



December 14, 2023

**New Mexico Energy Minerals and Natural Resources Department**

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

**Re: Deferral Request  
Bell Lake North Pad 1  
Incident Number nAPP2326452170  
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Kaiser-Francis Oil Company (Kaiser-Francis), has prepared this *Deferral Request* to document excavation and soil sampling activities at the Bell Lake North Pad 1 (Site). The purpose of the Site assessment and soil sampling activities was to address impacts to soil following a release of produced water after an equipment failure, which resulted in a fire. Based on field observations, field screening activities, and soil sample laboratory analytical results, Kaiser-Francis is submitting this *Deferral Request*, describing Site assessment and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2326452170 until the Site is reconstructed and/or the well pad is plugged and abandoned, and the deferral area is safely accessible.

**SITE DESCRIPTION AND RELEASE SUMMARY**

The Site is located in in Unit L, Section 01, Township 23 South, Range 33 East, in Lea County, New Mexico (32.333215°, -103.5332435°) and is associated with oil and gas exploration and production operations on New Mexico State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO).

On September 20, 2023, there was an equipment failure that resulted in a fire on pad surrounding the tank battery. This resulted in the release of approximately 33 barrels (bbls) of produced water outside of containment. Kaiser-Francis submitted a Release Notification Form C-141 (Form C-141) to the New Mexico Oil Conservation Division (NMOCD) on September 20, 2023. The release was assigned Incident Number nAPP2326452170 (Appendix A).

**SITE CHARACTERIZATION AND CLOSURE CRITERIA**

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well CP 00872 POD 1 with a depth to water measurement greater than

Kaiser-Francis Oil Company  
Deferral Request  
Bell Lake North Pad 1

300 feet below ground surface (bgs) and is approximately 10,612 feet east of the Site. All wells used for depth to groundwater determination are depicted on Figure 1 and the referenced well records are included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 2,709 feet south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Potential site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

## SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on September 21, 2023, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. A 48-Hour Liner Inspection Notice was submitted to NMOCD; however, upon arrival to the Site, it was determined the liner integrity had been compromised and delineation of the area compromised by the equipment fire was completed. The release that breached containment was found to be contained on pad and did not impact areas off pad; satellite imagery in Figures 2 through 5 do not show an up-to-date image of current Site conditions.

Since the release remained on pad, an assessment of cultural properties had already been completed prior to the construction of the well pad and as such, the Cultural Properties Protection Rule (CPP) has been followed. No additional cultural resource surveys were completed in connection with this release.

From September 27 through September 29, 2023, 13 delineation soil samples (SS01 through SS13) were collected outside of the containment area to assess the lateral extent of impacted soil at surface. The release extent and delineation soil samples outside of containment can be found in Figure 2. Ensolum personnel also completed seven boreholes (BH01 through BH07) via hand auger inside the containment along with two potholes (PH01 and PH02) outside of containment with a backhoe. Delineation sample locations within containment can be seen in Figure 3. Lithologic Sample Logs are included and can be seen in Appendix C.

Delineation soil samples were field screened for chloride utilizing Hach® chloride QuanTab® test strips and MOHR Titration Method, and TPH utilizing PetroFLAG® soil reagents. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figures 2 and 3. Photographic documentation was collected, and a photographic log is included in Appendix D.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech, Inc. (Envirotech) in Farmington, New Mexico, for

Kaiser-Francis Oil Company  
Deferral Request  
Bell Lake North Pad 1

analysis of the following contaminants of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results from delineation soil samples SS01 through SS13 were in compliance with the Site Closure Criteria, which is the strictest criteria per NMOCD Table I. Laboratory analytical results from boreholes BH01 through BH07 and results from potholes PH01 and PH02 indicated all COC concentrations were all in compliance with the Site Closure Criteria at their terminal depths. All vertical delineation points had concentrations above the strictest criteria per NMOCD Table I and Site Closure Criteria of chloride within the ground surface soil sample except PH01. Table 1 summarizes laboratory analytical results. The laboratory analytical report and chain-of-custody documentation are included in Appendix E.

The presence of impacted soil as identified in potholes PH01 and boreholes BH01 through BH04 and BH07 from the ground surface to maximum depths of 3 feet bgs indicated the need for remedial actions.

## EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Excavation of impacted soil was completed utilizing a track hoe, backhoe, and belly dump trucks. To direct excavation activities, soil was field screened for TPH and chloride. The excavation area ranged in depth from 0.5 feet to 5 feet bgs and photographic documentation of excavation activities is included in Appendix F.

A confirmation soil sampling variance was submitted to NMOCD prior to collecting confirmation samples, which was approved by Mr. Nelson Velez on November 1, 2023 (see Appendix G). Following the approved sampling variance, 5-point composite soil samples were collected every 200 square feet from the sidewalls and every 400 square feet from the floor of the excavation beginning on November 20, 2023. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples SW01 and SW02 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 4 feet bgs. Composite sidewall samples SW03 and SW04 were collected from the sidewalls of the excavation at depths ranging from ground surface to 2 feet bgs. Composite sidewall samples SW05 through SW07 as well as SW09 and SW10 were collected from the sidewalls of the excavation at depths ranging from ground surface to 5 feet bgs. Composite sidewall sample SW08 was collected from the sidewalls of the excavation at depths ranging from ground surface to 3 feet bgs. Composite soil samples FS01 through FS51 were collected from the floor of the excavation at depths ranging from ground surface to 5 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above. Excavation extent and confirmation soil sample locations can be seen in Figure 4.

Due to the presence of existing equipment not damaged by the equipment fire, certain areas were not excavated to the extent as to meet Site Closure Criteria. The remaining, undamaged, tanks within the battery hindered excavation to the west and north of confirmation sample locations FS13 through FS24. Electric panels to the east of these sample locations also hindered excavation efforts. Confirmation sample location FS23 also was unable to meet Site Closure Criteria due to the presence of subsurface electric lines that run through the entirety of the area. All impacted soil that was removed from these was done so as to not affect the safe operation of this equipment.

Kaiser-Francis Oil Company  
Deferral Request  
Bell Lake North Pad 1

The final excavation extent measured approximately 13,193 square feet. A total of approximately 982 cubic yards of impacted and waste-containing soil was removed during the excavation activities. The soil was transported and properly disposed of at the Northern Delaware Basin Disposal Facility. The excavation extent and excavation soil sample locations are presented in Figure 4.

## LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation sidewall samples SW01 through SW05 and excavation floor samples FS01 through FS03, FS05, FS06, FS08 through FS11, FS13 through FS22, and FS24 through FS 51 indicated all COC concentrations were compliant with the Site Closure Criteria and in compliance with the reclamation requirement. Side wall samples SW06 through SW10 were unable to meet Site Closure criteria for chloride due to their proximity to active oil and gas production equipment. Confirmation sample locations FS04, FS07, FS12, and FS23 were unable to meet Site closure Criteria due to underlying active oil and gas production equipment and electrical equipment.

Laboratory analytical results are summarized in Tables 2 and 3 and laboratory analytical reports are included as Appendix D.

The estimated area of remaining impacted soil measures approximately 2,957 square feet and assuming an average depth of 3 feet based on the analytical results for delineation boreholes BH02@4', BH03@2', BH04@3', BH05@2', BH06@0.5', BH07@3', a total of approximately 329 cubic yards of impacted soil remains in place. The deferral areas are depicted on Figure 5.

The release remained on the well pad that is currently in operation for oil and gas production purposes. As such, the release area is not expected to be reclaimed until the oil and gas well is plugged and abandoned (P&A'd) and the well pad is reclaimed. The Reclamation Plan for this release will default to the NMSLO-approved Reclamation Plan for the well pad per 19.2.100.67 NMAC.

## DEFERRAL REQUEST

Kaiser-Francis is requesting deferral of final remediation due to the presence of active production equipment and process piping preventing full excavation of impacted soil. The impacted soil is limited to the area beneath production equipment and surface piping, where remediation would require a major facility deconstruction. Kaiser-Francis was able to excavate approximately 982 cubic yards of accessible impacted soil on the east side of the produced water tanks. The impacted soil remaining in place is laterally defined by delineation soil samples SS12, SS13, and SS06 at ground surface as well as the confirmation samples FS13 through FS24 and vertically defined by borehole samples BH03@2', BH05@2', BH06@0.5', and BH07@3'.

Kaiser-Francis does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Any gross impacts were removed during the initial cleanup.

Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, Kaiser-Francis requests deferral of final remediation for Incident Number nAPP2326452170 until final reclamation of the well pad or major construction, whichever comes first.



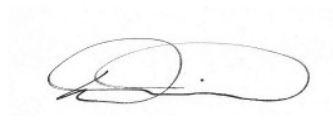
Kaiser-Francis Oil Company  
Deferral Request  
Bell Lake North Pad 1

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or [agiovengo@ensolum.com](mailto:agiovengo@ensolum.com).

Sincerely,  
**Ensolum, LLC**



Ashley Giovengo  
Senior Engineer



Daniel R. Moir, PG  
Senior Managing Geologist

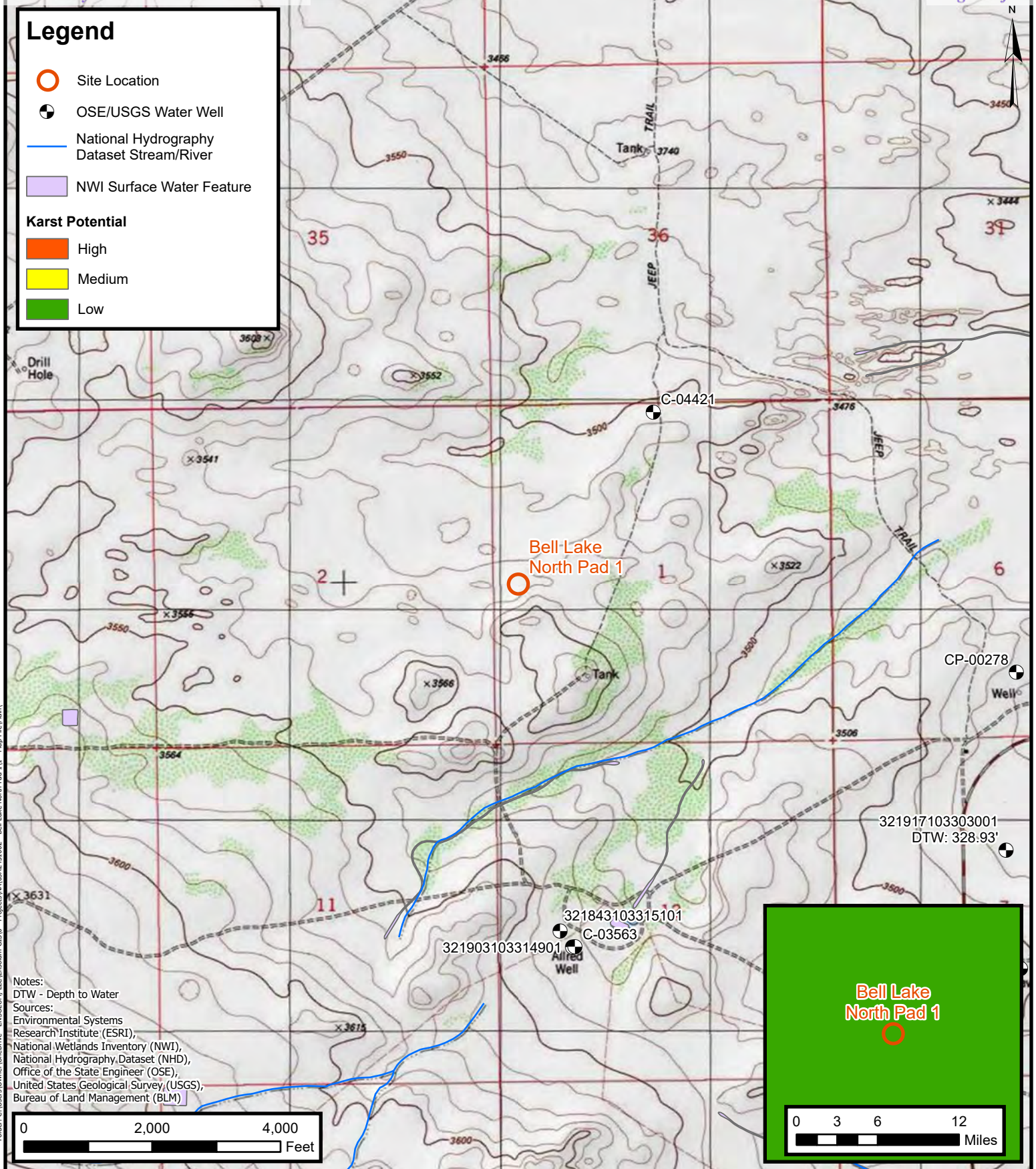
cc: Hutton Andrew, Kaiser-Francis Oil Company  
NMSLO

Appendices:

|            |  |
|------------|--|
| Figure 1   | Site Receptor Map  |
| Figure 2   | Delineation Soil Sample Locations                              |
| Figure 3   | Delineation Soil Sample Locations (Containment)                |
| Figure 4   | Confirmation Soil Sample Locations                             |
| Figure 5   | Area of Requested Deferral                                     |
| Table 1    | Delineation Soil Samples                                       |
| Table 2    | Excavation Floor Samples                                       |
| Table 3    | Excavation Side Wall Samples                                   |
| Appendix A | Form C-141   |
| Appendix B | Referenced Well Records  |
| Appendix C | Photographic Log   |
| Appendix D | Lithologic / Soil Sampling Logs                                |
| Appendix E | Laboratory Analytical Reports & Chain-of-Custody Documentation |
| Appendix F | NMOCD Notifications  |



FIGURES



## Site Receptor Map

Kaiser-Francis Oil Company  
Bell Lake North Pad 1  
Incident Number: nAPP2326452170  
Unit L, Section 01, T 23S, R 33E  
Lea County, New Mexico

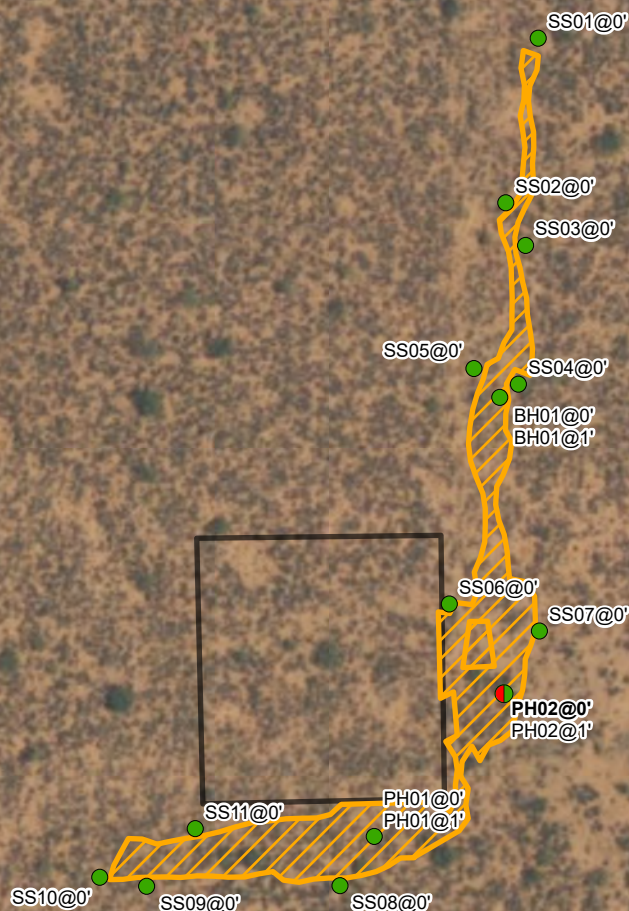
FIGURE

1



**Legend**

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- ▨ Release Extent
- ▭ Containment Wall



Notes:  
 Sample ID @ Depth Below Ground Surface.  
 Samples in bold indicate sample exceeded applicable closure criteria.

0 25 50 100 150 200  
 Feet

Sources: Environmental Systems Research Institute (ESRI)



## Delineation Soil Sample Locations

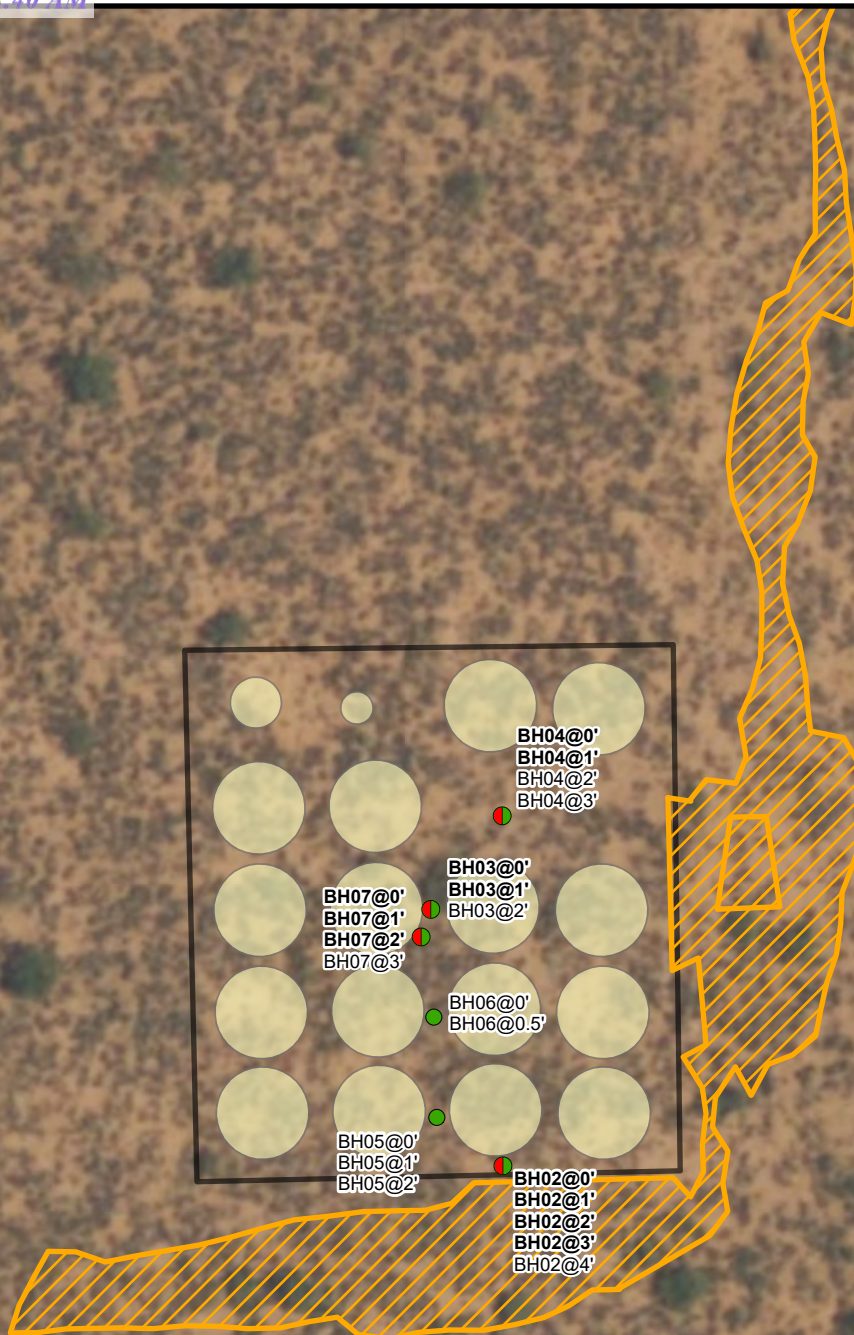
Kaiser-Francis Oil Company  
 Bell Lake North Pad 1  
 Incident Number: nAPP2326452170  
 Unit L, Section 01, T 23S, R 33E  
 Lea County, New Mexico

**FIGURE**  
**2**



**Legend**

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Release Extent
- Containment Wall
- Production Equipment



**Notes:**  
 Sample ID @ Depth Below Ground Surface.  
 Samples in bold indicate sample exceeded applicable closure criteria.

