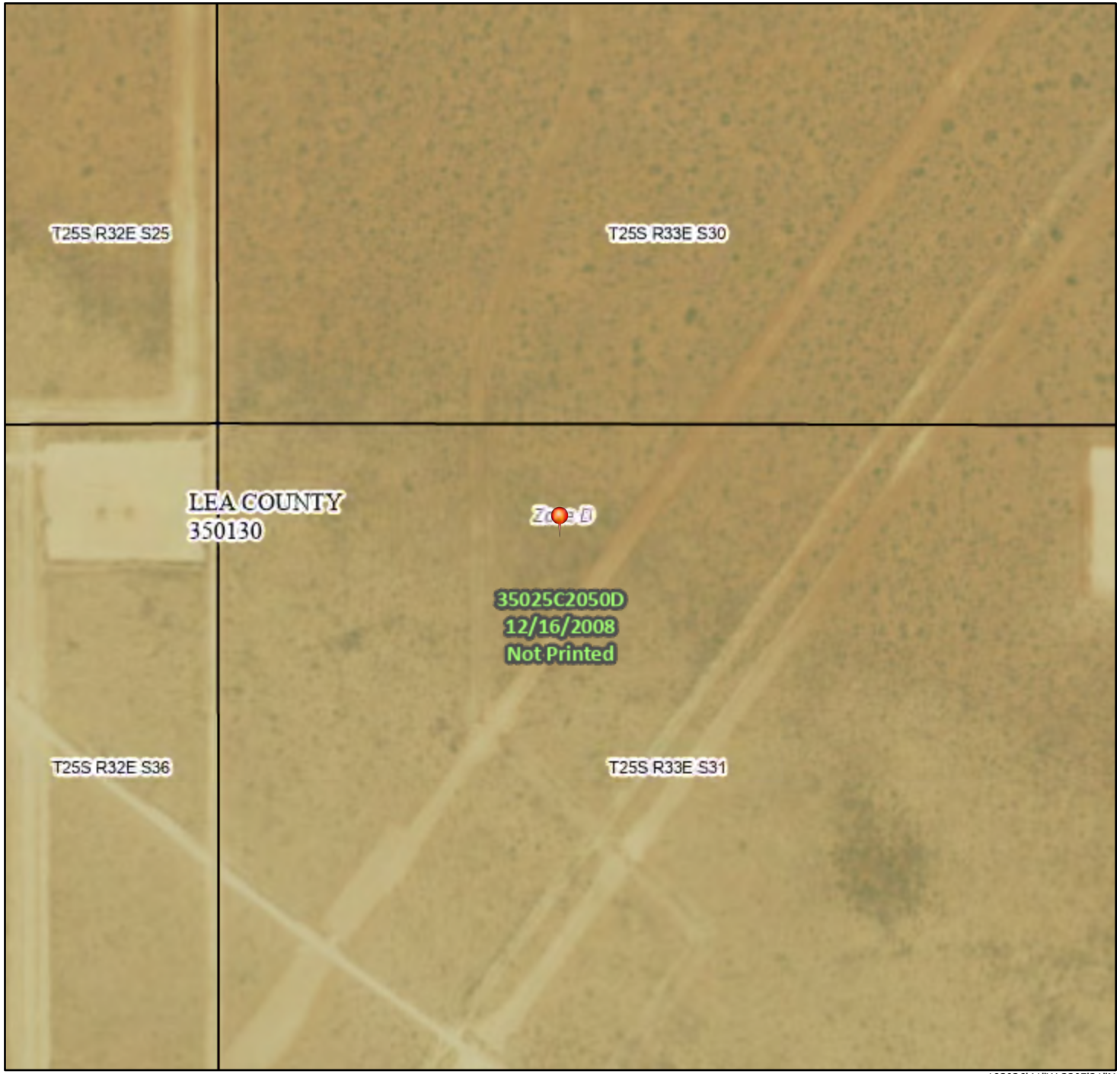
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