0 12.5 25 50 75 100  
 Feet

Sources: Environmental Systems Research Institute (ESRI)

## Delineation Soil Sample Locations (Containment)

Kaiser-Francis Oil Company  
 Bell Lake North Pad 1  
 Incident Number: nAPP2326452170  
 Unit L, Section 01, T 23S, R 33E  
 Lea County, New Mexico

## FIGURE

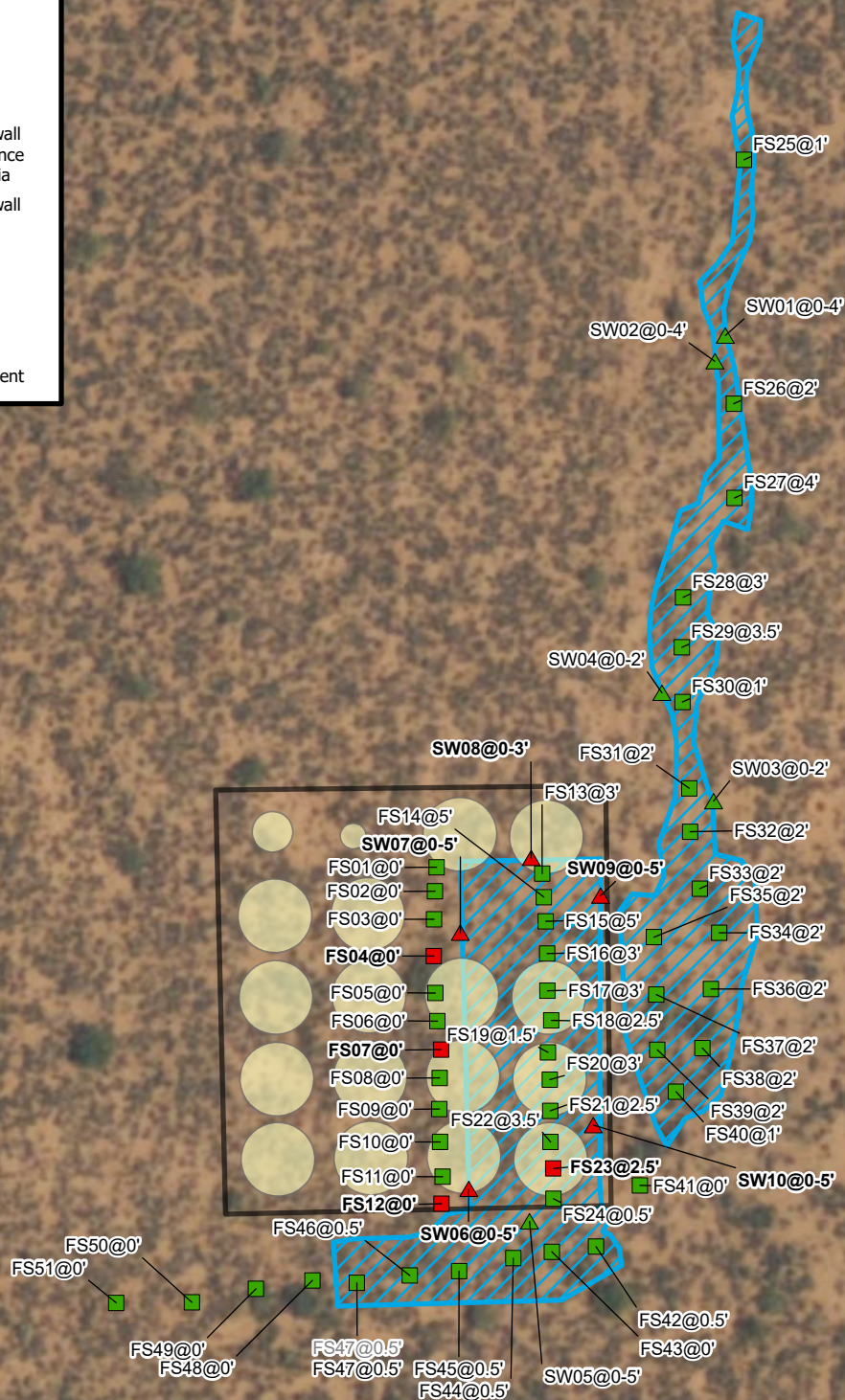
# 3





**Legend**

- Confirmation Floor  
Sample in Compliance with Closure Criteria
- Confirmation Floor  
Sample with Concentrations Exceeding Closure Criteria
- Confirmation Sidewall  
Sample in Compliance with Closure Criteria
- Confirmation Sidewall  
Sample with Concentrations Exceeding Closure Criteria
- Excavation Extent
- Containment Wall
- Production Equipment



Notes:  
Sample ID @ Depth Below Ground Surface.

0 15 30 60 90 120  
Feet

Sources: Environmental Systems Research Institute (ESRI)



## Confirmation Soil Sample Locations

Kaiser-Francis Oil Company  
Bell Lake North Pad 1  
Incident Number: nAPP2326452170  
Unit L, Section 01, T 23S, R 33E  
Lea County, New Mexico

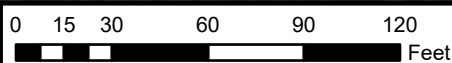
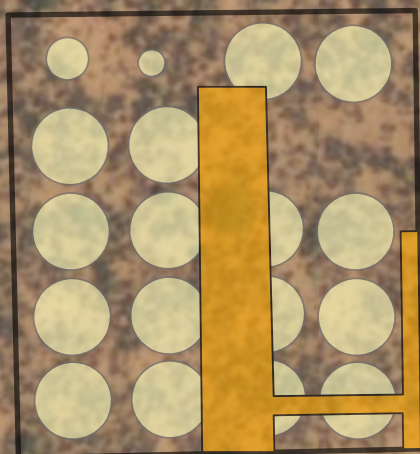
**FIGURE**

**4**



### Legend

- Containment Wall
- Production Equipment
- Aera of Deferral



Sources: Environmental Systems Research Institute (ESRI)



## Area of Requested Deferral

Kaiser-Francis Oil Company  
Bell Lake North Pad 1  
Incident Number: nAPP2326452170  
Unit L, Section 01, T 23S, R 33E  
Lea County, New Mexico

**FIGURE**  
**5**



TABLES

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Bell Lake North 1  
 Kaiser-Francis Oil Company  
 Lea County, New Mexico

| Sample Designation                             | Date      | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) |           |                  | 10              | 50                 | NE              | NE              | NE              | NE              | 100               | 600              |
| Delineation Soil Samples (On-Pad)              |           |                  |                 |                    |                 |                 |                 |                 |                   |                  |
| SS01   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | 52.5            | <50.0           | 52.5            | 52.5              | 37.7             |
| SS02   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 110              |
| SS03   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| SS04   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| SS05   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| SS06   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 34.9             |
| SS07   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| SS08   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| SS09   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| SS10   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| SS11   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| SS12   | 9/29/2023 | 0                | <0.0250         | <0.0250            | <20.0           | 27.4            | <50.0           | 27.4            | 27.4              | 29.5             |
| SS13   | 9/29/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| PH01   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 24.6             |
| PH01   | 9/27/2023 | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |
| PH02   | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <b>4,260</b>     |
| PH02   | 9/27/2023 | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <20.0            |

**Notes:**

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

"<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

\* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



**TABLE 1 CONT'D**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Bell Lake North Pad 1  
 Kaiser-Francis Oil Company  
 Lea County, New Mexico

| Sample Designation                                    | Date      | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| <b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b> |           |                  | <b>10</b>       | <b>50</b>          | <b>NE</b>       | <b>NE</b>       | <b>NE</b>       | <b>NE</b>       | <b>100</b>        | <b>600</b>       |
| <b>Delineation Soil Samples</b>                       |           |                  |                 |                    |                 |                 |                 |                 |                   |                  |
| BH01  | 9/27/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <b>5,320</b>     |
| BH01  | 9/27/2023 | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 49.9             |
| BH02  | 9/28/2023 | 0                | <0.0250         | 2.2156             | <20.0           | <25.0           | 1160            | 2070            | <20.0             | <b>15,200</b>    |
| BH02  | 9/28/2023 | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <b>5,770</b>     |
| BH02  | 9/28/2023 | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <b>2,080</b>     |
| BH02  | 9/28/2023 | 3                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | 27.1            | 27.1              | <b>1,370</b>     |
| BH02  | 9/28/2023 | 4                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 60.3             |
| BH03  | 9/28/2023 | 0                | <0.0250         | <0.0250            | <20.0           | 98.9            | <50.0           | <20.0           | 98.9              | <b>4,060</b>     |
| BH03  | 9/28/2023 | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <b>10,000</b>    |
| BH03  | 9/28/2023 | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 77.8             |
| BH04  | 9/28/2023 | 0                | <0.0250         | <0.0250            | <20.0           | 7,950           | 4,740           | 7,950           | <b>12,690</b>     | <b>4,830</b>     |
| BH04  | 9/28/2023 | 1                | <0.0250         | <0.0250            | <20.0           | 90.7            | 51.6            | 90.7            | 233               | <b>8,470</b>     |
| BH04  | 9/28/2023 | 2                | 0.0371          | 0.069              | <20.0           | 34.1            | <50.0           | 34.1            | 68.2              | 683              |
| BH04  | 9/28/2023 | 3                | <0.0250         | <0.0250            | <20.0           | 59.8            | <50.0           | 59.8            | <b>119.6</b>      | 215              |
| BH05  | 9/29/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 679              |
| BH05  | 9/29/2023 | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 336              |
| BH05  | 9/29/2023 | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 22.2             |
| BH06  | 9/29/2023 | 0                | <0.0250         | <0.0250            | <20.0           | 29.7            | <50.0           | 29.7            | 29.7              | 228              |
| BH06  | 9/29/2023 | 0.5              | <0.0250         | <0.0250            | <20.0           | 36.5            | <50.0           | 36.5            | 36.5              | 66.3             |
| BH07  | 9/29/2023 | 0                | <0.0250         | <0.0250            | <20.0           | 34.7            | <50.0           | 34.7            | 34.7              | <b>5,590</b>     |
| BH07  | 9/29/2023 | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <b>7,490</b>     |
| BH07  | 9/29/2023 | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | <b>7,280</b>     |
| BH07  | 9/29/2023 | 3                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <20.0           | <20.0             | 398              |

**Notes:**

bgs: below ground surface

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NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

&lt;: Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

\* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes





**TABLE 2**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Bell Lake North Pad 1  
 Kaiser-Francis Oil Company  
 Lea County, New Mexico

| Sample Designation                                    | Date       | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|------------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| <b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b> |            |                  | <b>10</b>       | <b>50</b>          | <b>NE</b>       | <b>NE</b>       | <b>NE</b>       | <b>NE</b>       | <b>100</b>        | <b>600</b>       |
| <b>Excavation Floor Soil Samples</b>                  |            |                  |                 |                    |                 |                 |                 |                 |                   |                  |
| FS01  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 597              |
| FS02  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 247              |
| FS03  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 182              |
| FS04  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <b>1,210</b>     |
| FS05  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 347              |
| FS06  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 182              |
| FS07  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <b>1,210</b>     |
| FS08  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 74.3             |
| FS09  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 28.1             |
| FS10  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 337              |
| FS11  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 118              |
| FS12  | 10/16/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <b>1,500</b>     |
| FS13  | 12/1/2023  | 3                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 126              |
| FS14  | 12/1/2023  | 5                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <20.0            |
| FS15  | 12/1/2023  | 5                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 392              |
| FS16  | 12/1/2023  | 3                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <20.0            |
| FS17  | 12/1/2023  | 3                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 111              |
| FS18  | 12/1/2023  | 2.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 185              |
| FS19  | 11/21/2023 | 1.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 326              |
| FS20  | 11/30/2023 | 3                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 29.4             |
| FS21  | 11/30/2023 | 2.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 86.4             |
| FS22  | 11/30/2023 | 3.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <20.0            |
| FS23  | 11/30/2023 | 2.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <b>1040</b>      |

**Notes:**

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&lt;": Laboratory Analytical result is less than reporting limit

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\* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

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ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



**TABLE 2 CONT'D**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Bell Lake North Pad 1  
 Kaiser-Francis Oil Company  
 Lea County, New Mexico

| Sample Designation                                    | Date       | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|------------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| <b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b> |            |                  | <b>10</b>       | <b>50</b>          | <b>NE</b>       | <b>NE</b>       | <b>NE</b>       | <b>NE</b>       | <b>100</b>        | <b>600</b>       |
| <b>Excavation Floor Soil Samples</b>                  |            |                  |                 |                    |                 |                 |                 |                 |                   |                  |
| FS24  | 11/29/2023 | 0.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 441              |
| FS25  | 11/2/2023  | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 120              |
| FS26  | 11/10/2023 | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 165              |
| FS27  | 11/10/2023 | 4                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 117              |
| FS28  | 11/10/2023 | 3                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 59.6             |
| FS29  | 12/1/2023  | 3.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 582              |
| FS30  | 11/2/2023  | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 570              |
| FS31  | 11/2/2023  | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 28.0             |
| FS32  | 11/3/2023  | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 47.2             |
| FS33  | 11/10/2023 | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 97               |
| FS34  | 11/10/2023 | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 124              |
| FS35  | 11/3/2023  | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 89.4             |
| FS36  | 11/3/2023  | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 134              |
| FS37  | 11/3/2023  | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <20.0            |
| FS38  | 11/3/2023  | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 61               |
| FS39  | 11/3/2023  | 2                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <20.0            |
| FS40  | 11/3/2023  | 1                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 235              |
| FS41  | 11/20/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 135              |
| FS42  | 11/10/2023 | 0.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 121              |
| FS43  | 11/20/2023 | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 138              |
| FS44  | 11/2/2023  | 0.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 66               |

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**TABLE 2 CONT'D**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Bell Lake North Pad 1  
 Kaiser-Francis Oil Company  
 Lea County, New Mexico

| Sample Designation                             | Date       | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|--|------------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) |            |                  | 10              | 50                 | NE              | NE              | NE              | NE              | 100               | 600              |
| Excavation Floor Soil Samples                  |            |                  |                 |                    |                 |                 |                 |                 |                   |                  |
| FS45   | 11/2/2023  | 0.5              | <0.0250         | <0.0250            | <20.0           | 41              | <50.0           | 41              | 41                | 35.1             |
| FS46   | 11/2/2023  | 0.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 46               |
| FS47   | 11/2/2023  | 0.5              | <0.0250         | <0.0250            | <20.0           | 74.3            | 56.4            | 74.3            | 130.7             | 114              |
| FS47   | 11/10/2023 | 0.5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 146              |
| FS48   | 11/2/2023  | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 114              |
| FS49   | 11/2/2023  | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 371              |
| FS50   | 11/2/2023  | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <20.0            |
| FS51   | 11/2/2023  | 0                | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 30               |

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TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



**TABLE 3**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Bell Lake North Pad 1  
 Kaiser-Francis Oil Company  
 Lea County, New Mexico

| Sample Designation                             | Date       | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|--|------------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) |            |                  | 10              | 50                 | NE              | NE              | NE              | NE              | 100               | 600              |
| ExcavationSidewall Soil Samples                |            |                  |                 |                    |                 |                 |                 |                 |                   |                  |
| SW01   | 11/3/2023  | 0-4              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 221              |
| SW02   | 11/3/2023  | 0-4              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 47.3             |
| SW03   | 11/10/2023 | 0-2              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 41.8             |
| SW04   | 11/10/2023 | 0-2              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 185              |
| SW05   | 12/1/2023  | 0-5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | 61               |
| SW06   | 12/1/2023  | 0-5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <b>2,700</b>     |
| SW07   | 12/1/2023  | 0-5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <b>1,710</b>     |
| SW08   | 12/1/2023  | 0-3              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <b>2,730</b>     |
| SW09   | 12/1/2023  | 0-5              | <0.0250         | <0.0250            | <20.0           | <25.0           | <50.0           | <25.0           | <50.0             | <b>1,200</b>     |
| SW10   | 12/1/2023  | 0-5              | <0.0250         | <0.0250            | <20.0           | 43.3            | <50.0           | 43.3            | 43                | <b>1,600</b>     |

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ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Form C-141

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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    | nAPP2326452170 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Release Notification

### Responsible Party

|  |                                  |
|--|----------------------------------|
| Responsible Party Kaiser-Francis Oil Company         | OGRID 12361                      |
| Contact Name Hutton Andrew                           | Contact Telephone (918) 494-0000 |
| Contact email huttona@kfoc.net                       | Incident # (assigned by OCD)     |
| Contact mailing address 6733 S. Yale Tulsa, Oklahoma |                                  |

### Location of Release Source

Latitude 32.333215

Longitude -103.5332435

(NAD 83 in decimal degrees to 5 decimal places)

|                                    |                        |
|------------------------------------|------------------------|
| Site Name Bell Lake North 1        | Site Type Oil Well Pad |
| Date Release Discovered 09/20/2023 | API# (if applicable)   |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| L           | 01      | 23S      | 33E   | Lea    |

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

|  |  |   |
|--|--|---|
| <input type="checkbox"/> Crude Oil                 | Volume Released (bbls)   | Volume Recovered (bbls)   |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 33 bbls   | Volume Recovered (bbls)   |
|  | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate                | Volume Released (bbls)   | Volume Recovered (bbls)   |
| <input type="checkbox"/> Natural Gas               | Volume Released (Mcf)  | Volume Recovered (Mcf)  |
| <input type="checkbox"/> Other (describe)          | Volume/Weight Released (provide units)   | Volume/Weight Recovered (provide units)                             |

Cause of Release: Equipment failure which resulted in a fire and accidental release of 33 bbls of produced water.

$$BBL\ Estimate = \left( Saturated\ Soil\ Volume\ (ft^3) / 4.21 \left( \frac{ft^3}{bbl}\ equivalent \right) \right) \times Estimated\ Soil\ Porosity\ (\%) \\ + Recovered\ Fluids\ (bbl)$$

$$((11,086\ sq.\ ft \times 0.083\ ft) / 4.21)) \times 0.15 + 0 = 32.78\ bbls$$

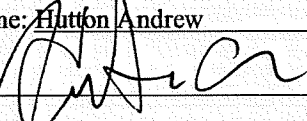
State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2326452170 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

|  |   |
|--|---|
| <p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>   | <p>If YES, for what reason(s) does the responsible party consider this a major release?</p> <p>Volume exceeded 25 bbls.</p> |
| <p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p> <p>Immediate notice was given to NMOCD on 09/21/2023 via web portal.</p> |   |

## Initial Response

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

|   |  |
|---|--|
| <p><input checked="" type="checkbox"/> The source of the release has been stopped.</p> <p><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.</p> <p><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.</p> <p><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.</p>   | <p>If all the actions described above have <u>not</u> been undertaken, explain why:</p><br><br><br>            |
| <p>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.</p>  |  |
| <p>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.</p> |  |
| <p>Printed Name: <u>Hutton Andrew</u></p> <p>Signature: _____<br/> </p> <p>email: <u>huttona@kfoc.net</u></p>  | <p>Title: <u>EHS Representative</u></p> <p>Date: <u>09/21/2023</u></p> <p>Telephone: <u>(918)-494-0000</u></p> |
| <p><b>OCD Only</b></p> <p>Received by: _____ Date: _____</p>  |  |



State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2326452170 |
| 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?   | 305 (ft bgs)  |
| Did this release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 1/2-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.

Form C-141

Page 4

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2326452170 |
| 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 AndrewTitle: EHS RepresentativeSignature: Date: 09/21/2023Email: huttona@kfoc.netTelephone: (918)-494-0000**OCD Only**

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

Page 24 of 306

Received by OCD: 5/1/2024 9:28:40 AM

Released to Imaging: 5/20/2024 8:25:25 AM

Form C-141  
Page 5

State of New Mexico  
Oil Conservation Division

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2326452170 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Remediation Plan

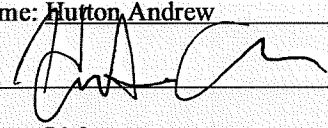
**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: 09/21/2023  
email: huttona@kfoc.net Telephone: (918)-494-0000

### OCD Only

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- ☐ Approved
- ☐ Approved with Attached Conditions of Approval
- ☐ Denied
- ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_





## APPENDIX B

### Referenced Well Records

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# 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)

|                 |                   |            |            |           |            |            |            |          |  |
|-----------------|-------------------|------------|------------|-----------|------------|------------|------------|----------|--|
| <b>Well Tag</b> | <b>POD Number</b> | <b>Q64</b> | <b>Q16</b> | <b>Q4</b> | <b>Sec</b> | <b>Tws</b> | <b>Rng</b> | <b>X</b> | <b>Y</b>   |
| CP 00872        | POD1              | 1          | 1          | 1         | 08         | 23S        | 34E        | 641225   | 3577504*  |

x

|                         |      |                         |                               |
|-------------------------|------|-------------------------|-------------------------------|
| <b>Driller License:</b> | 1184 | <b>Driller Company:</b> | WEST TEXAS WATER WELL SERVICE |
|-------------------------|------|-------------------------|-------------------------------|

|                      |                   |
|----------------------|-------------------|
| <b>Driller Name:</b> | COLLIS, ROBERT E. |
|----------------------|-------------------|

|                          |            |                             |            |                         |          |
|--------------------------|------------|-----------------------------|------------|-------------------------|----------|
| <b>Drill Start Date:</b> | 09/29/1997 | <b>Drill Finish Date:</b>   | 10/03/1997 | <b>Plug Date:</b>       |          |
| <b>Log File Date:</b>    | 12/01/1997 | <b>PCW Rcv Date:</b>        | 03/01/1999 | <b>Source:</b>          | Shallow  |
| <b>Pump Type:</b>        | SUBMER     | <b>Pipe Discharge Size:</b> | 1.5        | <b>Estimated Yield:</b> | 30 GPM   |
| <b>Casing Size:</b>      | 7.00       | <b>Depth Well:</b>          | 494 feet   | <b>Depth Water:</b>     | 305 feet |

x

|                                       |            |               |                               |
|---------------------------------------|------------|---------------|-------------------------------|
| <b>Water Bearing Stratifications:</b> | <b>Top</b> | <b>Bottom</b> | <b>Description</b>            |
|                                       | 350        | 415           | Sandstone/Gravel/Conglomerate |
|                                       | 418        | 460           | Other/Unknown                 |
|                                       | 461        | 481           | Other/Unknown                 |

x

|                             |            |               |
|-----------------------------|------------|---------------|
| <b>Casing Perforations:</b> | <b>Top</b> | <b>Bottom</b> |
|                             | 350        | 494           |

x

|                             |                 |                             |            |
|-----------------------------|-----------------|-----------------------------|------------|
| <b>Meter Number:</b>        | 8472            | <b>Meter Make:</b>          | SEAMETRICS |
| <b>Meter Serial Number:</b> | 042018001243    | <b>Meter Multiplier:</b>    | 1.0000     |
| <b>Number of Dials:</b>     | 8               | <b>Meter Type:</b>          | Diversion  |
| <b>Unit of Measure:</b>     | Barrels 42 gal. | <b>Return Flow Percent:</b> |            |
| <b>Usage Multiplier:</b>    |                 | <b>Reading Frequency:</b>   | Quarterly  |

x

### Meter Readings (in Acre-Feet)

| Read Date  | Year | Mtr Reading | Flag | Rdr | Comment | Mtr Amount Online |
|------------|------|-------------|------|-----|---------|-------------------|
| 12/11/1999 | 1999 | 653040      | A    | jw  |         | 0                 |
| 04/04/2000 | 2000 | 653040      | A    | jw  |         | 0                 |
| 07/03/2000 | 2000 | 825869      | A    | jw  |         | 5.304             |

|            |      |         |   |     |                         |         |
|------------|------|---------|---|-----|-------------------------|---------|
| 12/31/2000 | 2000 | 1142618 | A | jw  |                         | 9.721   |
| 03/31/2001 | 2001 | 1170037 | A | jw  |                         | 0.841   |
| 06/30/2001 | 2001 | 1347781 | A | jw  |                         | 5.455   |
| 09/30/2001 | 2001 | 1480212 | A | jw  |                         | 4.064   |
| 12/31/2001 | 2001 | 1697970 | A | jw  |                         | 6.683   |
| 03/31/2002 | 2002 | 1707596 | A | jw  |                         | 0.295   |
| 07/14/2002 | 2002 | 1785094 | A | jw  |                         | 2.378   |
| 09/30/2002 | 2002 | 1844508 | A | jw  |                         | 1.823   |
| 01/01/2003 | 2003 | 1934739 | A | jw  |                         | 2.769   |
| 03/31/2003 | 2003 | 2051807 | A | jw  |                         | 3.593   |
| 06/30/2003 | 2003 | 2197495 | A | jw  |                         | 4.471   |
| 09/30/2003 | 2003 | 2346900 | A | jw  |                         | 4.585   |
| 01/01/2004 | 2004 | 33991   | R | jw  | Meter has been replaced | 235.908 |
| 04/01/2004 | 2004 | 315287  | A | jw  |                         | 8.633   |
| 06/29/2004 | 2004 | 585026  | A | jw  |                         | 8.278   |
| 08/16/2004 | 2004 | 716546  | A | jw  |                         | 4.036   |
| 09/30/2004 | 2004 | 125830  | R | jw  | New Meter               | 288.760 |
| 01/01/2005 | 2005 | 735508  | A | jw  |                         | 0       |
| 01/18/2005 | 2005 | 387193  | A | jw  |                         | 8.021   |
| 04/06/2005 | 2005 | 756024  | A | jw  |                         | 0.630   |
| 07/11/2005 | 2005 | 170600  | A | jw  |                         | 0       |
| 10/14/2005 | 2005 | 363300  | A | jw  |                         | 5.914   |
| 12/29/2005 | 2005 | 509100  | A | RPT |                         | 4.474   |
| 05/16/2006 | 2006 | 793630  | A | RPT |                         | 8.732   |
| 08/05/2006 | 2006 | 1071018 | A | RPT |                         | 8.513   |
| 10/31/2006 | 2006 | 1380530 | A | RPT |                         | 9.499   |
| 01/07/2019 | 2019 | 0       | A | RPT | New Meter               | 0       |
| 03/31/2019 | 2019 | 105049  | A | RPT |                         | 13.540  |
| 07/01/2019 | 2019 | 175266  | A | RPT |                         | 9.051   |
| 10/01/2019 | 2019 | 266350  | A | RPT |                         | 11.740  |
| 01/07/2020 | 2019 | 266350  | A | RPT |                         | 0       |
| 04/01/2020 | 2020 | 335809  | A | RPT |                         | 8.953   |
| 07/02/2020 | 2020 | 430850  | A | RPT |                         | 12.250  |
| 10/09/2020 | 2020 | 430850  | A | RPT |                         | 0       |

|            |      |         |   |    |        |
|------------|------|---------|---|----|--------|
| 10/05/2021 | 2021 | 788994  | A | ad | 46.162 |
| 01/01/2022 | 2022 | 788994  | A | ad | 0      |
| 04/01/2022 | 2022 | 897531  | A | ad | 13.990 |
| 07/10/2022 | 2022 | 1003301 | A | ad | 13.633 |
| 10/10/2022 | 2022 | 1003301 | A | ad | 0      |
| 07/03/2023 | 2023 | 1237886 | A | ad | 30.236 |
| 10/09/2023 | 2023 | 1299937 | A | ad | 7.998  |

|   |  |  |             |               |
|---|--|--|-------------|---------------|
| <sup>x</sup><br><b>**YTD Meter Amounts:</b> |  |  | <b>Year</b> | <b>Amount</b> |
|   |  |  | 1999        | 0             |
|   |  |  | 2000        | 15.025        |
|   |  |  | 2001        | 17.043        |
|   |  |  | 2002        | 4.496         |
|   |  |  | 2003        | 15.418        |
|   |  |  | 2004        | 545.615       |
|   |  |  | 2005        | 19.039        |
|   |  |  | 2006        | 26.744        |
|   |  |  | 2019        | 34.331        |
|   |  |  | 2020        | 21.203        |
|   |  |  | 2021        | 46.162        |
|   |  |  | 2022        | 27.623        |
|   |  |  | 2023        | 38.234        |

<sup>x</sup>  
\*UTM location was derived from PLSS - see Help

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

10/30/23 12:26 PM


POINT OF DIVERSION SUMMARY





## APPENDIX C

### Lithologic Soil Sampling Logs


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|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|--------------------|--|--|--|--|--|
|    |                |             |          |           |                       |                |                  | Sample Name: BH01                             |  | Date: 9/27/23      |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  | Site Name: Bell Lake Norh Pad 1               |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  | Incident Number: nAPP2326452170               |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  | Job Number: 03A2431002                        |  |                    |  |  |  |  |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                |             |          |           |                       |                |                  | Logged By: Cole Burton                        |  | Method: Hand Auger |  |  |  |  |  |
| Coordinates: 32.33288, -103.53257   |                |             |          |           |                       |                |                  | Hole Diameter: 3"                             |  | Total Depth: 1'    |  |  |  |  |  |
| Comments: Field screening conducted with the MOHR titration method for chloride. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
| Moisture Content  | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                       |  |                    |  |  |  |  |  |
| M   |                |             | Y        | BH01      | 0                     | 0              | CCHE             | Caliche: Light brown, Staining, Med grade     |  |                    |  |  |  |  |  |
| D   | 100            |             | N        | BH01      | 0                     | 1              | SP-SM            | Light brown sand/silt: Noncohesive, Med grade |  |                    |  |  |  |  |  |
| Terminal Depth @ 1 ft bgs   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |


|   |                   |                |          |           |                             |                   |                     |  |  |                    |  |
|---|-------------------|----------------|----------|-----------|-----------------------------|-------------------|---------------------|--|--|--------------------|--|
| <div> <b>ENSOLUM</b></div>   |                   |                |          |           |                             |                   |                     | Sample Name: BH02  |  | Date: 9/28/23      |  |
|   |                   |                |          |           |                             |                   |                     | Site Name: Bell Lake Norh Pad 1  |  |                    |  |
|   |                   |                |          |           |                             |                   |                     | Incident Number: nAPP2326452170  |  |                    |  |
|   |                   |                |          |           |                             |                   |                     | Job Number: 03A2431002   |  |                    |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                   |                |          |           |                             |                   |                     | Logged By: Cole Burton   |  | Method: Hand Auger |  |
| Coordinates: 32.33231, -103.53282   |                   |                |          |           |                             |                   |                     | Hole Diameter: 3"  |  | Total Depth: 1'    |  |
| Comments: Field screening conducted with the MOHR titration method for chloride. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                   |                |          |           |                             |                   |                     |  |  |                    |  |
| Moisture<br>Content   | Chloride<br>(ppm) | Vapor<br>(ppm) | Staining | Sample ID | Sample<br>Depth<br>(ft bgs) | Depth<br>(ft bgs) | USCS/Rock<br>Symbol | Lithologic Descriptions  |  |                    |  |
| M   |                   |                | Y        | BH02      | 0                           | 0                 | CCHE                | Caliche: Light brown, Staining, Med grade<br><br>Light brown sand/silt: Noncohesive, Med grade |  |                    |  |
| M   | 5000              |                | N        | BH02      | 1                           | 1                 | SP-SM               |  |  |                    |  |
| M   | 3500              |                | N        | BH02      | 2                           | 2                 | SP-SM               |  |  |                    |  |
| D   | 700               |                | N        | BH02      | 3                           | 3                 | SP-SM               |  |  |                    |  |
| D   | 100               |                | N        | BH02      | 4                           | 4                 | SP-SM               |  |  |                    |  |
| Terminal Depth @ 4 ft bgs   |                   |                |          |           |                             |                   |                     |  |  |                    |  |
|   |                   |                |          |           |                             |                   |                     |  |  |                    |  |


|    |                |             |          |           |                       |                |                  | Sample Name: BH03                             |  | Date: 9/28/23      |  |  |  |  |  |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|--------------------|--|--|--|--|--|
|   |                |             |          |           |                       |                |                  | Site Name: Bell Lake Norh Pad 1               |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  | Incident Number: nAPP2326452170               |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  | Job Number: 03A2431002                        |  |                    |  |  |  |  |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                |             |          |           |                       |                |                  | Logged By: Cole Burton                        |  | Method: Hand Auger |  |  |  |  |  |
| Coordinates: 32.33256, -103.53281   |                |             |          |           |                       |                |                  | Hole Diameter: 3"                             |  | Total Depth: 1'    |  |  |  |  |  |
| Comments: Field screening conducted with the MOHR titration method for chloride. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
| Moisture Content  | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                       |  |                    |  |  |  |  |  |
| M   |                |             | Y        | BH04      | 0                     | 0              | CCHE             | Caliche: Light brown, Staining, Med grade     |  |                    |  |  |  |  |  |
| M   |                |             | N        | BH04      | 1                     | 1              | SP-SM            |   |  |                    |  |  |  |  |  |
| D   | 500            |             | N        | BH04      | 2                     | 2              | SP-SM            | Light brown sand/silt: Noncohesive, Med grade |  |                    |  |  |  |  |  |
| D   | 100            |             | N        | BH04      | 3                     | 3              | SP-SM            |   |  |                    |  |  |  |  |  |
| Terminal Depth @ 3 ft bgs   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |
|   |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |  |  |




|    |                |             |          |           |                       |                |                  | Sample Name: BH04                             |  | Date: 09/28/2023   |  |  |  |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|--------------------|--|--|--|
|   |                |             |          |           |                       |                |                  | Site Name: Bell Lake North Pad 1              |  |                    |  |  |  |
|   |                |             |          |           |                       |                |                  | Incident Number: nAPP2326452170               |  |                    |  |  |  |
|   |                |             |          |           |                       |                |                  | Job Number: 03A2431002                        |  |                    |  |  |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                |             |          |           |                       |                |                  | Logged By: Cole Burton                        |  | Method: Hand Auger |  |  |  |
| Coordinates: 32.332570, -103.532824   |                |             |          |           |                       |                |                  | Hole Diameter: 3"                             |  | Total Depth: 3'    |  |  |  |
| Comments: Field screening conducted with MOHR Titration Method for chloride. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |
| Moisture Content  | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                       |  |                    |  |  |  |
| M   |                |             | Y        | BH04      | 0                     | 0              | CCHE             | Caliche: Light brown, Staining, Med grade     |  |                    |  |  |  |
| D   |                |             | N        | BH04      | 1                     | 1              | SP-SM            |   |  |                    |  |  |  |
| D   | 500            |             | N        | BH04      | 2                     | 2              | SP-SM            | Light brown sand/silt: Noncohesive, Med grade |  |                    |  |  |  |
| D   | 100            |             | N        | BH04      | 3                     | 3              | SP-SM            |   |  |                    |  |  |  |
| Terminal Depth @ 3 feet bgs.  |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |


|    |                |             |          |           |                       |                |                  | Sample Name: BH05                             |  | Date: 09/29/2023   |  |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|--------------------|--|
|   |                |             |          |           |                       |                |                  | Site Name: Bell Lake North Pad 1              |  |                    |  |
|   |                |             |          |           |                       |                |                  | Incident Number: nAPP2326452170               |  |                    |  |
|   |                |             |          |           |                       |                |                  | Job Number: 03A2431002                        |  |                    |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                |             |          |           |                       |                |                  | Logged By: Ashley Giovengo                    |  | Method: Hand Auger |  |
| Coordinates: 32.332354, -103.532882   |                |             |          |           |                       |                |                  | Hole Diameter: 3"                             |  | Total Depth: 2'    |  |
| Comments: Field screening conducted with MOHR Titration Method and PID for chloride and vapor. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                |             |          |           |                       |                |                  |   |  |                    |  |
| Moisture Content  | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                       |  |                    |  |
| M   |                | 4.6         | Y        | BH05      | 0                     | 0              | CCHE             | Caliche: Light brown, Staining, Med grade     |  |                    |  |
| D   |                | 3.1         | N        | BH05      | 1                     | 1              | SP-SM            | Light brown sand/silt: Noncohesive, Med grade |  |                    |  |
| D   |                | <1.0        | N        | BH05      | 2                     | 2              | SP-SM            |   |  |                    |  |
| Terminal Depth @ 2 feet bgs.  |                |             |          |           |                       |                |                  |   |  |                    |  |

|    |                |             |          |           |                       |                |                  | Sample Name: BH06                             |  | Date: 09/28/2023   |  |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|--------------------|--|
|   |                |             |          |           |                       |                |                  | Site Name: Bell Lake North Pad 1              |  |                    |  |
|   |                |             |          |           |                       |                |                  | Incident Number: nAPP2326452170               |  |                    |  |
|   |                |             |          |           |                       |                |                  | Job Number: 03A2431002                        |  |                    |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                |             |          |           |                       |                |                  | Logged By: Ashley Giovengo                    |  | Method: Hand Auger |  |
| Coordinates: 32.332426, -103.532883   |                |             |          |           |                       |                |                  | Hole Diameter: 3"                             |  | Total Depth: 0.5'  |  |
| Comments: Field screening conducted with MOHR Titration Method PID for chloride and vapor, respectively. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                |             |          |           |                       |                |                  |   |  |                    |  |
| Moisture Content  | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                       |  |                    |  |
| M   |                | 4           | Y        | BH06      | 0                     | 0              | CCHE             | Caliche: Light brown, Staining, Med grade     |  |                    |  |
| D   |                | <1.0        | N        | BH06      | 0.5                   | 0.5            | SP-SM            | Light brown sand/silt: Noncohesive, Med grade |  |                    |  |
| Terminal Depth @ 0.5 feet bgs.  |                |             |          |           |                       |                |                  |   |  |                    |  |