National Flood Hazard Layer FIRMette

FEMA

103°37'19"W 32°5'52"N



103°36'41"W 32°5'21"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

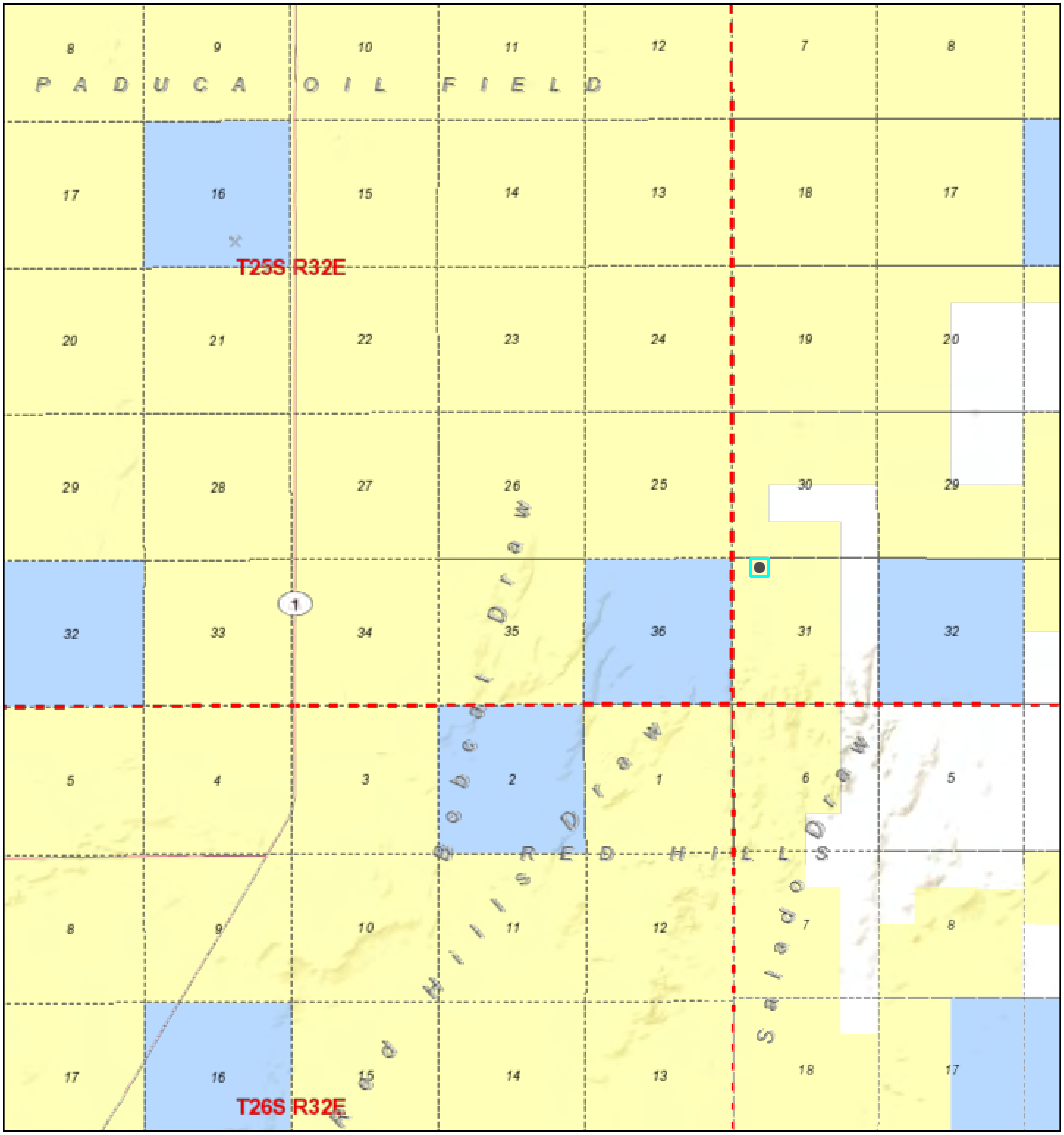
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/23/2022 at 4:39 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Active Mines Near Red Hills Fed 203H Facility Pad 5



2/23/2022, 2:17:14 PM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Township / Range
Sections
Land Ownership
Bureau of Land Management
Bureau of Reclamation
Department of Agriculture
Department of Defense
Department of Energy
National Park Service
Private Land
State Game and Fish
State Land
State Parks
Tribal

U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

EMNRD MMD GIS Coordinator
NM Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

ATTACHMENT D

Karst Map

Red Hills Federal 203H Facility Pad 5

Karst Potential = Medium

ATTACHMENT E

Envirotech Inc. Laboratory Analysis Reports

Report to:

Ashley Giovengo

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name:	Red Hills Federal 203H Facility Pad 5
Work Order:	E203195
Job Number:	21022-0001
Received:	3/31/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/6/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 4/6/22

Ashley Giovengo
1224 Standpipe Rd
Carlsbad, NM 88220

Project Name: Red Hills Federal 203H Facility Pad 5
Workorder: E203195
Date Received: 3/31/2022 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/31/2022 8:15:00AM, under the Project Name: Red Hills Federal 203H Facility Pad 5.