|    |                |             |          |           |                       |                |                  | Sample Name: BH07                             |  | Date: 09/28/2023   |  |  |  |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|--------------------|--|--|--|
|   |                |             |          |           |                       |                |                  | Site Name: Bell Lake North Pad 1              |  |                    |  |  |  |
|   |                |             |          |           |                       |                |                  | Incident Number: nAPP2326452170               |  |                    |  |  |  |
|   |                |             |          |           |                       |                |                  | Job Number: 03A2431002                        |  |                    |  |  |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                |             |          |           |                       |                |                  | Logged By: Ashley Giovengo                    |  | Method: Hand Auger |  |  |  |
| Coordinates: 32.332484, -103.532893   |                |             |          |           |                       |                |                  | Hole Diameter: 3"                             |  | Total Depth: 3'    |  |  |  |
| Comments: Field screening conducted with MOHR Titration Method and PID for chloride and vapor, respectively. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |
| Moisture Content  | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                       |  |                    |  |  |  |
| M   |                | 4           | Y        | BH07      | 0                     | 0              | CCHE             | Caliche: Light brown, Staining, Med grade     |  |                    |  |  |  |
| D   |                | 6           | N        | BH07      | 1                     | 1              | SP-SM            | Light brown sand/silt: Noncohesive, Med grade |  |                    |  |  |  |
| D   |                |             | N        | BH07      | 2                     | 2              | SP-SM            |   |  |                    |  |  |  |
| D   |                |             | N        | BH07      | 3                     | 3              | SP-SM            |   |  |                    |  |  |  |
| Terminal Depth @ 3 feet bgs.  |                |             |          |           |                       |                |                  |   |  |                    |  |  |  |



|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|-----------------|--|
|    |                |             |          |           |                       |                |                  | Sample Name: PH01                             |  | Date: 9/27/23   |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                |             |          |           |                       |                |                  | Site Name: Bell Lake Norh Pad 1               |  |                 |  |
|   |                |             |          |           |                       |                |                  | Incident Number: nAPP2326452170               |  |                 |  |
|   |                |             |          |           |                       |                |                  | Job Number: 03A2431002                        |  |                 |  |
| Coordinates: 32.33225, -103.53279   |                |             |          |           |                       |                |                  | Logged By: Cole Burton                        |  | Method: Backhoe |  |
|   |                |             |          |           |                       |                |                  | Hole Diameter: 3'                             |  | Total Depth: 1' |  |
| Comments: Field screening conducted with the MOHR titration method for chloride. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                |             |          |           |                       |                |                  |   |  |                 |  |
| Moisture Content  | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                       |  |                 |  |
| M   | 200            |             | Y        | BH01      | 0                     | 0              | CCHE             | Caliche: Light brown, Staining, Med grade     |  |                 |  |
| D   | 100            |             | N        | BH01      | 0                     | 1              | SP-SM            | Light brown sand/silt: Noncohesive, Med grade |  |                 |  |
| Terminal Depth @ 1 ft bgs   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |

|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|---|--|-----------------|--|
|    |                |             |          |           |                       |                |                  | Sample Name: PH02                         |  | Date: 9/27/23   |  |
| <b>LITHOLOGIC / SOIL SAMPLING LOG</b>   |                |             |          |           |                       |                |                  | Site Name: Bell Lake Norh Pad 1           |  |                 |  |
|   |                |             |          |           |                       |                |                  | Incident Number: nAPP2326452170           |  |                 |  |
|   |                |             |          |           |                       |                |                  | Job Number: 03A2431002                    |  |                 |  |
| Coordinates: 32.33246, -103.53257   |                |             |          |           |                       |                |                  | Logged By: Cole Burton                    |  | Method: Backhoe |  |
| Hole Diameter: 3'   |                |             |          |           |                       |                |                  | Total Depth: 1'                           |  |                 |  |
| Comments: Field screening conducted with the MOHR titration method for chloride. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included. |                |             |          |           |                       |                |                  |   |  |                 |  |
| Moisture Content  | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions                   |  |                 |  |
| M   | 3700           |             | Y        | BH01      | 0                     | 0              | CCHE             | Caliche: Light brown, Staining, Med grade |  |                 |  |
| D   | 200            |             | N        | BH01      | 0                     | 1              | SP-SM            | Red sand/silt: Noncohesive, Med grade     |  |                 |  |
| Terminal Depth @ 1 ft bgs   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |
|   |                |             |          |           |                       |                |                  |   |  |                 |  |



## APPENDIX D

### Photographic Log

---

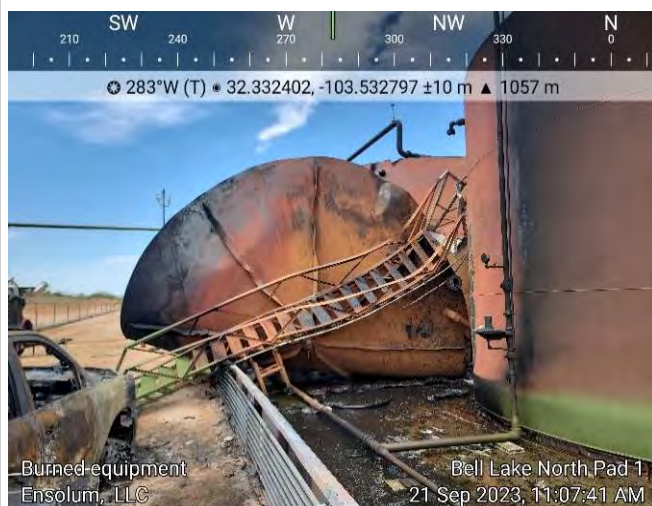


# Photographic Log

Kaiser-Francis Oil Company

Bell Lake North Pad 1

Incident Number: nAPP2326452170

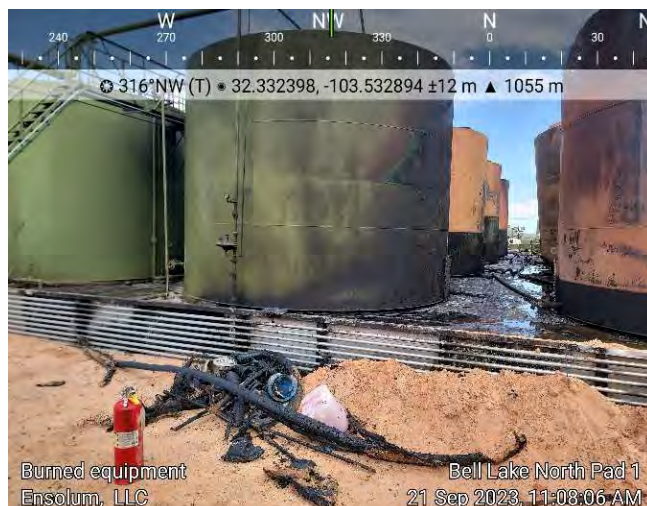


Photograph 1

Date: 9/21/2023

Description: Initial Release Area

View: West

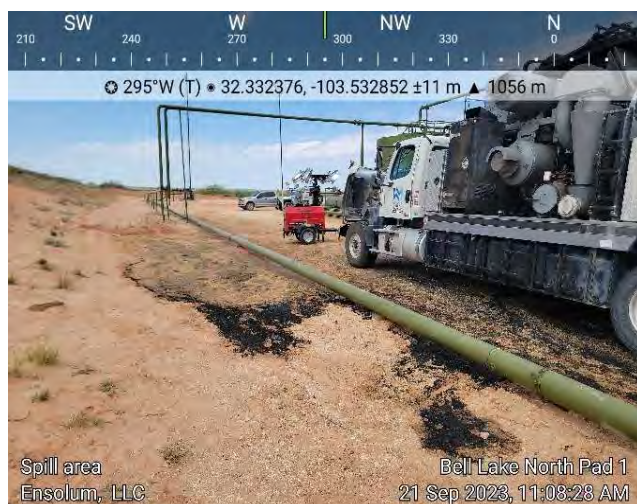


Photograph 2

Date: 9/21/2023

Description: Initial Release Area

View: North West



Photograph 3

Date: 9/21/2023

Description: Initial Release Area

View: Northwest



Photograph 4

Date: 9/21/2023

Description: Initial Release Area

View: Southwest





## Photographic Log

Kaiser-Francis Oil Company

Bell Lake North Pad 1

Incident Number: nAPP2326452170

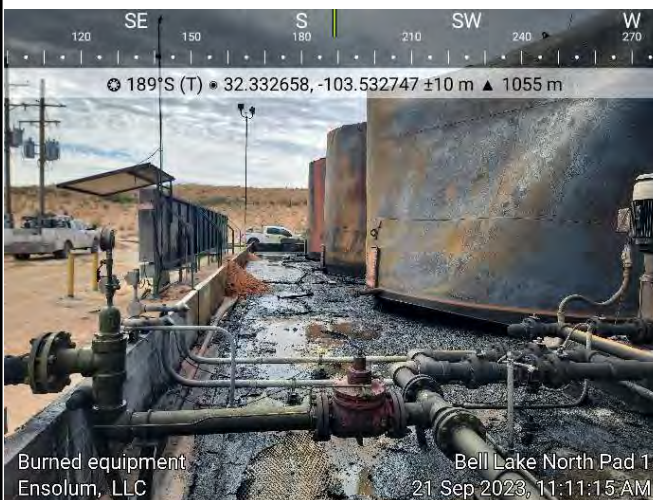


Photograph 5

Date: 9/21/2023

Description: Initial Release Area

View: South



Photograph 6

Date: 9/21/2023

Description: Initial Release Area

View: South



Photograph 7

Date: 9/21/2023

Description: Saturation

View: Northeast



Photograph 8

Date: 9/27/2023

Description: Delineation Sampling

View: Northeast



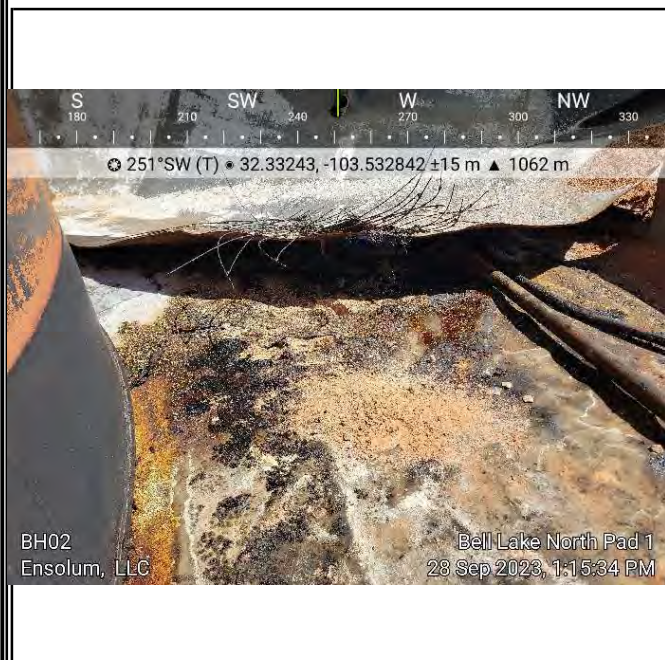


# Photographic Log

Kaiser-Francis Oil Company

Bell Lake North Pad 1

Incident Number: nAPP2326452170



Photograph 9

Date: 9/28/2023

Description: Liner Delineation (BH02)

View: West

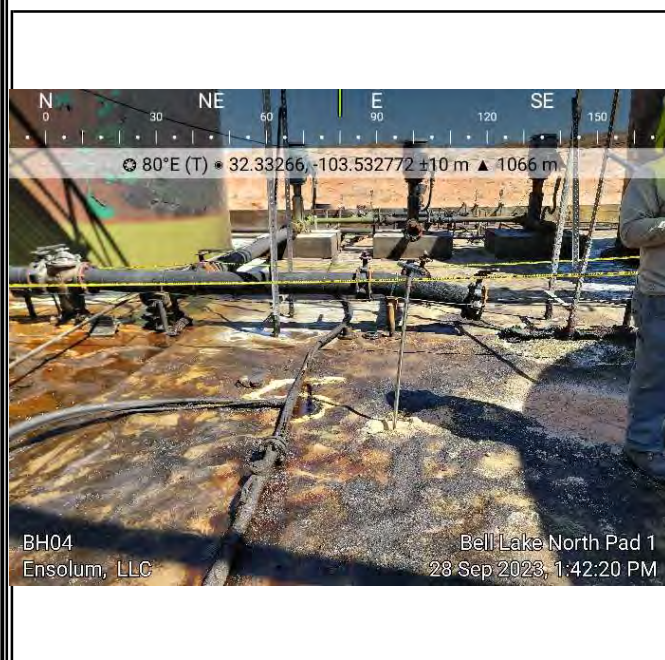


Photograph 10

Date: 9/28/2023

Description: Liner Delineation Location (BH03)

View: West



Photograph 11

Date: 9/28/2023

Description: Liner Delineation Location (BH04)

View: East



Photograph 12

Date: 10/13/2023

Description: Scrape

View: North





# Photographic Log

Kaiser-Francis Oil Company

Bell Lake North Pad 1

Incident Number: nAPP2326452170



Photograph 13  
Description: Scrape  
View: Southwest

Date: 10/13/2023



Photograph 14  
Description: Confirmation Sampling  
View: South

Date: 10/16/2023



Photograph 15  
Description: Stock Pile  
View: Southwest

Date: 10/16/2023



Photograph 16  
Description: Spotting Lines  
View: Northeast

Date: 10/20/2023





# Photographic Log

Kaiser-Francis Oil Company

Bell Lake North Pad 1

Incident Number: nAPP2326452170



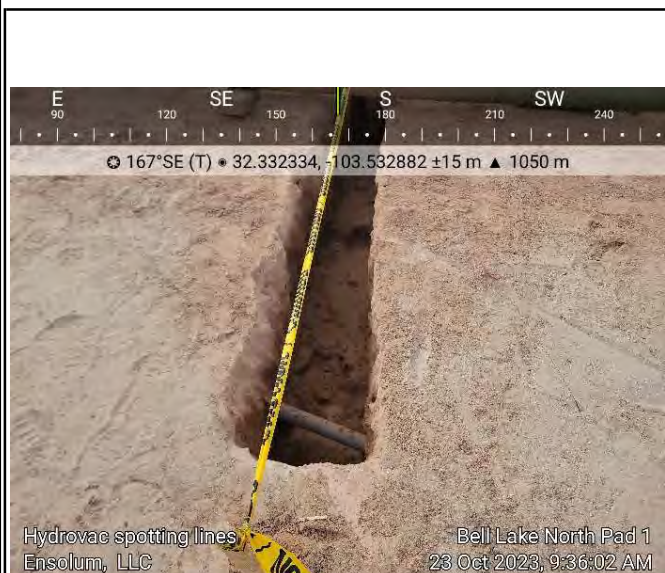
Photograph 17  
Description: Spotting Lines  
View: Southwest

Date: 10/20/2023



Photograph 18  
Description: Spotting Lines  
View: Northwest

Date: 10/20/2023



Photograph 19  
Description: Excavation of buried line  
View: South

Date: 10/23/2023



Photograph 20  
Description: Excavation of buried line  
View: Southwest

Date: 10/23/2023

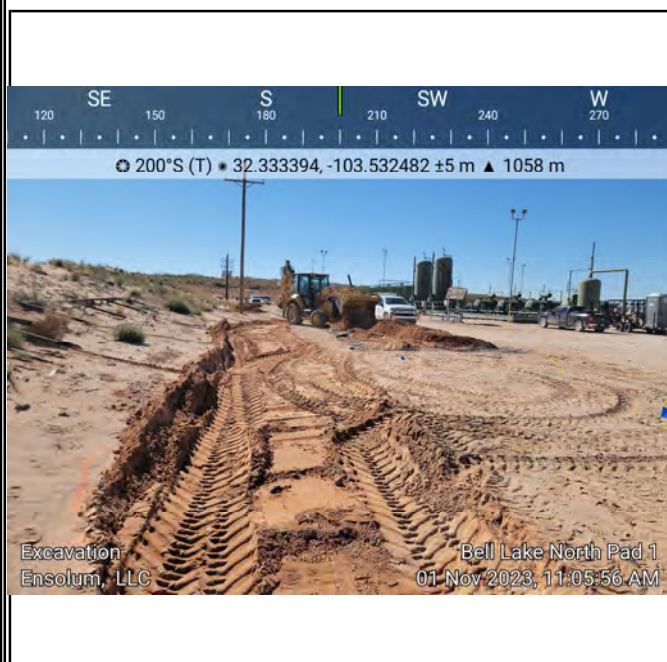


**Photographic Log**

Kaiser-Francis Oil Company

Bell Lake North Pad 1

Incident Number: nAPP2326452170



Photograph 21  
Description: Excavation  
View: South

Date: 11/1/2023



Photograph 22  
Description: Excavation  
View: South

Date: 11/2/2023



Photograph 23  
Description: Excavation  
View: East

Date: 11/2/2023



Photograph 24  
Description: Excavation  
View: South

Date: 11/4/2023

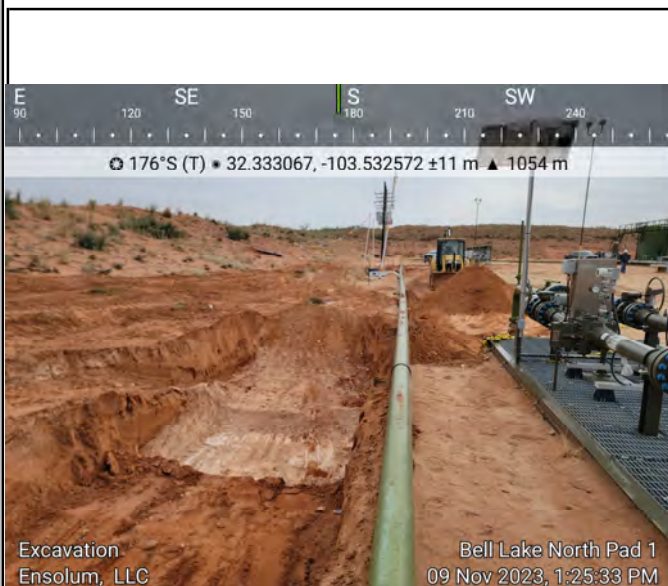


**Photographic Log**

Kaiser-Francis Oil Company

Bell Lake North Pad 1

Incident Number: nAPP2326452170

Excavation  
Ensolum, LLCBell Lake North Pad 1  
09 Nov 2023, 1:25:33 PMPhotograph 25  
Description: Excavation  
View: South

Date: 11/9/2023



Excavation Area

Bell Lake North Pad 1  
20 Nov 2023, 14:30:55Photograph 26  
Description: Excavation  
View: South

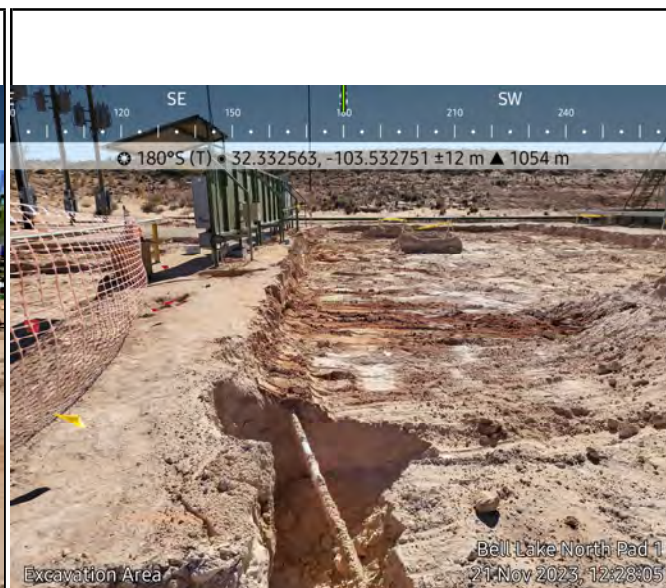
Date: 11/20/2023



Excavation Area

Bell Lake North Pad 1  
21 Nov 2023, 12:27:04Photograph 27  
Description: Excavation  
View: North

Date: 11/21/2023



Excavation Area

Bell Lake North Pad 1  
21 Nov 2023, 12:28:05Photograph 28  
Description: Excavation  
View: South

Date: 11/21/2023



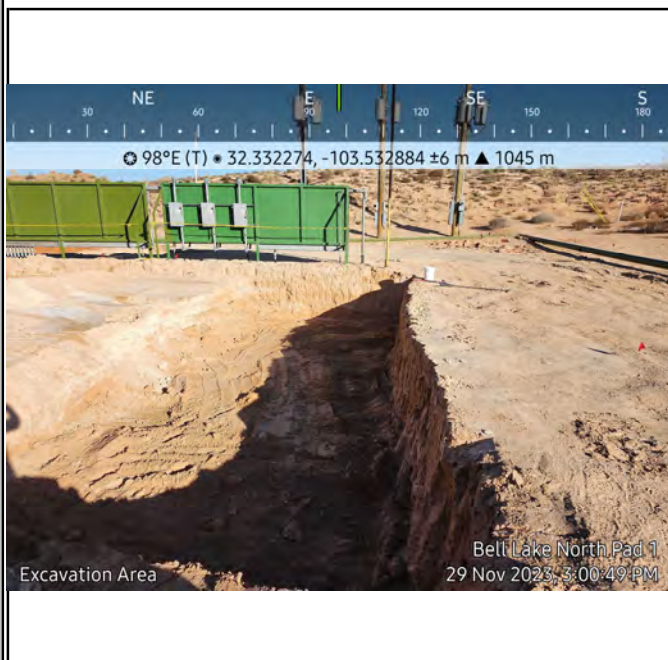


# Photographic Log

Kaiser-Francis Oil Company

Bell Lake North Pad 1

Incident Number: nAPP2326452170



Photograph 29

Date: 11/29/2023

Description: Excavation

View: East

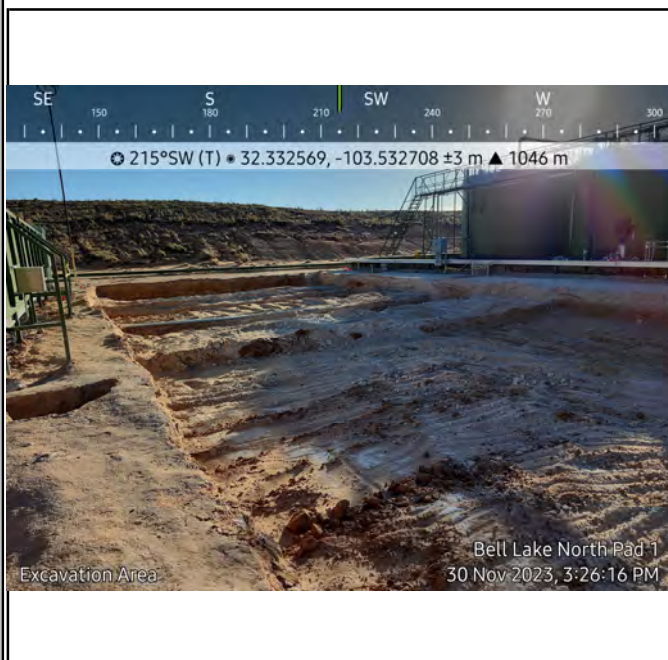


Photograph 30

Date: 11/29/2023

Description: Excavation

View: West



Photograph 31

Date: 11/30/2023

Description: Excavation

View: Southwest



Photograph 32

Date: 11/30/2023

Description: Excavation

View: Southeast



## APPENDIX E

### Laboratory Analytical Reports & Chain-of-Custody Documentation

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Report to:

Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E309221

Job Number: 23078-0001

Received: 9/29/2023

Revision: 0

Report Reviewed By:

**Draft**

Walter Hinchman  
Laboratory Director  
9/29/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.

Date Reported: 9/29/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E309221  
Date Received: 9/29/2023 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2023 6:30:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|                       |    |
|-----------------------|----|
| Title Page            | 1  |
| Cover Page            | 2  |
| Table of Contents     | 3  |
| Sample Summary        | 4  |
| Sample Data           | 5  |
| SS01-0'               | 5  |
| SS02-0'               | 6  |
| SS03-0'               | 7  |
| SS04-0'               | 8  |
| SS05-0'               | 9  |
| SS06-0'               | 10 |
| SS07-0'               | 11 |
| SS08-0'               | 12 |
| SS09-0'               | 13 |
| SS10-0'               | 14 |
| SS11-0'               | 15 |
| BH01-0'               | 16 |
| BH01-1'               | 17 |
| PH01-0'               | 18 |
| PH01-1'               | 19 |
| PH02-0'               | 20 |
| PH02-1'               | 21 |
| Definitions and Notes | 22 |
| Chain of Custody etc. | 23 |

Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 09/29/23 17:36 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| SS01-0'          | E309221-01A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS02-0'          | E309221-02A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS03-0'          | E309221-03A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS04-0'          | E309221-04A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS05-0'          | E309221-05A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS06-0'          | E309221-06A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS07-0'          | E309221-07A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS08-0'          | E309221-08A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS09-0'          | E309221-09A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS10-0'          | E309221-10A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| SS11-0'          | E309221-11A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| BH01-0'          | E309221-12A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| BH01-1'          | E309221-13A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| PH01-0'          | E309221-14A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| PH01-1'          | E309221-15A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| PH02-0'          | E309221-16A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |
| PH02-1'          | E309221-17A   | Solid  | 09/27/23 | 09/29/23 | Glass Jar, 2 oz. |





Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>9/29/2023 5:36:12PM |
|---|---|----------------------------------|

SS01-0'

E309221-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.6 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.5 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | 52.5   | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 85.8 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | 37.7   | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS02-0'

E309221-02

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 93.8 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 94.5 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 91.6 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | 110    | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS03-0'

E309221-03

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 93.6 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.2 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 86.7 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS04-0'

E309221-04

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.0 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 96.0 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 100 %  | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |





Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS05-0'

E309221-05

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.6 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 85.7 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 91.0 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS06-0'

E309221-06

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 93.7 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 87.1 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 84.2 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | 34.9   | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS07-0'

E309221-07

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 93.6 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 86.3 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 90.2 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS08-0'

E309221-08

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 92.8 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 87.1 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 103 %  | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |





Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS09-0'

E309221-09

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 91.8 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 86.8 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 102 %  | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS10-0'

E309221-10

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 92.9 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 87.3 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 107 %  | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

SS11-0'

E309221-11

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.2 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 95.1 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 102 %  | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH01-0'

E309221-12

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 93.2 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.8 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 102 %  | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | 5320   | 100             | 5            | 09/29/23 | 09/29/23       |       |





Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH01-1'

E309221-13

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.4 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 95.7 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 103 %  | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | 49.9   | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

PH01-0'

E309221-14

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.6 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.9 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 105 %  | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | 24.6   | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

PH01-1'

E309221-15

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.4 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 97.2 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 91.7 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

PH02-0'

E309221-16

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.8 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.5 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 85.5 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | 4260   | 40.0            | 2            | 09/29/23 | 09/29/23       |       |





Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>9/29/2023 5:36:12PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

PH02-1'

E309221-17

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/29/23 | 09/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.4 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339096 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 96.1 % | 70-130          |              | 09/29/23 | 09/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2339100 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/29/23 | 09/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/29/23 | 09/29/23       |       |
| Surrogate: n-Nonane                                   | 93.9 % | 50-200          |              | 09/29/23 | 09/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339108 |       |
| Chloride  | ND     | 20.0            | 1            | 09/29/23 | 09/29/23       |       |



Definitions and Notes

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 09/29/23 17:36 |

- 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.



|                                      |  |                          |  |                                   |  |                       |  |                    |    |    |          |     |      |
|--------------------------------------|--|--------------------------|--|-----------------------------------|--|-----------------------|--|--------------------|----|----|----------|-----|------|
| Client: Kaiser-Francis Oil Company   |  | <b>Bill To</b>           |  | <b>Lab Use Only</b>               |  | <b>TAT</b>            |  | <b>EPA Program</b> |    |    |          |     |      |
| Project: Bell Lake North Pad 1       |  | Attention: Hutton Andrew |  | Lab WO# E309221                   |  | Job Number 23078-0001 |  | 1D                 | 2D | 3D | Standard | CWA | SDWA |
| Project Manager: Ashley Giovengo     |  | Address: 6733 Tale Ave   |  | City, State, Zip: Tulsa OK, 74136 |  | Analysis and Method   |  |                    |    |    |          |     |      |
| Address: 3122 National Parks Hwy     |  | Phone: 580-307-7363      |  | Email: huttona@kfoc.net           |  |                       |  |                    |    |    |          |     | RCRA |
| City, State, Zip: Carlsbad NM, 88220 |  |                          |  |                                   |  |                       |  |                    |    |    |          |     |      |
| Phone: 575-988-0055                  |  |                          |  |                                   |  |                       |  |                    |    |    |          |     |      |
| Email: agiovengo@ensolum.com         |  |                          |  |                                   |  |                       |  |                    |    |    |          |     |      |
| Report due by:                       |  |                          |  |                                   |  |                       |  |                    |    |    |          |     |      |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | GDOC TX | State | Remarks |
|--------------|--------------|--------|-------------------|-----------|------------|-------------------------|--------------|-------------|-------------|----------------|----------|---------|-------|---------|
| 12:29        | 9/27/2023    | Soil   | 1 Jar             | SS01 - 0' | 1          |                         |              |             |             |                | X        |         |       |         |
| 11:45        | 9/27/2023    | Soil   | 1 Jar             | SS02 - 0' | 2          |                         |              |             |             |                | X        |         |       |         |
| 11:46        | 9/27/2023    | Soil   | 1 Jar             | SS03 - 0' | 3          |                         |              |             |             |                | X        |         |       |         |
| 11:48        | 9/27/2023    | Soil   | 1 Jar             | SS04 - 0' | 4          |                         |              |             |             |                | X        |         |       |         |
| 11:50        | 9/27/2023    | Soil   | 1 Jar             | SS05 - 0' | 5          |                         |              |             |             |                | X        |         |       |         |
| 11:52        | 9/27/2023    | Soil   | 1 Jar             | SS06 - 0' | 6          |                         |              |             |             |                | X        |         |       |         |
| 11:54        | 9/27/2023    | Soil   | 1 Jar             | SS07 - 0' | 7          |                         |              |             |             |                | X        |         |       |         |
| 11:58        | 9/27/2023    | Soil   | 1 Jar             | SS08 - 0' | 8          |                         |              |             |             |                | X        |         |       |         |
| 12:01        | 9/27/2023    | Soil   | 1 Jar             | SS09 - 0' | 9          |                         |              |             |             |                | X        |         |       |         |
| 12:02        | 9/27/2023    | Soil   | 1 Jar             | SS10 - 0' | 10         |                         |              |             |             |                | X        |         |       |         |

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, ehaf@ensolum.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. |  |              |  |              |  | 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 5 °C on subsequent days. |  |              |  |           |  |
| Relinquished by: (Signature) <i>E. Blot</i>   |  |              |  |              |  | Received by: (Signature) <i>Michelle Gurne</i>  |  |              |  |           |  |
| Date 9-28-23  |  | Time 7:35    |  | Date 9-28-23 |  | Time 0900   |  | Lab Use Only |  |           |  |
| Relinquished by: (Signature) <i>Michelle Gurne</i>  |  | Date 9-28-23 |  | Time 1515    |  | Received by: (Signature) <i>Kenneth Gurne</i>   |  | Date 9-28-23 |  | Time 1515 |  |
| Relinquished by: (Signature) <i>Kenneth Gurne</i>   |  | Date 9-28-23 |  | Time 2111    |  | Received by: (Signature) <i>Kenneth R. Hume</i>   |  | Date 9/29/23 |  | Time 0630 |  |
| 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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|   |              |         |                   |                          |   |                         |                     |  |             |   |       |    |                                     |          |                |      |      |  |  |
|---|--------------|---------|-------------------|--------------------------|---|-------------------------|---------------------|--|-------------|---|-------|----|-------------------------------------|----------|----------------|------|------|--|--|
| Client: Kaiser-Francis Oil Company  |              |         |                   |                          | <b>Bill To</b><br>Attention: Hutton Andrew<br>Address: 6733 Tale Ave<br>City, State, Zip: Tulsa OK, 74136<br>Phone: 580-307-7363<br>Email: huttona@kfoc.net |                         | Lab Use Only        |  |             |   | TAT   |    |                                     |          | EPA Program    |      |      |  |  |
| Project: Bell Lake North Pad 1  |              |         |                   |                          |   |                         | Lab WO#             | Job Number   |             |   | 1D    | 2D | 3D                                  | Standard | CWA            | SDWA |      |  |  |
| Project Manager: Ashley Giovengo  |              |         |                   |                          |   |                         | E309221             |  |             | 230780001   |       |    | <input checked="" type="checkbox"/> |          |                |      |      |  |  |
| Address: 3122 National Parks Hwy  |              |         |                   |                          |   |                         | Analysis and Method |  |             |   |       |    |                                     |          |                |      | RCRA |  |  |
| City, State, Zip: Carlsbad NM, 88220  |              |         |                   |                          |   |                         |                     |  |             |   |       |    |                                     |          |                |      |      |  |  |
| Phone: 575-988-0055   |              |         |                   |                          |   |                         |                     |  |             |   |       |    |                                     |          | State          |      |      |  |  |
| Email: agiovengo@ensolum.com  |              |         |                   |                          |   |                         |                     |  |             |   |       |    |                                     |          | NM CO UT AZ TX |      |      |  |  |
| Report due by:  |              |         |                   |                          |   |                         |                     |  |             |   |       |    |                                     |          | x              |      |      |  |  |
| Time Sampled  | Date Sampled | Matrix  | No. of Containers | Sample ID                | Lab Number  | TPH GRO/DRO/ORO by 8015 | BTEX by 8021        | VOC by 8260  | Metals 6010 | Chloride 300.0  | BGDOC | NM | GDOC                                | TX       | Remarks        |      |      |  |  |
| 12:05   | 9/27/2023    | Soil    | 1 Jar             | SS11 - 0'                | 11  |                         |                     |  |             |   | X     |    |                                     |          |                |      |      |  |  |
| 11:27   | 9/27/2023    | Soil    | 1 Jar             | BH01 - 0'                | 12  |                         |                     |  |             |   | X     |    |                                     |          |                |      |      |  |  |
| 11:30   | 9/27/2023    | Soil    | 1 Jar             | BH01 - 1'                | 13  |                         |                     |  |             |   | X     |    |                                     |          |                |      |      |  |  |
| 10:28   | 9/27/2023    | Soil    | 1 Jar             | PH01 - 0'                | 14  |                         |                     |  |             |   | X     |    |                                     |          |                |      |      |  |  |
| 10:33   | 9/27/2023    | Soil    | 1 Jar             | PH01 - 1'                | 15  |                         |                     |  |             |   | X     |    |                                     |          |                |      |      |  |  |
| 10:42   | 9/27/2023    | Soil    | 1 Jar             | PH02 - 0'                | 16  |                         |                     |  |             |   | X     |    |                                     |          |                |      |      |  |  |
| 10:45   | 9/27/2023    | Soil    | 1 Jar             | PH02 - 1'                | 17  |                         |                     |  |             |   | X     |    |                                     |          |                |      |      |  |  |
|   |              |         |                   |                          |   |                         |                     |  |             |   |       |    |                                     |          |                |      |      |  |  |
|   |              |         |                   |                          |   |                         |                     |  |             |   |       |    |                                     |          |                |      |      |  |  |
|   |              |         |                   |                          |   |                         |                     |  |             |   |       |    |                                     |          |                |      |      |  |  |
| <b>Additional Instructions:</b> Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, ehaft@ensolum.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.   |              |         |                   |                          |   |                         |                     |  |             | 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. |       |    |                                     |          |                |      |      |  |  |
| Sampled by:   |              |         |                   |                          |   |                         |                     |  |             | Lab Use Only  |       |    |                                     |          |                |      |      |  |  |
| Relinquished by: (Signature)  |              | Date    | Time              | Received by: (Signature) |   | Date                    | Time                | Received on ice: <input checked="" type="checkbox"/> Y / N |             |   |       |    |                                     |          |                |      |      |  |  |
| Late Burto  |              | 9-28-23 | 7:35              | Michelle Gaurle          |   | 9-28-23                 | 0900                |  |             |   |       |    |                                     |          |                |      |      |  |  |
| Relinquished by: (Signature)  |              | Date    | Time              | Received by: (Signature) |   | Date                    | Time                | T1 T2 T3   |             |   |       |    |                                     |          |                |      |      |  |  |
| Michelle Gaurle   |              | 9-28-23 | 1515              | Kenneth Gaurle           |   | 9-28-23                 | 1515                |  |             |   |       |    |                                     |          |                |      |      |  |  |
| Relinquished by: (Signature)  |              | Date    | Time              | Received by: (Signature) |   | Date                    | Time                | AVG Temp °C  |             |   |       |    |                                     |          |                |      |      |  |  |
| Kenneth Gaurle  |              | 9-28-23 | 2111              | Kings R Hall             |   | 9/29/23                 | 0630                | 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: 9/29/2023 5:34:59PM

## 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:  | 09/29/23 06:30             | Work Order ID: | E309221      |
| Phone:  | (505) 382-1211             | Date Logged In: | 09/28/23 17:30             | Logged In By:  | Caitlin Mars |
| Email:  | agiovento@ensolum.com      | Due Date:       | 10/02/23 17:00 (1 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**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? No
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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - Collectors name? Yes

**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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E309239

Job Number: 23078-0001

Received: 9/30/2023

Revision: 0

Report Reviewed By:

**Draft**

Walter Hinchman  
Laboratory Director  
10/2/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.