The analytical test results summarized in this report with the Project Name: Red Hills Federal 203H Facility Pad 5 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/06/22 16:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG01 - 0'	E203195-01A	Soil	03/28/22	03/31/22	Glass Jar, 4 oz.
BG01 - 1'	E203195-02A	Soil	03/28/22	03/31/22	Glass Jar, 4 oz.
SS01B - 0'	E203195-03A	Soil	03/28/22	03/31/22	Glass Jar, 4 oz.
SS02G - 0'	E203195-04A	Soil	03/28/22	03/31/22	Glass Jar, 4 oz.
SS03D - 0'	E203195-05A	Soil	03/28/22	03/31/22	Glass Jar, 4 oz.
SS04B - 0'	E203195-06A	Soil	03/28/22	03/31/22	Glass Jar, 4 oz.
SS05 - 1'	E203195-07A	Soil	03/28/22	03/31/22	Glass Jar, 4 oz.

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	21022-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

BG01 - 0'

E203195-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Benzene	ND	0.0250	1	04/01/22	04/04/22	
Ethylbenzene	ND	0.0250	1	04/01/22	04/04/22	
Toluene	ND	0.0250	1	04/01/22	04/04/22	
o-Xylene	ND	0.0250	1	04/01/22	04/04/22	
p,m-Xylene	ND	0.0500	1	04/01/22	04/04/22	
Total Xylenes	ND	0.0250	1	04/01/22	04/04/22	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*04/01/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/22	04/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*04/01/22*	*04/04/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2214081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/05/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/01/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215003
Chloride	ND	20.0	1	04/04/22	04/06/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	21022-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

BG01 - 1'

E203195-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Benzene	ND	0.0250	1	04/01/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/01/22	04/05/22	
Toluene	ND	0.0250	1	04/01/22	04/05/22	
o-Xylene	ND	0.0250	1	04/01/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/01/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/01/22	04/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/22	04/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2214081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/05/22	
Surrogate: n-Nonane		*106 %*	*50-200*	*04/01/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215024
Chloride	ND	20.0	1	04/06/22	04/06/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	21022-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

SS01B - 0'

E203195-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Benzene	ND	0.0250	1	04/01/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/01/22	04/05/22	
Toluene	ND	0.0250	1	04/01/22	04/05/22	
o-Xylene	ND	0.0250	1	04/01/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/01/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/01/22	04/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/22	04/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2214081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/05/22	
Surrogate: n-Nonane		*112 %*	*50-200*	*04/01/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215024
Chloride	**28.6**	20.0	1	04/06/22	04/06/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	21022-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

SS02G - 0'

E203195-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Benzene	ND	0.0250	1	04/01/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/01/22	04/05/22	
Toluene	ND	0.0250	1	04/01/22	04/05/22	
o-Xylene	ND	0.0250	1	04/01/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/01/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/01/22	04/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/22	04/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2214081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/05/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*04/01/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215024
Chloride	**245**	20.0	1	04/06/22	04/06/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	21022-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

SS03D - 0'

E203195-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Benzene	ND	0.0250	1	04/01/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/01/22	04/05/22	
Toluene	ND	0.0250	1	04/01/22	04/05/22	
o-Xylene	ND	0.0250	1	04/01/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/01/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/01/22	04/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/22	04/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2214081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/05/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/01/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215024
Chloride	**82.2**	20.0	1	04/06/22	04/06/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	21022-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

SS04B - 0'

E203195-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Benzene	ND	0.0250	1	04/01/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/01/22	04/05/22	
Toluene	ND	0.0250	1	04/01/22	04/05/22	
o-Xylene	ND	0.0250	1	04/01/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/01/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/01/22	04/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/22	04/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2214081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/05/22	
Surrogate: n-Nonane		*109 %*	*50-200*	*04/01/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215024
Chloride	**46.9**	20.0	1	04/06/22	04/06/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	21022-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

SS05 - 1'

E203195-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Benzene	ND	0.0250	1	04/01/22	04/05/22	
Ethylbenzene	ND	0.0250	1	04/01/22	04/05/22	
Toluene	ND	0.0250	1	04/01/22	04/05/22	
o-Xylene	ND	0.0250	1	04/01/22	04/05/22	
p,m-Xylene	ND	0.0500	1	04/01/22	04/05/22	
Total Xylenes	ND	0.0250	1	04/01/22	04/05/22	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2214079
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/01/22	04/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.5 %*	*70-130*	*04/01/22*	*04/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK			Batch: 2214081
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/22	04/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/22	04/05/22	
Surrogate: n-Nonane		*107 %*	*50-200*	*04/01/22*	*04/05/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2215024
Chloride	**55.7**	20.0	1	04/06/22	04/06/22	

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214079-BLK1)									Prepared: 04/01/22 Analyzed: 04/02/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.78*		*8.00*		*97.2*	*70-130*			
LCS (2214079-BS1)									Prepared: 04/01/22 Analyzed: 04/02/22
Benzene	4.50	0.0250	5.00		90.1	70-130			
Ethylbenzene	4.70	0.0250	5.00		93.9	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	4.72	0.0250	5.00		94.4	70-130			
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130			
Total Xylenes	14.2	0.0250	15.0		95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*97.0*	*70-130*			
LCS Dup (2214079-BSD1)									Prepared: 04/01/22 Analyzed: 04/02/22
Benzene	4.66	0.0250	5.00		93.2	70-130	3.34	20	
Ethylbenzene	4.86	0.0250	5.00		97.1	70-130	3.38	20	
Toluene	5.08	0.0250	5.00		102	70-130	3.39	20	
o-Xylene	4.86	0.0250	5.00		97.2	70-130	2.94	20	
p,m-Xylene	9.85	0.0500	10.0		98.5	70-130	3.31	20	
Total Xylenes	14.7	0.0250	15.0		98.1	70-130	3.19	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.7*	*70-130*			

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214079-BLK1)									Prepared: 04/01/22 Analyzed: 04/02/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.8*	*70-130*			
LCS (2214079-BS2)									Prepared: 04/01/22 Analyzed: 04/02/22
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.69*		*8.00*		*96.1*	*70-130*			
LCS Dup (2214079-BSD2)									Prepared: 04/01/22 Analyzed: 04/02/22
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		90.1	70-130	1.66	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.71*		*8.00*		*96.4*	*70-130*			

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2214081-BLK1)									Prepared: 04/01/22 Analyzed: 04/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.6*		*50.0*		*97.3*	*50-200*			
LCS (2214081-BS1)									Prepared: 04/01/22 Analyzed: 04/04/22
Diesel Range Organics (C10-C28)	488	25.0	500		97.7	38-132			
Surrogate: n-Nonane	*53.4*		*50.0*		*107*	*50-200*			
Matrix Spike (2214081-MS1)				**Source: E203195-04**					Prepared: 04/01/22 Analyzed: 04/04/22
Diesel Range Organics (C10-C28)	506	25.0	500	ND	101	38-132			
Surrogate: n-Nonane	*52.0*		*50.0*		*104*	*50-200*			
Matrix Spike Dup (2214081-MSD1)				**Source: E203195-04**					Prepared: 04/01/22 Analyzed: 04/04/22
Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	0.603	20	
Surrogate: n-Nonane	*54.5*		*50.0*		*109*	*50-200*			

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215003-BLK1)									Prepared: 04/04/22 Analyzed: 04/05/22
Chloride	ND	20.0							
LCS (2215003-BS1)									Prepared: 04/04/22 Analyzed: 04/05/22
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2215003-MS1)				**Source: E203191-01**					Prepared: 04/04/22 Analyzed: 04/05/22
Chloride	26200	2000	250	27600	NR	80-120			M2
Matrix Spike Dup (2215003-MSD1)				**Source: E203191-01**					Prepared: 04/04/22 Analyzed: 04/05/22
Chloride	24900	2000	250	27600	NR	80-120	4.95	20	M2

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/6/2022 4:38:09PM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2215024-BLK1)									Prepared: 04/06/22 Analyzed: 04/06/22
Chloride	ND	20.0							
LCS (2215024-BS1)									Prepared: 04/06/22 Analyzed: 04/06/22
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2215024-MS1)				**Source: E203195-02**					Prepared: 04/06/22 Analyzed: 04/06/22
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2215024-MSD1)				**Source: E203195-02**					Prepared: 04/06/22 Analyzed: 04/06/22
Chloride	254	20.0	250	ND	102	80-120	0.110	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	21022-0001	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/06/22 16:38

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

Project Information | Chain of Custody | PO 33163 | Page 1 of 1

Client: Kaiser Francis Oil Co	**Bill To**	Lab Use Only: Lab WO# E203195 / Job Number 21022-0001
Project: Red Hills Federal 203H Facility Pad 5	Attention: Wescom Inc	TAT: 1D / 2D / 3D / Standard: x
Project Manager: Ashley Giovengo	Address: 1224 Standpipe Rd	EPA Program: CWA / SDWA / RCRA
Address: 1224 Standpipe Rd	City, State, Zip: Carlsbad, NM 88220	State: NM x / CO / UT / AZ / TX
City, State, Zip: Carlsbad, NM 88220	Phone: 505-382-1211	
Phone: 505-382-1211	Email: ashley.giovengo@wescominc.com	
Email: ashley.giovengo@wescominc.com		
Report due by:		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
15:38	3/28/21	Soil	1 Jar	BG01 - 0'	1									X				
15:40	3/28/21	Soil	1 Jar	BG01 - 1'	2									X				
12:19	3/28/21	Soil	1 Jar	SS01B - 0'	3									X				
13:10	3/28/21	Soil	1 Jar	SS02G - 0'	4									X				
13:51	3/28/21	Soil	1 Jar	SS03D - 0'	5									X				
12:33	3/28/21	Soil	1 Jar	SS04B - 0'	6									X				
13:42	3/28/21	Soil	1 Jar	SS05 - 1'	7									X				