Date Reported: 10/2/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E309239  
Date Received: 9/30/2023 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2023 8:00:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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**Rayny Hagan**  
Technical Representative  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| BH05 - 0'   | 5  |
| BH05 - 1'   | 6  |
| BH05 - 2'   | 7  |
| BH06 - 0'   | 8  |
| BH06 - 0.5'   | 9  |
| BH07 - 0'   | 10 |
| BH07 - 1'   | 11 |
| BH07 - 2'   | 12 |
| BH07 - 3'   | 13 |
| SS12 - 0'   | 14 |
| SS13 - 0'   | 15 |
| QC Summary Data                                     | 16 |
| QC - Volatile Organics by EPA 8021B                 | 16 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 17 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 18 |
| Definitions and Notes                               | 19 |
| Chain of Custody etc.                               | 20 |



Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/02/23 13:09 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| BH05 - 0'        | E309239-01A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH05 - 1'        | E309239-02A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH05 - 2'        | E309239-03A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH06 - 0'        | E309239-04A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH06 - 0.5'      | E309239-05A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH07 - 0'        | E309239-06A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH07 - 1'        | E309239-07A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH07 - 2'        | E309239-08A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH07 - 3'        | E309239-09A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| SS12 - 0'        | E309239-10A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |
| SS13 - 0'        | E309239-11A   | Soil   | 09/29/23 | 09/30/23 | Glass Jar, 2 oz. |



## Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/2/2023 1:09:25PM |
|---|---|----------------------------------|

BH05 - 0'

E309239-01

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 94.5 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 86.9 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 97.6 % | 50-200          |             | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |             |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 679    | 20.0            | 1           | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 1:09:25PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH05 - 1'

E309239-02

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 93.8 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 86.3 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: n-Nonane                                   | 90.4 % | 50-200          |             | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 336    | 20.0            | 1           | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 1:09:25PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH05 - 2'

E309239-03

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.3 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 86.8 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: n-Nonane                                   | 100 %  | 50-200          |             | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 22.2   | 20.0            | 1           | 09/30/23 | 10/02/23       |       |





Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 1:09:25PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH06 - 0'

E309239-04

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 94.1 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 86.7 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | 29.7   | 25.0            | 1           | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 100 %  | 50-200          |             | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 228    | 20.0            | 1           | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 1:09:25PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH06 - 0.5'  
E309239-05

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.5 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 86.8 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | 36.5   | 25.0            | 1           | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 10/01/23       |       |
| Surrogate: n-Nonane                                   | 99.8 % | 50-200          |             | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 66.3   | 20.0            | 1           | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 1:09:25PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH07 - 0'

E309239-06

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.0 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 09/30/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 87.1 % | 70-130          |             | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | 34.7   | 25.0            | 1           | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 10/01/23       |       |
| Surrogate: n-Nonane                                   | 99.7 % | 50-200          |             | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 5590   | 40.0            | 2           | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 1:09:25PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH07 - 1'

E309239-07

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.0 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 10/01/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 86.9 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 10/01/23       |       |
| Surrogate: n-Nonane                                   | 96.5 % | 50-200          |             | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 7490   | 40.0            | 2           | 09/30/23 | 10/02/23       |       |





Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 1:09:25PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH07 - 2'

E309239-08

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 95.4 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 86.1 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 91.0 % | 50-200          |             | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 7280   | 40.0            | 2           | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 1:09:25PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH07 - 3'

E309239-09

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 94.5 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 86.5 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 103 %  | 50-200          |             | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 398    | 20.0            | 1           | 09/30/23 | 10/02/23       |       |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/2/2023 1:09:25PM |
|---|---|----------------------------------|

SS12 - 0'

E309239-10

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.6 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 10/01/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 87.1 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | 27.4   | 25.0            | 1           | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 10/01/23       |       |
| Surrogate: n-Nonane                                   | 104 %  | 50-200          |             | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | 29.5   | 20.0            | 1           | 09/30/23 | 10/02/23       |       |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/2/2023 1:09:25PM |
|---|---|----------------------------------|

SS13 - 0'

E309239-11

| Analyte   | Result | Reporting Limit | Dilution    | Prepared | Analyzed       | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Benzene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1           | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |             |          |                |       |
|   | 94.5 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY |          | Batch: 2339120 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |             |          |                |       |
|   | 86.3 % | 70-130          |             | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM |          | Batch: 2339124 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1           | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1           | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |             |          |                |       |
|   | 97.9 % | 50-200          |             | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA |          | Batch: 2339125 |       |
| Chloride  | ND     | 20.0            | 1           | 09/30/23 | 10/02/23       |       |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/2/2023 1:09:25PM |

Volatile Organics by EPA 8021B

Analyst: IY

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2339120-BLK1) Prepared: 09/30/23 Analyzed: 09/30/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.52 |        | 8.00 |  | 94.0 | 70-130 |  |  |  |

LCS (2339120-BS1) Prepared: 09/30/23 Analyzed: 09/30/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.77 | 0.0250 | 5.00 |  | 95.4 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.60 | 0.0250 | 5.00 |  | 92.1 | 70-130 |  |  |  |
| Toluene                             | 4.79 | 0.0250 | 5.00 |  | 95.7 | 70-130 |  |  |  |
| o-Xylene                            | 4.75 | 0.0250 | 5.00 |  | 95.0 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.54 | 0.0500 | 10.0 |  | 95.4 | 70-130 |  |  |  |
| Total Xylenes                       | 14.3 | 0.0250 | 15.0 |  | 95.3 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.57 |        | 8.00 |  | 94.7 | 70-130 |  |  |  |

Matrix Spike (2339120-MS1) Source: E309234-04 Prepared: 09/30/23 Analyzed: 09/30/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 4.64 | 0.0250 | 5.00 | ND | 92.9 | 54-133 |  |  |  |
| Ethylbenzene                        | 4.50 | 0.0250 | 5.00 | ND | 90.1 | 61-133 |  |  |  |
| Toluene                             | 4.67 | 0.0250 | 5.00 | ND | 93.4 | 61-130 |  |  |  |
| o-Xylene                            | 4.61 | 0.0250 | 5.00 | ND | 92.2 | 63-131 |  |  |  |
| p,m-Xylene                          | 9.34 | 0.0500 | 10.0 | ND | 93.4 | 63-131 |  |  |  |
| Total Xylenes                       | 14.0 | 0.0250 | 15.0 | ND | 93.0 | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.52 |        | 8.00 |    | 94.0 | 70-130 |  |  |  |

Matrix Spike Dup (2339120-MSD1) Source: E309234-04 Prepared: 09/30/23 Analyzed: 09/30/23

|                                     |      |        |      |    |      |        |      |    |  |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene                             | 4.91 | 0.0250 | 5.00 | ND | 98.2 | 54-133 | 5.55 | 20 |  |
| Ethylbenzene                        | 4.75 | 0.0250 | 5.00 | ND | 95.0 | 61-133 | 5.34 | 20 |  |
| Toluene                             | 4.93 | 0.0250 | 5.00 | ND | 98.6 | 61-130 | 5.38 | 20 |  |
| o-Xylene                            | 4.87 | 0.0250 | 5.00 | ND | 97.4 | 63-131 | 5.52 | 20 |  |
| p,m-Xylene                          | 9.84 | 0.0500 | 10.0 | ND | 98.4 | 63-131 | 5.18 | 20 |  |
| Total Xylenes                       | 14.7 | 0.0250 | 15.0 | ND | 98.1 | 63-131 | 5.29 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.59 |        | 8.00 |    | 94.9 | 70-130 |      |    |  |





QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/2/2023 1:09:25PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2339120-BLK1) Prepared: 09/30/23 Analyzed: 09/30/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.95 |      | 8.00 |  | 86.9 | 70-130 |  |  |  |

LCS (2339120-BS2) Prepared: 09/30/23 Analyzed: 09/30/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 39.9 | 20.0 | 50.0 |  | 79.8 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.98 |      | 8.00 |  | 87.3 | 70-130 |  |  |  |

Matrix Spike (2339120-MS2) Source: E309234-04 Prepared: 09/30/23 Analyzed: 09/30/23

|   |      |      |      |    |      |        |  |  |  |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 43.7 | 20.0 | 50.0 | ND | 87.3 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.11 |      | 8.00 |    | 88.9 | 70-130 |  |  |  |

Matrix Spike Dup (2339120-MSD2) Source: E309234-04 Prepared: 09/30/23 Analyzed: 09/30/23

|   |      |      |      |    |      |        |      |    |  |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 42.9 | 20.0 | 50.0 | ND | 85.8 | 70-130 | 1.83 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.00 |      | 8.00 |    | 87.5 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/2/2023 1:09:25PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2339124-BLK1)            |      |      |      |  | Prepared: 09/30/23 Analyzed: 09/30/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 66.4 |      | 50.0 |  | 133                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2339124-BS1)               |      |      |      |  | Prepared: 09/30/23 Analyzed: 09/30/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 260  | 25.0 | 250  |  | 104                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 66.7 |      | 50.0 |  | 133                                   | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2339124-MS1)      |      |      |      |    | Source: E309239-03 |        | Prepared: 09/30/23 Analyzed: 09/30/23 |  |  |
| Diesel Range Organics (C10-C28) | 250  | 25.0 | 250  | ND | 99.9               | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 48.0 |      | 50.0 |    | 96.0               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2339124-MSD1) |      |      |      |    | Source: E309239-03 |        | Prepared: 09/30/23 Analyzed: 09/30/23 |    |  |
| Diesel Range Organics (C10-C28) | 256  | 25.0 | 250  | ND | 103                | 38-132 | 2.60                                  | 20 |  |
| Surrogate: n-Nonane             | 47.2 |      | 50.0 |    | 94.3               | 50-200 |                                       |    |  |

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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/02/23 13:09 |

- 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.



|                                      |   |                            |              |             |             |                |          |                    |       |      |
|--------------------------------------|---|----------------------------|--------------|-------------|-------------|----------------|----------|--------------------|-------|------|
| Client: Kaiser-Francis Oil Company   | <b>Bill To</b><br>Attention: Hutton Andrew<br>Address: 6733 Tale Ave<br>City, State, Zip: Tulsa OK, 74136<br>Phone: 580-307-7363<br>Email: huttona@kfoc.net | <b>Lab Use Only</b>        |              | <b>TAT</b>  |             |                |          | <b>EPA Program</b> |       |      |
| Project: Bell Lake North Pad 1       |   | Lab WO#                    | Job Number   | 1D          | 2D          | 3D             | Standard | CWA                | SDWA  |      |
| Project Manager: Ashley Giovengo     |   | E 309239                   | 23078-0001   | X           |             |                |          |                    |       |      |
| Address: 3122 National Parks Hwy     |   | <b>Analysis and Method</b> |              |             |             |                |          |                    |       | RCRA |
| City, State, Zip: Carlsbad NM, 88220 |   | TPH GRO/DRO/ORO by 8015    | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | GDOC TX            | State |      |
| Phone: 575-988-0055                  |   |                            |              |             |             |                |          |                    | NM    | CO   |
| Email: agiovengo@ensolum.com         |   |                            |              |             |             |                |          | UT                 | AZ    |      |
| Report due by:                       |   |                            |              |             |             |                |          | TX                 |       |      |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID   | Lab Number | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | GDOC TX | Remarks |
|--------------|--------------|--------|-------------------|-------------|------------|-------------------------|--------------|-------------|-------------|----------------|----------|---------|---------|
| 10:20        | 9/29/2023    | Soil   | 1 Jar             | BH05 - 0'   | 1          |                         |              |             |             |                | X        |         |         |
| 10:31        | 9/29/2023    | Soil   | 1 Jar             | BH05 - 1'   | 2          |                         |              |             |             |                | X        |         |         |
| 11:20        | 9/29/2023    | Soil   | 1 Jar             | BH05 - 2'   | 3          |                         |              |             |             |                | X        |         |         |
| 10:36        | 9/29/2023    | Soil   | 1 Jar             | BH06 - 0'   | 4          |                         |              |             |             |                | X        |         |         |
| 10:58        | 9/29/2023    | Soil   | 1 Jar             | BH06 - 0.5' | 5          |                         |              |             |             |                | X        |         |         |
| 11:25        | 9/29/2023    | Soil   | 1 Jar             | BH07 - 0'   | 6          |                         |              |             |             |                | X        |         |         |
| 11:30        | 9/29/2023    | Soil   | 1 Jar             | BH07 - 1'   | 7          |                         |              |             |             |                | X        |         |         |
| 11:40        | 9/29/2023    | Soil   | 1 Jar             | BH07 - 2'   | 8          |                         |              |             |             |                | X        |         |         |
| 12:17        | 9/29/2023    | Soil   | 1 Jar             | BH07 - 3'   | 9          |                         |              |             |             |                | X        |         |         |
| 12:29        | 9/29/2023    | Soil   | 1 Jar             | SS12 - 0'   | 10         |                         |              |             |             |                | X        |         |         |

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, ehaff@ensolum.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 | Lab Use Only<br>Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4.0</u> |
| Relinquished by: (Signature) | Date    | Time | Received by: (Signature) | Date     | Time |   |
| Relinquished by: (Signature) | Date    | Time | Received by: (Signature) | Date     | Time |   |
|                              | 9-29-23 | 3:51 |                          | 9-29-23  | 1:51 |   |
|                              | 9-29-23 | 1730 |                          | 9-29-23  | 1730 |   |
|                              | 9-29-23 | 2330 |                          | 09/30/23 | 8:00 |   |

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.





[illegible]



## Envirotech Analytical Laboratory

Printed: 10/2/2023 10:00:18AM

## 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:  | 09/30/23 08:00             | Work Order ID: | E309239        |
| Phone:  | (505) 382-1211             | Date Logged In: | 09/29/23 19:15             | Logged In By:  | Alexa Michaels |
| Email:  | agiovento@ensolum.com      | Due Date:       | 10/02/23 17:00 (0 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - Collectors name? Yes

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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E309240

Job Number: 23078-0001

Received: 9/30/2023

Revision: 0

Report Reviewed By:

**Draft**

Walter Hinchman  
Laboratory Director  
10/2/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.

Date Reported: 10/2/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E309240  
Date Received: 9/30/2023 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2023 8:00:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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**Lynn Jarboe**  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| BH02 - 0'   | 5  |
| BH02 - 1'   | 6  |
| BH02 - 2'   | 7  |
| BH02 - 3'   | 8  |
| BH02 - 4'   | 9  |
| BH03 - 0'   | 10 |
| BH03 - 1'   | 11 |
| BH03 - 2'   | 12 |
| BH04 - 0'   | 13 |
| BH04 - 1'   | 14 |
| BH04 - 2'   | 15 |
| BH04 - 3'   | 16 |
| QC Summary Data                                     | 17 |
| QC - Volatile Organics by EPA 8021B                 | 17 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 18 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 19 |
| Definitions and Notes                               | 20 |
| Chain of Custody etc.                               | 21 |

Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/02/23 14:49 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| BH02 - 0'        | E309240-01A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH02 - 1'        | E309240-02A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH02 - 2'        | E309240-03A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH02 - 3'        | E309240-04A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH02 - 4'        | E309240-05A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH03 - 0'        | E309240-06A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH03 - 1'        | E309240-07A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH03 - 2'        | E309240-08A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH04 - 0'        | E309240-09A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH04 - 1'        | E309240-10A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH04 - 2'        | E309240-11A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |
| BH04 - 3'        | E309240-12A   | Soil   | 09/28/23 | 09/30/23 | Glass Jar, 2 oz. |





Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/2/2023 2:49:15PM |
|---|---|----------------------------------|

BH02 - 0'

E309240-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | 0.159  | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Toluene   | 0.0416 | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| o-Xylene  | 0.299  | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | 0.706  | 0.0500          | 1            | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | 1.01   | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 99.4 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.4 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | 2070   | 50.0            | 2            | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | 1160   | 100             | 2            | 09/30/23 | 09/30/23       |       |
| Surrogate: n-Nonane                                   | 92.0 % | 50-200          |              | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 15200  | 400             | 20           | 09/30/23 | 10/02/23       |       |



## Sample Data

Kaiser Francis Oil Company  
1224 Standpipe Rd  
Carlsbad NM, 88220

Project Name: Bell Lake North Pad 1  
Project Number: 23078-0001  
Project Manager: Ashley Giovengo

**Reported:**  
10/2/2023 2:49:15PM

## BH02 - 1'

## E309240-02

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 95.5 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 93.7 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: n-Nonane</i>                            | 93.4 % | 50-200          |              | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 5770   | 100             | 5            | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 2:49:15PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH02 - 2'

E309240-03

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 93.7 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.9 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: n-Nonane                                   | 95.6 % | 50-200          |              | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 2080   | 40.0            | 2            | 09/30/23 | 10/02/23       |       |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/2/2023 2:49:15PM |
|---|---|----------------------------------|

BH02 - 3'

E309240-04

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.1 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.3 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | 27.1   | 25.0            | 1            | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: n-Nonane                                   | 93.4 % | 50-200          |              | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 1370   | 20.0            | 1            | 09/30/23 | 10/02/23       |       |



## Sample Data

Kaiser Francis Oil Company  
1224 Standpipe Rd  
Carlsbad NM, 88220

Project Name: Bell Lake North Pad 1  
Project Number: 23078-0001  
Project Manager: Ashley Giovengo

**Reported:**  
10/2/2023 2:49:15PM

BH02 - 4'

E309240-05

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 93.6 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 90.9 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/30/23 | 09/30/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 09/30/23       |       |
| <i>Surrogate: n-Nonane</i>                            | 92.6 % | 50-200          |              | 09/30/23 | 09/30/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 60.3   | 20.0            | 1            | 09/30/23 | 10/02/23       |       |





Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/2/2023 2:49:15PM |
|---|---|----------------------------------|

BH03 - 0'

E309240-06

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 09/30/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.0 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 09/30/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.2 % | 70-130          |              | 09/30/23 | 09/30/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | 98.9   | 25.0            | 1            | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: n-Nonane                                   | 94.9 % | 50-200          |              | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 4060   | 40.0            | 2            | 09/30/23 | 10/02/23       |       |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/2/2023 2:49:15PM |
|---|---|----------------------------------|

BH03 - 1'

E309240-07

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 95.9 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 91.5 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 90.6 % | 50-200          |              | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 10000  | 200             | 10           | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 2:49:15PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH03 - 2'

E309240-08

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.8 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.3 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: n-Nonane                                   | 93.3 % | 50-200          |              | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 77.8   | 20.0            | 1            | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 2:49:15PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH04 - 0'

E309240-09

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 98.1 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.8 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | 7950   | 50.0            | 2            | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | 4740   | 100             | 2            | 09/30/23 | 10/01/23       |       |
| Surrogate: n-Nonane                                   | 90.8 % | 50-200          |              | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 4830   | 100             | 5            | 09/30/23 | 10/02/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/2/2023 2:49:15PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

BH04 - 1'

E309240-10

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.8 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.7 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | 90.7   | 25.0            | 1            | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | 51.6   | 50.0            | 1            | 09/30/23 | 10/01/23       |       |
| Surrogate: n-Nonane                                   | 92.8 % | 50-200          |              | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 8470   | 200             | 10           | 09/30/23 | 10/02/23       |       |





## Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/2/2023 2:49:15PM |
|---|---|----------------------------------|

BH04 - 2'

E309240-11

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | 0.0371 | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Toluene   | 0.0319 | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 89.4 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 93.3 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | 34.1   | 25.0            | 1            | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 91.6 % | 50-200          |              | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 683    | 20.0            | 1            | 09/30/23 | 10/02/23       |       |



## Sample Data

|   |   |   |
|---|---|---|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | <b>Reported:</b><br>10/2/2023 2:49:15PM |
|---|---|---|

BH04 - 3'

E309240-12

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Benzene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 09/30/23 | 10/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 94.9 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: IY  |          | Batch: 2339121 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 91.1 % | 70-130          |              | 09/30/23 | 10/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2339123 |       |
| Diesel Range Organics (C10-C28)                       | 59.8   | 25.0            | 1            | 09/30/23 | 10/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 09/30/23 | 10/01/23       |       |
| <i>Surrogate: n-Nonane</i>                            | 90.9 % | 50-200          |              | 09/30/23 | 10/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2339126 |       |
| Chloride  | 215    | 20.0            | 1            | 09/30/23 | 10/02/23       |       |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/2/2023 2:49:15PM |

Volatile Organics by EPA 8021B

Analyst: IY

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2339121-BLK1) Prepared: 09/30/23 Analyzed: 09/30/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.55 |        | 8.00 |  | 94.4 | 70-130 |  |  |  |