Additional Instructions: Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, ashley.giovengo@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	7-29-22	5:20	[signature]	3/29/22	17:20
[signature]	3/30/22	16:30	[signature]	3/31/22	8:15

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 3/31/2022 11:09:46AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Kaiser Francis Oil Company	Date Received:	03/31/22 08:15	Work Order ID:	E203195
Phone:	(505) 382-1211	Date Logged In:	03/29/22 17:59	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	04/05/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courrier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Ashley Giovengo

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name:	Red Hills Federal 203H Facility Pad 5
Work Order:	E206197
Job Number:	36107
Received:	6/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/6/22

Date Reported: 7/6/22

Ashley Giovengo
1224 Standpipe Rd
Carlsbad, NM 88220

Project Name: Red Hills Federal 203H Facility Pad 5
Workorder: E206197
Date Received: 6/28/2022 11:21:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 11:21:00AM, under the Project Name: Red Hills Federal 203H Facility Pad 5.

The analytical test results summarized in this report with the Project Name: Red Hills Federal 203H Facility Pad 5 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
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labadmin@envirotech-inc.com

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Technical Representative/Client Services
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Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	36107	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	07/06/22 17:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF01 - 1'	E206197-01A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF02 - 1.5'	E206197-02A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF03 - 1 .5'	E206197-03A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF04 - 1. 5'	E206197-04A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF05 - 1'	E206197-05A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF06 - 1'	E206197-06A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF07 - 1.5'	E206197-07A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF08 - 1'	E206197-08A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF09 - 1'	E206197-09A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF10 - 1'	E206197-10A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF11 WALL- .5'	E206197-11A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF12 WALL- .5'	E206197-12A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.
CONF13 WALL- 1.5'	E206197-13A	Soil	06/24/22	06/28/22	Glass Jar, 4 oz.

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF01 - 1'

E206197-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*101 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**213**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF02 - 1.5'

E206197-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**135**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF03 - 1 .5'

E206197-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.6 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	**65.5**	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*113 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**76.0**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF04 - 1. 5'

E206197-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*81.2 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**155**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF05 - 1'

E206197-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*104 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*124 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**81.6**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF06 - 1'

E206197-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*110 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**182**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF07 - 1.5'

E206197-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*114 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**42.1**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF08 - 1'

E206197-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*97.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*115 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**67.6**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF09 - 1'

E206197-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.1 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*101 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	06/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	06/29/22	
Surrogate: n-Nonane		*117 %*	*50-200*	*06/28/22*	*06/29/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**31.9**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF10 - 1'

E206197-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*111 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**98.8**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF11 WALL- .5'

E206197-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	**73.1**	25.0	1	06/28/22	07/02/22	T17
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*126 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**146**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF12 WALL- .5'

E206197-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*121 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	**72.2**	20.0	1	06/30/22	07/02/22	

Sample Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

CONF13 WALL- 1.5'

E206197-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Benzene	ND	0.0250	1	06/28/22	07/05/22	
Ethylbenzene	ND	0.0250	1	06/28/22	07/05/22	
Toluene	ND	0.0250	1	06/28/22	07/05/22	
o-Xylene	ND	0.0250	1	06/28/22	07/05/22	
p,m-Xylene	ND	0.0500	1	06/28/22	07/05/22	
Total Xylenes	ND	0.0250	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2227047
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/22	07/05/22	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*06/28/22*	*07/05/22*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*06/28/22*	*07/05/22*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2227055
Diesel Range Organics (C10-C28)	ND	25.0	1	06/28/22	07/02/22	
Oil Range Organics (C28-C36)	ND	50.0	1	06/28/22	07/02/22	
Surrogate: n-Nonane		*122 %*	*50-200*	*06/28/22*	*07/02/22*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: KL			Batch: 2227129
Chloride	ND	20.0	1	06/30/22	07/02/22	

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	36107	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227047-BLK1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS (2227047-BS1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	2.35	0.0250	2.50		94.0	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.7	70-130			
Toluene	2.30	0.0250	2.50		91.9	70-130			
o-Xylene	2.26	0.0250	2.50		90.5	70-130			
p,m-Xylene	4.52	0.0500	5.00		90.4	70-130			
Total Xylenes	6.78	0.0250	7.50		90.4	70-130			
Surrogate: Bromofluorobenzene	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			
LCS Dup (2227047-BSD1)									Prepared: 06/28/22 Analyzed: 07/05/22
Benzene	2.43	0.0250	2.50		97.3	70-130	3.51	23	
Ethylbenzene	2.50	0.0250	2.50		100	70-130	4.48	27	
Toluene	2.39	0.0250	2.50		95.8	70-130	4.16	24	
o-Xylene	2.34	0.0250	2.50		93.6	70-130	3.43	27	
p,m-Xylene	4.69	0.0500	5.00		93.8	70-130	3.67	27	
Total Xylenes	7.03	0.0250	7.50		93.7	70-130	3.59	27	
Surrogate: Bromofluorobenzene	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	36107	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227047-BLK1)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.488*		*0.500*		*97.6*	*70-130*			
Surrogate: Toluene-d8	*0.513*		*0.500*		*103*	*70-130*			
LCS (2227047-BS2)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	57.3	20.0	50.0		115	70-130			
Surrogate: Bromofluorobenzene	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.506*		*0.500*		*101*	*70-130*			
LCS Dup (2227047-BSD2)									Prepared: 06/28/22 Analyzed: 07/05/22
Gasoline Range Organics (C6-C10)	59.3	20.0	50.0		119	70-130	3.45	20	
Surrogate: Bromofluorobenzene	*0.503*		*0.500*		*101*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.487*		*0.500*		*97.4*	*70-130*			
Surrogate: Toluene-d8	*0.518*		*0.500*		*104*	*70-130*			

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	36107	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227055-BLK1)									Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*50-200*			
LCS (2227055-BS1)									Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	559	25.0	500		112	38-132			
Surrogate: n-Nonane	*58.9*		*50.0*		*118*	*50-200*			
Matrix Spike (2227055-MS1)				**Source: E206197-12**					Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	610	25.0	500	ND	122	38-132			
Surrogate: n-Nonane	*63.6*		*50.0*		*127*	*50-200*			
Matrix Spike Dup (2227055-MSD1)				**Source: E206197-12**					Prepared: 06/28/22 Analyzed: 06/29/22
Diesel Range Organics (C10-C28)	575	25.0	500	ND	115	38-132	5.87	20	
Surrogate: n-Nonane	*60.3*		*50.0*		*121*	*50-200*			

QC Summary Data

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	**Reported:**
1224 Standpipe Rd	Project Number:	36107	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	7/6/2022 5:21:35PM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2227129-BLK1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	ND	20.0							
LCS (2227129-BS1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	250	20.0	250		100	90-110			
LCS Dup (2227129-BSD1)									Prepared: 06/30/22 Analyzed: 07/02/22
Chloride	254	20.0	250		102	90-110	1.43	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Kaiser Francis Oil Company	Project Name:	Red Hills Federal 203H Facility Pad 5	
1224 Standpipe Rd	Project Number:	36107	**Reported:**
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	07/06/22 17:21

T17	The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

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

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

PO: 36107

Project Information | Chain of Custody | Page 1 of 2

Project Information	Bill To	Lab Use Only		TAT	EPA Program
Client: Kaiser Francis Oil Co					
Project: Red Hills Federal 203H Facility Pad 5	Attention: Wescom Inc	Lab WO#: E206197	Job Number: 21022-0001	1D / 2D / 3D / Standard: x	CWA / SDWA
Project Manager: Ashley Giovengo	Address: 1224 Standpipe Rd				RCRA
Address: 1224 Standpipe Rd	City, State, Zip: Carlsbad, NM 88220	Analysis and Method			
City, State, Zip: Carlsbad, NM 88220	Phone: 505-382-1211				State: NM x, CO, UT, AZ, TX
Phone: 505-382-1211	Email: ashley.giovengo@wescominc.com				
Email: ashley.giovengo@wescominc.com					
Report due by:					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
8:48	6/24/22	Soil	1 Jar	CONF01 - 1'	1									x				
11:32	6/24/22	Soil	1 Jar	CONF02 - 1.5'	2									x				
11:41	6/24/22	Soil	1 Jar	CONF03 - 1.5'	3									x				
11:44	6/24/22	Soil	1 Jar	CONF04 - 1.5'	4									x				
9:11	6/24/22	Soil	1 Jar	CONF05 - 1'	5									x				
9:19	6/24/22	Soil	1 Jar	CONF06 - 1'	6									x				
11:54	6/24/22	Soil	1 Jar	CONF07 - 1.5'	7									x				
9:28	6/24/22	Soil	1 Jar	CONF08 - 1'	8									x				
9:34	6/24/22	Soil	1 Jar	CONF09 - 1'	9									x				
9:47	6/24/22	Soil	1 Jar	CONF10 - 1'	10									x				