LCS (2339121-BS1) Prepared: 09/30/23 Analyzed: 09/30/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 5.17 | 0.0250 | 5.00 |  | 103  | 70-130 |  |  |  |
| Ethylbenzene                        | 5.12 | 0.0250 | 5.00 |  | 102  | 70-130 |  |  |  |
| Toluene                             | 5.17 | 0.0250 | 5.00 |  | 103  | 70-130 |  |  |  |
| o-Xylene                            | 5.13 | 0.0250 | 5.00 |  | 103  | 70-130 |  |  |  |
| p,m-Xylene                          | 10.4 | 0.0500 | 10.0 |  | 104  | 70-130 |  |  |  |
| Total Xylenes                       | 15.5 | 0.0250 | 15.0 |  | 104  | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.60 |        | 8.00 |  | 95.1 | 70-130 |  |  |  |

Matrix Spike (2339121-MS1) Source: E309240-04 Prepared: 09/30/23 Analyzed: 09/30/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 4.93 | 0.0250 | 5.00 | ND | 98.6 | 54-133 |  |  |  |
| Ethylbenzene                        | 4.90 | 0.0250 | 5.00 | ND | 98.0 | 61-133 |  |  |  |
| Toluene                             | 4.93 | 0.0250 | 5.00 | ND | 98.7 | 61-130 |  |  |  |
| o-Xylene                            | 4.92 | 0.0250 | 5.00 | ND | 98.3 | 63-131 |  |  |  |
| p,m-Xylene                          | 9.99 | 0.0500 | 10.0 | ND | 99.9 | 63-131 |  |  |  |
| Total Xylenes                       | 14.9 | 0.0250 | 15.0 | ND | 99.4 | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.52 |        | 8.00 |    | 94.0 | 70-130 |  |  |  |

Matrix Spike Dup (2339121-MSD1) Source: E309240-04 Prepared: 09/30/23 Analyzed: 09/30/23

|                                     |      |        |      |    |      |        |        |    |  |
|-------------------------------------|------|--------|------|----|------|--------|--------|----|--|
| Benzene                             | 4.93 | 0.0250 | 5.00 | ND | 98.6 | 54-133 | 0.0436 | 20 |  |
| Ethylbenzene                        | 4.89 | 0.0250 | 5.00 | ND | 97.8 | 61-133 | 0.219  | 20 |  |
| Toluene                             | 4.92 | 0.0250 | 5.00 | ND | 98.4 | 61-130 | 0.280  | 20 |  |
| o-Xylene                            | 4.88 | 0.0250 | 5.00 | ND | 97.7 | 63-131 | 0.684  | 20 |  |
| p,m-Xylene                          | 9.96 | 0.0500 | 10.0 | ND | 99.6 | 63-131 | 0.296  | 20 |  |
| Total Xylenes                       | 14.8 | 0.0250 | 15.0 | ND | 98.9 | 63-131 | 0.424  | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.57 |        | 8.00 |    | 94.6 | 70-130 |        |    |  |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/2/2023 2:49:15PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2339121-BLK1) Prepared: 09/30/23 Analyzed: 09/30/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.44 |      | 8.00 |  | 92.9 | 70-130 |  |  |  |

LCS (2339121-BS2) Prepared: 09/30/23 Analyzed: 09/30/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 51.2 | 20.0 | 50.0 |  | 102  | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.60 |      | 8.00 |  | 95.0 | 70-130 |  |  |  |

Matrix Spike (2339121-MS2) Source: E309240-04 Prepared: 09/30/23 Analyzed: 09/30/23

|   |      |      |      |    |      |        |  |  |  |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 48.2 | 20.0 | 50.0 | ND | 96.5 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.41 |      | 8.00 |    | 92.6 | 70-130 |  |  |  |

Matrix Spike Dup (2339121-MSD2) Source: E309240-04 Prepared: 09/30/23 Analyzed: 09/30/23

|   |      |      |      |    |      |        |      |    |  |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 52.6 | 20.0 | 50.0 | ND | 105  | 70-130 | 8.60 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.41 |      | 8.00 |    | 92.7 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/2/2023 2:49:15PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2339123-BLK1)            |      |      |      |  | Prepared: 09/30/23 Analyzed: 09/30/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 46.8 |      | 50.0 |  | 93.7                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2339123-BS1)               |      |      |      |  | Prepared: 09/30/23 Analyzed: 09/30/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 243  | 25.0 | 250  |  | 97.2                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 46.7 |      | 50.0 |  | 93.3                                  | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2339123-MS1)      |      |      |      |    | Source: E309240-07 |        | Prepared: 09/30/23 Analyzed: 09/30/23 |  |  |
| Diesel Range Organics (C10-C28) | 251  | 25.0 | 250  | ND | 100                | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 42.7 |      | 50.0 |    | 85.4               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2339123-MSD1) |      |      |      |    | Source: E309240-07 |        | Prepared: 09/30/23 Analyzed: 09/30/23 |    |  |
| Diesel Range Organics (C10-C28) | 248  | 25.0 | 250  | ND | 99.3               | 38-132 | 1.10                                  | 20 |  |
| Surrogate: n-Nonane             | 42.8 |      | 50.0 |    | 85.7               | 50-200 |                                       |    |  |

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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/02/23 14:49 |

- 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.

|                                      |  |                                   |  |                  |  |                       |  |             |    |    |          |      |      |
|--------------------------------------|--|-----------------------------------|--|------------------|--|-----------------------|--|-------------|----|----|----------|------|------|
| Client: Kaiser-Francis Oil Company   |  | Bill To                           |  | Lab Use Only     |  | TAT                   |  | EPA Program |    |    |          |      |      |
| Project: Bell Lake North Pad 1       |  | Attention: Hutton Andrew          |  | Lab WO# E 309240 |  | Job Number 23078-0001 |  | 1D          | 2D | 3D | Standard | CWA  | SDWA |
| Project Manager: Ashley Giovengo     |  | Address: 6733 Tale Ave            |  |                  |  |                       |  | X           |    |    |          |      |      |
| Address: 3122 National Parks Hwy     |  | City, State, Zip: Tulsa OK, 74136 |  |                  |  |                       |  |             |    |    |          | RCRA |      |
| City, State, Zip: Carlsbad NM, 88220 |  | Phone: 580-307-7363               |  |                  |  |                       |  |             |    |    |          |      |      |
| Phone: 575-988-0055                  |  | Email: huttona@kfoc.net           |  |                  |  |                       |  |             |    |    |          |      |      |
| Email: agiovengo@ensolum.com         |  |                                   |  |                  |  |                       |  |             |    |    |          |      |      |
| Report due by:                       |  |                                   |  |                  |  |                       |  |             |    |    |          |      |      |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC | NM | GDOC | TX | Remarks |
|--------------|--------------|--------|-------------------|-----------|------------|-------------------------|--------------|-------------|-------------|----------------|-------|----|------|----|---------|
| 13:07        | 9/28/2023    | Soil   | 1 Jar             | BH02 - 0' | 1          |                         |              |             |             |                | X     |    |      |    |         |
| 13:11        | 9/28/2023    | Soil   | 1 Jar             | BH02 - 1' | 2          |                         |              |             |             |                | X     |    |      |    |         |
| 13:15        | 9/28/2023    | Soil   | 1 Jar             | BH02 - 2' | 3          |                         |              |             |             |                | X     |    |      |    |         |
| 14:05        | 9/28/2023    | Soil   | 1 Jar             | BH02 - 3' | 4          |                         |              |             |             |                | X     |    |      |    |         |
| 14:12        | 9/28/2023    | Soil   | 1 Jar             | BH02 - 4' | 5          |                         |              |             |             |                | X     |    |      |    |         |
| 13:17        | 9/28/2023    | Soil   | 1 Jar             | BH03 - 0' | 6          |                         |              |             |             |                | X     |    |      |    |         |
| 13:20        | 9/28/2023    | Soil   | 1 Jar             | BH03 - 1' | 7          |                         |              |             |             |                | X     |    |      |    |         |
| 13:23        | 9/28/2023    | Soil   | 1 Jar             | BH03 - 2' | 8          |                         |              |             |             |                | X     |    |      |    |         |
| 13:30        | 9/28/2023    | Soil   | 1 Jar             | BH04 - 0' | 9          |                         |              |             |             |                | X     |    |      |    |         |
| 13:36        | 9/28/2023    | Soil   | 1 Jar             | BH04 - 1' | 10         |                         |              |             |             |                | X     |    |      |    |         |

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, ehaff@ensolum.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: Cole Burton

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) <i>Cole Burton</i>    | Date 9-30-23 | Time 7:07 | Received by: (Signature) <i>Michelle Gault</i> | Date 9-29-23  | Time 1015 | Lab Use Only<br>Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C 4.0 |
| Relinquished by: (Signature) <i>Michelle Gault</i> | Date 9-29-23 | Time 1745 | Received by: (Signature) <i>Michelle Gault</i> | Date 9-29-23  | Time 2330 |  |
| Relinquished by: (Signature) <i>Michelle Gault</i> | Date 9-29-23 | Time 2330 | Received by: (Signature) <i>Drew Zago</i>      | Date 09/30/23 | Time 8:00 |  |

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 Analytical Laboratory

Printed: 10/2/2023 10:03:42AM

## 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:  | 09/30/23 08:00             | Work Order ID: | E309240        |
| Phone:  | (505) 382-1211             | Date Logged In: | 09/29/23 19:19             | Logged In By:  | Alexa Michaels |
| Email:  | agiovento@ensolum.com      | Due Date:       | 10/02/23 17:00 (0 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - Collectors name? Yes

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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E310117

Job Number: 23078-0001

Received: 10/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/23/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 10/23/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E310117  
Date Received: 10/18/2023 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/18/2023 8:15:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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**  
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## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| FS01 - 0'   | 5  |
| FS02 - 0'   | 6  |
| FS03 - 0'   | 7  |
| FS04 - 0'   | 8  |
| FS05 - 0'   | 9  |
| FS06 - 0'   | 10 |
| FS07 - 0'   | 11 |
| FS08 - 0'   | 12 |
| FS09 - 0'   | 13 |
| FS10 - 0'   | 14 |
| FS11 - 0'   | 15 |
| FS12 - 0'   | 16 |
| QC Summary Data                                     | 17 |
| QC - Volatile Organics by EPA 8021B                 | 17 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 18 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 19 |
| QC - Anions by EPA 300.0/9056A                      | 20 |
| Definitions and Notes                               | 21 |
| Chain of Custody etc.                               | 22 |

Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/23/23 11:13 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| FS01 - 0'        | E310117-01A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS02 - 0'        | E310117-02A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS03 - 0'        | E310117-03A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS04 - 0'        | E310117-04A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS05 - 0'        | E310117-05A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS06 - 0'        | E310117-06A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS07 - 0'        | E310117-07A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS08 - 0'        | E310117-08A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS09 - 0'        | E310117-09A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS10 - 0'        | E310117-10A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS11 - 0'        | E310117-11A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |
| FS12 - 0'        | E310117-12A   | Soil   | 10/16/23 | 10/18/23 | Glass Jar, 2 oz. |



## Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/23/2023 11:13:00AM |
|---|---|------------------------------------|

FS01 - 0'

E310117-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.4 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.5 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: n-Nonane                                   | 83.1 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 597    | 20.0            | 1            | 10/18/23 | 10/19/23       |       |



Sample Data

|                            |                  |                       |                                    |
|----------------------------|------------------|-----------------------|------------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>10/23/2023 11:13:00AM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                    |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                    |

FS02 - 0'

E310117-02

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 94.8 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 90.4 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 89.0 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 347    | 20.0            | 1            | 10/18/23 | 10/19/23       |       |





Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>10/23/2023 11:13:00AM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

FS03 - 0'

E310117-03

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.1 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.3 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: n-Nonane                                   | 95.4 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 182    | 20.0            | 1            | 10/18/23 | 10/19/23       |       |



Sample Data

|                            |                  |                       |                                    |
|----------------------------|------------------|-----------------------|------------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>10/23/2023 11:13:00AM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                    |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                    |

FS04 - 0'

E310117-04

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 96.2 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 90.8 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 88.8 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 1210   | 20.0            | 1            | 10/18/23 | 10/19/23       |       |



## Sample Data

Kaiser Francis Oil Company  
1224 Standpipe Rd  
Carlsbad NM, 88220

Project Name: Bell Lake North Pad 1  
Project Number: 23078-0001  
Project Manager: Ashley Giovengo

**Reported:**  
10/23/2023 11:13:00AM

FS05 - 0'

E310117-05

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2342049 |
| Benzene   | ND     | 0.0250          | 1        | 10/18/23     | 10/19/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 10/18/23     | 10/19/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 10/18/23     | 10/19/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 10/18/23     | 10/19/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 10/18/23     | 10/19/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 10/18/23     | 10/19/23 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |              |          |                |
|   | 95.4 % | 70-130          |          | 10/18/23     | 10/19/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2342049 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 10/18/23     | 10/19/23 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |              |          |                |
|   | 91.2 % | 70-130          |          | 10/18/23     | 10/19/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2342053 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 10/18/23     | 10/19/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 10/18/23     | 10/19/23 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |              |          |                |
|   | 85.0 % | 50-200          |          | 10/18/23     | 10/19/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA  |          | Batch: 2342055 |
| Chloride  | 347    | 20.0            | 1        | 10/18/23     | 10/19/23 |                |



Sample Data

|                            |                  |                       |                                    |
|----------------------------|------------------|-----------------------|------------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>10/23/2023 11:13:00AM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                    |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                    |

FS06 - 0'

E310117-06

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 94.5 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 90.8 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 87.3 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 182    | 20.0            | 1            | 10/18/23 | 10/19/23       |       |



Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/23/2023 11:13:00AM |
|---|---|------------------------------------|

FS07 - 0'

E310117-07

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/18/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/18/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/18/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/18/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/18/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/18/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.7 % | 70-130          |              | 10/18/23 | 10/18/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/18/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.0 % | 70-130          |              | 10/18/23 | 10/18/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: n-Nonane                                   | 91.2 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 1210   | 20.0            | 1            | 10/18/23 | 10/19/23       |       |





Sample Data

|                            |                  |                       |                                    |
|----------------------------|------------------|-----------------------|------------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>10/23/2023 11:13:00AM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                    |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                    |

FS08 - 0'

E310117-08

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 95.8 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 89.7 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 90.3 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 74.3   | 20.0            | 1            | 10/18/23 | 10/19/23       |       |



## Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>10/23/2023 11:13:00AM |
|---|---|------------------------------------|

FS09 - 0'

E310117-09

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.3 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.1 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| Surrogate: n-Nonane                                   | 89.8 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 28.1   | 20.0            | 1            | 10/18/23 | 10/19/23       |       |



Sample Data

|                            |                  |                       |                                    |
|----------------------------|------------------|-----------------------|------------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>10/23/2023 11:13:00AM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                    |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                    |

FS10 - 0'

E310117-10

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 95.5 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 90.5 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 89.7 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 337    | 20.0            | 1            | 10/18/23 | 10/19/23       |       |



Sample Data

|                            |                  |                       |                                    |
|----------------------------|------------------|-----------------------|------------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>10/23/2023 11:13:00AM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                    |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                    |

FS11 - 0'

E310117-11

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 95.0 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 91.6 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 84.9 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 118    | 20.0            | 1            | 10/18/23 | 10/19/23       |       |



Sample Data

|                            |                  |                       |                                    |
|----------------------------|------------------|-----------------------|------------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>10/23/2023 11:13:00AM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                    |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                    |

FS12 - 0'

E310117-12

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Benzene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 10/18/23 | 10/19/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 96.7 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2342049 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 89.7 % | 70-130          |              | 10/18/23 | 10/19/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2342053 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 10/18/23 | 10/19/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 10/18/23 | 10/19/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 88.8 % | 50-200          |              | 10/18/23 | 10/19/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2342055 |       |
| Chloride  | 1500   | 20.0            | 1            | 10/18/23 | 10/19/23       |       |





QC Summary Data

|                            |                  |                       |                       |
|----------------------------|------------------|-----------------------|-----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:             |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                       |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/23/2023 11:13:00AM |

Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2342049-BLK1) Prepared: 10/18/23 Analyzed: 10/18/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.61 |        | 8.00 |  | 95.1 | 70-130 |  |  |  |

LCS (2342049-BS1) Prepared: 10/18/23 Analyzed: 10/18/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.61 | 0.0250 | 5.00 |  | 92.2 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.57 | 0.0250 | 5.00 |  | 91.4 | 70-130 |  |  |  |
| Toluene                             | 4.61 | 0.0250 | 5.00 |  | 92.2 | 70-130 |  |  |  |
| o-Xylene                            | 4.61 | 0.0250 | 5.00 |  | 92.1 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.31 | 0.0500 | 10.0 |  | 93.1 | 70-130 |  |  |  |
| Total Xylenes                       | 13.9 | 0.0250 | 15.0 |  | 92.8 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.47 |        | 8.00 |  | 93.4 | 70-130 |  |  |  |

Matrix Spike (2342049-MS1) Source: E310117-07 Prepared: 10/18/23 Analyzed: 10/18/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 4.49 | 0.0250 | 5.00 | ND | 89.8 | 54-133 |  |  |  |
| Ethylbenzene                        | 4.45 | 0.0250 | 5.00 | ND | 89.0 | 61-133 |  |  |  |
| Toluene                             | 4.50 | 0.0250 | 5.00 | ND | 89.9 | 61-130 |  |  |  |
| o-Xylene                            | 4.50 | 0.0250 | 5.00 | ND | 90.1 | 63-131 |  |  |  |
| p,m-Xylene                          | 9.08 | 0.0500 | 10.0 | ND | 90.8 | 63-131 |  |  |  |
| Total Xylenes                       | 13.6 | 0.0250 | 15.0 | ND | 90.5 | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.61 |        | 8.00 |    | 95.1 | 70-130 |  |  |  |

Matrix Spike Dup (2342049-MSD1) Source: E310117-07 Prepared: 10/18/23 Analyzed: 10/18/23

|                                     |      |        |      |    |      |        |      |    |  |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene                             | 4.63 | 0.0250 | 5.00 | ND | 92.5 | 54-133 | 2.91 | 20 |  |
| Ethylbenzene                        | 4.59 | 0.0250 | 5.00 | ND | 91.7 | 61-133 | 3.00 | 20 |  |
| Toluene                             | 4.63 | 0.0250 | 5.00 | ND | 92.6 | 61-130 | 2.86 | 20 |  |
| o-Xylene                            | 4.62 | 0.0250 | 5.00 | ND | 92.4 | 63-131 | 2.61 | 20 |  |
| p,m-Xylene                          | 9.36 | 0.0500 | 10.0 | ND | 93.6 | 63-131 | 3.05 | 20 |  |
| Total Xylenes                       | 14.0 | 0.0250 | 15.0 | ND | 93.2 | 63-131 | 2.90 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.54 |        | 8.00 |    | 94.3 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                       |
|----------------------------|------------------|-----------------------|-----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:             |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                       |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/23/2023 11:13:00AM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2342049-BLK1) Prepared: 10/18/23 Analyzed: 10/18/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.25 |      | 8.00 |  | 90.7 | 70-130 |  |  |  |

LCS (2342049-BS2) Prepared: 10/18/23 Analyzed: 10/18/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 50.9 | 20.0 | 50.0 |  | 102  | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.53 |      | 8.00 |  | 94.1 | 70-130 |  |  |  |