Additional Instructions: Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, ashley.giovengo@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	6-27-2022	12:18p	[signature]	6-27-22	1:00
[signature]	6-27-22	4:15p	[signature]	6/28/22	11:21

Lab Use Only

Received on Ice: (Y) / N

T1 ____ T2 ____ T3 ____

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Project Information | Chain of Custody | PO: 360107 | Page 2 of 2

Client: Kaiser Francis Oil Co	**Bill To**
Project: Red Hills Federal 203H Facility Pad 5	Attention: Wescom Inc
Project Manager: Ashley Giovengo	Address: 1224 Standpipe Rd
Address: 1224 Standpipe Rd	City, State, Zip: Carlsbad, NM 88220
City, State, Zip: Carlsbad, NM 88220	Phone: 505-382-1211
Phone: 505-382-1211	Email: ashley.giovengo@wescominc.com
Email: ashley.giovengo@wescominc.com	
Report due by:	

Lab Use Only

Lab WO# E206197 | Job Number 21032-0001 | Analysis and Method

TAT: 1D | 2D | 3D | Standard (x)

EPA Program: CWA | SDWA | RCRA

State: NM (x) | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:57	6/24/22	Soil	1 Jar	CONF11 - .5'	11							X		
11:21	6/24/22	Soil	1 Jar	CONF12 - .5'	12							X		
12:41	6/24/22	Soil	1 Jar	CONF13 - 1.5'	13							X		

Additional Instructions: Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, ashley.giovengo@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6.27.2022	12:18p		6-27-22	1:15
	6-27-22	4.15		6/28/22	11:21
	Date	Time		Date	Time

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Envirotech Analytical Laboratory

Printed: 6/28/2022 12:55:14PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Kaiser Francis Oil Company	Date Received:	06/28/22 11:21	Work Order ID:	E206197
Phone:	(505) 382-1211	Date Logged In:	06/28/22 08:20	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	07/05/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: UPS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Project Information | Chain of Custody | PO: 36107 | Page 1 of 2

Client: Kaiser Francis Oil Co	Bill To	Lab Use Only
Project: Red Hills Federal 203H Facility Pad 5	Attention: Wescom Inc	Lab WO# E206197 Job Number 21022.0001
Project Manager: Ashley Giovengo	Address: 1224 Standpipe Rd	
Address: 1224 Standpipe Rd	City, State, Zip: Carlsbad, NM 88220	
City, State, Zip: Carlsbad, NM 88220	Phone: 505-382-1211	
Phone: 505-382-1211	Email: ashley.giovengo@wescominc.com	
Email: ashley.giovengo@wescominc.com		
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			x		
					RCRA

State: NM x | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:48	6/24/22	Soil	1 Jar	CONF01 - 1'	1							X		
11:32	6/24/22	Soil	1 Jar	CONF02 - 1.5'	2							X		
11:41	6/24/22	Soil	1 Jar	CONF03 - 1.5'	3							X		
11:44	6/24/22	Soil	1 Jar	CONF04 - 1.5'	4							X		
9:11	6/24/22	Soil	1 Jar	CONF05 - 1'	5							X		
9:19	6/24/22	Soil	1 Jar	CONF06 - 1'	6							X		
11:54	6/24/22	Soil	1 Jar	CONF07 - 1.5'	7							X		
9:28	6/24/22	Soil	1 Jar	CONF08 - 1'	8							X		
9:34	6/24/22	Soil	1 Jar	CONF09 - 1'	9							X		
9:47	6/24/22	Soil	1 Jar	CONF10 - 1'	10							X		

Additional Instructions: Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, ashley.giovengo@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/27/22	12:18p		6/27/22	1:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/27-22	4:15p		6/28/22	11:21
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Project Information

Chain of Custody

PO: 361074

Page 2 of 2

Client: Kaiser Francis Oil Co	
Project: Red Hills Federal 203H Facility Pad 5	
Project Manager: Ashley Giovengo	
Address: 1224 Standpipe Rd	
City, State, Zip: Carlsbad, NM 88220	
Phone: 505-382-1211	
Email: ashley.giovengo@wescominc.com	
Report due by:	

Bill To

Attention: Wescom Inc
Address: 1224 Standpipe Rd
City, State, Zip: Carlsbad, NM 88220
Phone: 505-382-1211
Email: ashley.giovengo@wescominc.com

Lab Use Only

Lab WO# E206197 Job Number 21093-0001

TAT

1D	2D	3D	Standard
			x

EPA Program

CWA	SDWA	RCRA

State

NM	CO	UT	AZ	TX	
x					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
9:57	6/24/22	Soil	1 Jar	CONF11 - .5' CONF 11 WALL - .5'	11									X				
11:21	6/24/22	Soil	1 Jar	CONF12 - .5' CONF 12 WALL - .5'	12									X				
12:41	6/24/22	Soil	1 Jar	CONF13 - 1.5' CONF 13 - 1.5'	13									X				
				per. C. Burton 7/6/22														

Additional Instructions: Kept on ice, Please CC: cole.burton@wescominc.com, shar.harvester@wescominc.com, ashley.giovengo@wescominc.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6-27-2022	12:18p		6-27-22	1:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6-27-22	4:15		6/28/22	11:21
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

ATTACHMENT F

48-Hour Liner Inspection Notification Email

From: Ashley Giovengo
To: Hamlet, Robert, EMNRD; Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; jennifer.nobui@state.nm.us; nelson.velez@state.nm.us; bradford.billings@state.nm.us
Cc: Aaron Daniels; Cole Burton; Daniel Davis; Shar Harvester
Subject: 48-hour Liner Inspection Notification - Red Hills Federal 203H (nAPP2205249980)
Date: Tuesday, March 1, 2022 1:10:00 PM

Hello All,

This email is to notify the NMOCD that Wescom, Inc. will be at the Red Hills Federal 203H - Facility Pad 5 (nAPP2205249980) to perform a liner inspection. Inspection will be conducted on Thursday, March 03, 2022 (03/03/2022) at 1100 hours. Please let me know if you have any questions.

Thank you,

Ashley Giovengo, Environmental Manager - Permian
O (218) 724-1322 | **C** (505) 382-1211
WescomInc.com | ashley.giovengo@WescomInc.com
"I am in charge of my own safety."

ATTACHMENT G

Extension Request Email

Ashley Giovengo

From: Aaron Daniels <aarond@kfoc.net>
Sent: Tuesday, April 26, 2022 8:25 AM
To: Chris Fleming; Ashley Giovengo; David King
Cc: Hutton Andrew
Subject: FW: (Extension Approval) NAPP2205249980 - Red Hills Federal 203H Facility Pad 5

Extension was approved. Just FYI.

Aaron

From: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>
Sent: Tuesday, April 26, 2022 8:31 AM
To: Aaron Daniels <aarond@kfoc.net>
Cc: Hutton Andrew <Huttona@kfoc.net>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Subject: [EXTERNAL] (Extension Approval) NAPP2205249980 - Red Hills Federal 203H Facility Pad 5

RE: Incident #**NAPP2205249980**

Aaron,

Your request for an extension to **August 7th, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/

From: Aaron Daniels <aarond@kfoc.net>
Sent: Monday, April 25, 2022 1:31 PM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Hutton Andrew <Huttona@kfoc.net>
Subject: [EXTERNAL] nAPP2205249980 - Red Hills Federal 203H Facility Pad 5 - 90 day extension

All,

This email serves as an extension request for the remediation of the release associated with the Red Hills Federal 203H Facility Pad 5. I am requesting an extension from the original May 7th, 2022 due date to August 7th, 2022.

We have completed initial remediation, but need to return to remediate localized areas on pad and collect confirmation samples.

The delay is in connection with a facilities expansion project that is currently ongoing. Target completion of this effort is 5/19/2022. We will re-engage in remediation efforts at that time.

Thanks,

Aaron Daniels
EHS Manager
Kaiser-Francis Oil Company
918-491-4352

ATTACHMENT H

48-Hour Confirmation Sampling Notification Email

Ashley Giovengo

From: Ashley Giovengo
Sent: Monday, June 20, 2022 8:58 PM
To: Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Billings, Bradford, EMNRD; Nobui, Jennifer, EMNRD; Velez, Nelson, EMNRD; Aaron Daniels; camorgan@blm.gov
Cc: Cole Burton; Shar Harvester; Israel Estrella; Joey Croce; Cody York
Subject: 48-Hour Confirmation Sampling Notification - Red Hills Facility Pad 5 – nAPP2205249980

Hello All,

We intend to take confirmation samples at the Red Hills Facility Pad 5 – nAPP2205249980 starting on (06/22/22 thru 06/24/22).

Please let us know if you plan to be onsite to oversee this sampling event.

Thanks,

Ashley Giovengo, Environmental Manager - Permian
O (218) 724-1322 | **C** (505) 382-1211
WescomInc.com | ashley.giovengo@WescomInc.com
"I am in charge of my own safety."

Minnesota | North Dakota | New Mexico | Wisconsin

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 128960

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 128960
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	7/28/2022