Matrix Spike (2342049-MS2) Source: E310117-07 Prepared: 10/18/23 Analyzed: 10/18/23

|   |      |      |      |    |      |        |  |  |  |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 50.3 | 20.0 | 50.0 | ND | 101  | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.47 |      | 8.00 |    | 93.4 | 70-130 |  |  |  |

Matrix Spike Dup (2342049-MSD2) Source: E310117-07 Prepared: 10/18/23 Analyzed: 10/18/23

|   |      |      |      |    |      |        |      |    |  |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 49.2 | 20.0 | 50.0 | ND | 98.4 | 70-130 | 2.21 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.42 |      | 8.00 |    | 92.8 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                       |
|----------------------------|------------------|-----------------------|-----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:             |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                       |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/23/2023 11:13:00AM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2342053-BLK1)            |      |      |      |  | Prepared: 10/18/23 Analyzed: 10/19/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 45.3 |      | 50.0 |  | 90.5                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2342053-BS1)               |      |      |      |  | Prepared: 10/18/23 Analyzed: 10/19/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 288  | 25.0 | 250  |  | 115                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 50.3 |      | 50.0 |  | 101                                   | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2342053-MS1)      |      |      |      |    | Source: E310115-03 |        | Prepared: 10/18/23 Analyzed: 10/19/23 |  |  |
| Diesel Range Organics (C10-C28) | 287  | 25.0 | 250  | ND | 115                | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 46.6 |      | 50.0 |    | 93.2               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2342053-MSD1) |      |      |      |    | Source: E310115-03 |        | Prepared: 10/18/23 Analyzed: 10/19/23 |    |  |
| Diesel Range Organics (C10-C28) | 270  | 25.0 | 250  | ND | 108                | 38-132 | 6.05                                  | 20 |  |
| Surrogate: n-Nonane             | 47.7 |      | 50.0 |    | 95.5               | 50-200 |                                       |    |  |



QC Summary Data

|                            |                  |                       |                       |
|----------------------------|------------------|-----------------------|-----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:             |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                       |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/23/2023 11:13:00AM |

Anions by EPA 300.0/9056A

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |     |      |     |    |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2342055-BLK1)            |     |      |     |    | Prepared: 10/18/23 Analyzed: 10/18/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |    |                                       |        |                                       |    |  |
| LCS (2342055-BS1)               |     |      |     |    | Prepared: 10/18/23 Analyzed: 10/18/23 |        |                                       |    |  |
| Chloride                        | 251 | 20.0 | 250 |    | 101                                   | 90-110 |                                       |    |  |
| Matrix Spike (2342055-MS1)      |     |      |     |    | Source: E310115-02                    |        | Prepared: 10/18/23 Analyzed: 10/18/23 |    |  |
| Chloride                        | 252 | 20.0 | 250 | ND | 101                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2342055-MSD1) |     |      |     |    | Source: E310115-02                    |        | Prepared: 10/18/23 Analyzed: 10/18/23 |    |  |
| Chloride                        | 253 | 20.0 | 250 | ND | 101                                   | 80-120 | 0.299                                 | 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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 10/23/23 11:13 |

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- 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

Page 1 of 2

|   |              |        |                   |           |                                   |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
|---|--------------|--------|-------------------|-----------|-----------------------------------|--|-------------------------|--------------|--------------------------|-------------|---|----------|---------|----------|--------------------|---------|----|----|
| Client: Kaiser-Francis Oil Company  |              |        |                   |           | <b>Bill To</b>                    |  | <b>Lab Use Only</b>     |              |                          |             | <b>TAT</b>  |          |         |          | <b>EPA Program</b> |         |    |    |
| Project: Bell Lake North Pad 1  |              |        |                   |           | Attention: Hutton Andrew          |  | Lab WO#                 |              | Job Number               |             | 1D  | 2D       | 3D      | Standard | CWA                | SDWA    |    |    |
| Project Manager: Ashley Giovengo  |              |        |                   |           | Address: 6733 Tale Ave            |  | E310117                 |              | 23078-0001               |             |   |          |         | x        |                    |         |    |    |
| Address: 3122 National Parks Hwy  |              |        |                   |           | City, State, Zip: Tulsa OK, 74136 |  | Analysis and Method     |              |                          |             |   |          |         |          | RCRA               |         |    |    |
| City, State, Zip: Carlsbad NM, 88220  |              |        |                   |           | Phone: 580-307-7363               |  | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260              | Metals 6010 | Chloride 300.0  | BGDOC NM | GDOC TX | State    |                    |         |    |    |
| Phone: 575-988-0055   |              |        |                   |           | Email: huttona@kfoc.net           |  |                         |              |                          |             |   |          |         | NM       | CO                 | UT      | AZ | TX |
| Email: agiovengo@ensolum.com  |              |        |                   |           |                                   |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| Report due by:  |              |        |                   |           |                                   |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                        |  |                         |              |                          |             |   |          |         |          |                    | Remarks |    |    |
| 9:35  | 10/16/2023   | Soil   | 1 Jar             | FS01 - 0' | 1                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:14   | 10/16/2023   | Soil   | 1 Jar             | FS02 - 0' | 2                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:16   | 10/16/2023   | Soil   | 1 Jar             | FS03 - 0' | 3                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:17   | 10/16/2023   | Soil   | 1 Jar             | FS04 - 0' | 4                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:22   | 10/16/2023   | Soil   | 1 Jar             | FS05 - 0' | 5                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:23   | 10/16/2023   | Soil   | 1 Jar             | FS06 - 0' | 6                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:25   | 10/16/2023   | Soil   | 1 Jar             | FS07 - 0' | 7                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:31   | 10/16/2023   | Soil   | 1 Jar             | FS08 - 0' | 8                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:32   | 10/16/2023   | Soil   | 1 Jar             | FS09 - 0' | 9                                 |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| 10:33   | 10/16/2023   | Soil   | 1 Jar             | FS10 - 0' | 10                                |  |                         |              |                          |             |   |          |         |          |                    |         |    |    |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, ehafth@ensolum.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.   |              |        |                   |           |                                   |  |                         |              |                          |             | 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]   |              |        |                   |           | 10/17/23                          |  | 9:35                    |              | [Signature]              |             |   |          |         | 10-17-23 |                    | 1157    |    |    |
| Relinquished by: (Signature)  |              |        |                   |           | Date                              |  | Time                    |              | Received by: (Signature) |             |   |          |         | Date     |                    | Time    |    |    |
| [Signature]   |              |        |                   |           | 10-17-23                          |  | 102                     |              | [Signature]              |             |   |          |         | 10-17-23 |                    | 1830    |    |    |
| Relinquished by: (Signature)  |              |        |                   |           | Date                              |  | Time                    |              | Received by: (Signature) |             |   |          |         | Date     |                    | Time    |    |    |
| [Signature]   |              |        |                   |           | 10-17-23                          |  | 2400                    |              | [Signature]              |             |   |          |         | 10-18-23 |                    | 8:15    |    |    |
| 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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Page 23 of 24

## Envirotech Analytical Laboratory

Printed: 10/18/2023 12:33:49PM

## 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:  | 10/18/23 08:15             | Work Order ID: | E310117      |
| Phone:  | (505) 382-1211             | Date Logged In: | 10/17/23 16:31             | Logged In By:  | Caitlin Mars |
| Email:  | agiovento@ensolum.com      | Due Date:       | 10/24/23 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - Collectors name? Yes

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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E311041

Job Number: 23078-0001

Received: 11/3/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/9/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.



Date Reported: 11/9/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E311041  
Date Received: 11/3/2023 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/3/2023 6:00:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| FS30-1'   | 5  |
| FS25-1'   | 6  |
| FS44-0.5'   | 7  |
| FS46-0.5'   | 8  |
| FS47-0.5'   | 9  |
| FS48-0'   | 10 |
| FS49-0'   | 11 |
| FS50-0'   | 12 |
| FS51-0'   | 13 |
| FS45-0.5'   | 14 |
| QC Summary Data                                     | 15 |
| QC - Volatile Organics by EPA 8021B                 | 15 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 16 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 17 |
| QC - Anions by EPA 300.0/9056A                      | 18 |
| Definitions and Notes                               | 19 |
| Chain of Custody etc.                               | 20 |



Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/09/23 14:12 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| FS30-1'          | E311041-01A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS25-1'          | E311041-02A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS44-0.5'        | E311041-03A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS46-0.5'        | E311041-04A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS47-0.5'        | E311041-05A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS48-0'          | E311041-06A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS49-0'          | E311041-07A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS50-0'          | E311041-08A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS51-0'          | E311041-09A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |
| FS45-0.5'        | E311041-10A   | Soil   | 11/02/23 | 11/03/23 | Glass Jar, 2 oz. |



## Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/9/2023 2:12:32PM |
|---|---|----------------------------------|

FS30-1'

E311041-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/04/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 99.8 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 89.9 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/04/23 | 11/04/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: n-Nonane                                   | 89.1 % | 50-200          |              | 11/04/23 | 11/04/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 570    | 20.0            | 1            | 11/07/23 | 11/07/23       |       |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/9/2023 2:12:32PM |
|---|---|----------------------------------|

FS25-1'

E311041-02

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/04/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.9 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.9 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/04/23 | 11/04/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: n-Nonane                                   | 87.7 % | 50-200          |              | 11/04/23 | 11/04/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 120    | 20.0            | 1            | 11/07/23 | 11/07/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/9/2023 2:12:32PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

FS44-0.5'

E311041-03

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/04/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.4 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.1 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/04/23 | 11/04/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: n-Nonane                                   | 86.9 % | 50-200          |              | 11/04/23 | 11/04/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 66.1   | 20.0            | 1            | 11/07/23 | 11/07/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/9/2023 2:12:32PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

FS46-0.5'

E311041-04

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/04/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.6 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.4 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/04/23 | 11/04/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: n-Nonane                                   | 84.3 % | 50-200          |              | 11/04/23 | 11/04/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 45.0   | 20.0            | 1            | 11/07/23 | 11/07/23       |       |





Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/9/2023 2:12:32PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

FS47-0.5'

E311041-05

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/04/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.9 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.0 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | 74.3   | 25.0            | 1            | 11/04/23 | 11/04/23       |       |
| Oil Range Organics (C28-C36)                          | 56.4   | 50.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: n-Nonane                                   | 88.3 % | 50-200          |              | 11/04/23 | 11/04/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 114    | 20.0            | 1            | 11/07/23 | 11/07/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/9/2023 2:12:32PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

FS48-0'

E311041-06

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/04/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.6 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.5 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/04/23 | 11/04/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: n-Nonane                                   | 83.0 % | 50-200          |              | 11/04/23 | 11/04/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 114    | 20.0            | 1            | 11/07/23 | 11/07/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/9/2023 2:12:32PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

FS49-0'

E311041-07

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/04/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.3 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.6 % | 70-130          |              | 11/04/23 | 11/04/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/04/23 | 11/04/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: n-Nonane                                   | 85.8 % | 50-200          |              | 11/04/23 | 11/04/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 371    | 20.0            | 1            | 11/07/23 | 11/07/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/9/2023 2:12:32PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

FS50-0'

E311041-08

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/05/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.5 % | 70-130          |              | 11/04/23 | 11/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/05/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.4 % | 70-130          |              | 11/04/23 | 11/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/04/23 | 11/04/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/04/23       |       |
| Surrogate: n-Nonane                                   | 87.5 % | 50-200          |              | 11/04/23 | 11/04/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | ND     | 20.0            | 1            | 11/07/23 | 11/07/23       |       |



Sample Data

|                            |                  |                       |   |
|----------------------------|------------------|-----------------------|---|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/9/2023 2:12:32PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |   |

FS51-0'

E311041-09

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/05/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/05/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.6 % | 70-130          |              | 11/04/23 | 11/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/05/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.2 % | 70-130          |              | 11/04/23 | 11/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/04/23 | 11/05/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/05/23       |       |
| Surrogate: n-Nonane                                   | 93.0 % | 50-200          |              | 11/04/23 | 11/05/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 30.1   | 20.0            | 1            | 11/07/23 | 11/07/23       |       |





## Sample Data

Kaiser Francis Oil Company  
1224 Standpipe Rd  
Carlsbad NM, 88220

Project Name: Bell Lake North Pad 1  
Project Number: 23078-0001  
Project Manager: Ashley Giovengo

**Reported:**  
11/9/2023 2:12:32PM

FS45-0.5'

E311041-10

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/04/23 | 11/07/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/04/23 | 11/07/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/04/23 | 11/07/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/04/23 | 11/07/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/04/23 | 11/07/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/04/23 | 11/07/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 95.6 % | 70-130          |              | 11/04/23 | 11/07/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2344106 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/04/23 | 11/07/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 93.1 % | 70-130          |              | 11/04/23 | 11/07/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2344112 |       |
| Diesel Range Organics (C10-C28)                       | 41.0   | 25.0            | 1            | 11/04/23 | 11/05/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/04/23 | 11/05/23       |       |
| <i>Surrogate: n-Nonane</i>                            | 90.5 % | 50-200          |              | 11/04/23 | 11/05/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345042 |       |
| Chloride  | 35.1   | 20.0            | 1            | 11/07/23 | 11/07/23       |       |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/9/2023 2:12:32PM |

Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2344106-BLK1) Prepared: 11/04/23 Analyzed: 11/04/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.91 |        | 8.00 |  | 98.9 | 70-130 |  |  |  |

LCS (2344106-BS1) Prepared: 11/04/23 Analyzed: 11/04/23

|                                     |      |        |      |  |     |        |  |  |  |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| Benzene                             | 5.40 | 0.0250 | 5.00 |  | 108 | 70-130 |  |  |  |
| Ethylbenzene                        | 5.32 | 0.0250 | 5.00 |  | 106 | 70-130 |  |  |  |
| Toluene                             | 5.39 | 0.0250 | 5.00 |  | 108 | 70-130 |  |  |  |
| o-Xylene                            | 5.35 | 0.0250 | 5.00 |  | 107 | 70-130 |  |  |  |
| p,m-Xylene                          | 10.8 | 0.0500 | 10.0 |  | 108 | 70-130 |  |  |  |
| Total Xylenes                       | 16.2 | 0.0250 | 15.0 |  | 108 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.13 |        | 8.00 |  | 102 | 70-130 |  |  |  |

Matrix Spike (2344106-MS1) Source: E311041-01 Prepared: 11/04/23 Analyzed: 11/04/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 5.24 | 0.0250 | 5.00 | ND | 105  | 54-133 |  |  |  |
| Ethylbenzene                        | 5.16 | 0.0250 | 5.00 | ND | 103  | 61-133 |  |  |  |
| Toluene                             | 5.21 | 0.0250 | 5.00 | ND | 104  | 61-130 |  |  |  |
| o-Xylene                            | 5.17 | 0.0250 | 5.00 | ND | 103  | 63-131 |  |  |  |
| p,m-Xylene                          | 10.5 | 0.0500 | 10.0 | ND | 105  | 63-131 |  |  |  |
| Total Xylenes                       | 15.7 | 0.0250 | 15.0 | ND | 105  | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.90 |        | 8.00 |    | 98.8 | 70-130 |  |  |  |

Matrix Spike Dup (2344106-MSD1) Source: E311041-01 Prepared: 11/04/23 Analyzed: 11/04/23

|                                     |      |        |      |    |      |        |      |    |  |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene                             | 5.38 | 0.0250 | 5.00 | ND | 108  | 54-133 | 2.60 | 20 |  |
| Ethylbenzene                        | 5.31 | 0.0250 | 5.00 | ND | 106  | 61-133 | 2.88 | 20 |  |
| Toluene                             | 5.34 | 0.0250 | 5.00 | ND | 107  | 61-130 | 2.44 | 20 |  |
| o-Xylene                            | 5.33 | 0.0250 | 5.00 | ND | 107  | 63-131 | 2.97 | 20 |  |
| p,m-Xylene                          | 10.8 | 0.0500 | 10.0 | ND | 108  | 63-131 | 2.85 | 20 |  |
| Total Xylenes                       | 16.1 | 0.0250 | 15.0 | ND | 108  | 63-131 | 2.89 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.80 |        | 8.00 |    | 97.5 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/9/2023 2:12:32PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|   |      |      |      |    |                                       |        |                                       |    |  |
|---|------|------|------|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2344106-BLK1)                    |      |      |      |    | Prepared: 11/04/23 Analyzed: 11/04/23 |        |                                       |    |  |
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |    |                                       |        |                                       |    |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.31 |      | 8.00 |    | 91.4                                  | 70-130 |                                       |    |  |
| LCS (2344106-BS2)                       |      |      |      |    | Prepared: 11/04/23 Analyzed: 11/04/23 |        |                                       |    |  |
| Gasoline Range Organics (C6-C10)        | 46.6 | 20.0 | 50.0 |    | 93.2                                  | 70-130 |                                       |    |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.28 |      | 8.00 |    | 91.0                                  | 70-130 |                                       |    |  |
| Matrix Spike (2344106-MS2)              |      |      |      |    | Source: E311041-01                    |        | Prepared: 11/04/23 Analyzed: 11/04/23 |    |  |
| Gasoline Range Organics (C6-C10)        | 48.9 | 20.0 | 50.0 | ND | 97.8                                  | 70-130 |                                       |    |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.40 |      | 8.00 |    | 92.5                                  | 70-130 |                                       |    |  |
| Matrix Spike Dup (2344106-MSD2)         |      |      |      |    | Source: E311041-01                    |        | Prepared: 11/04/23 Analyzed: 11/04/23 |    |  |
| Gasoline Range Organics (C6-C10)        | 49.1 | 20.0 | 50.0 | ND | 98.3                                  | 70-130 | 0.531                                 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.29 |      | 8.00 |    | 91.1                                  | 70-130 |                                       |    |  |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/9/2023 2:12:32PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2344112-BLK1)            |      |      |      |  | Prepared: 11/04/23 Analyzed: 11/06/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 43.1 |      | 50.0 |  | 86.3                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2344112-BS1)               |      |      |      |  | Prepared: 11/04/23 Analyzed: 11/04/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 227  | 25.0 | 250  |  | 90.8                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 44.4 |      | 50.0 |  | 88.8                                  | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2344112-MS1)      |      |      |      |    | Source: E311041-07 |        | Prepared: 11/04/23 Analyzed: 11/04/23 |  |  |
| Diesel Range Organics (C10-C28) | 242  | 25.0 | 250  | ND | 96.8               | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 46.5 |      | 50.0 |    | 93.0               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2344112-MSD1) |      |      |      |    | Source: E311041-07 |        | Prepared: 11/04/23 Analyzed: 11/04/23 |    |  |
| Diesel Range Organics (C10-C28) | 240  | 25.0 | 250  | ND | 96.2               | 38-132 | 0.673                                 | 20 |  |
| Surrogate: n-Nonane             | 44.3 |      | 50.0 |    | 88.6               | 50-200 |                                       |    |  |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/9/2023 2:12:32PM |

Anions by EPA 300.0/9056A

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |     |      |     |     |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|-----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2345042-BLK1)            |     |      |     |     | Prepared: 11/07/23 Analyzed: 11/07/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |     |                                       |        |                                       |    |  |
| LCS (2345042-BS1)               |     |      |     |     | Prepared: 11/07/23 Analyzed: 11/07/23 |        |                                       |    |  |
| Chloride                        | 246 | 20.0 | 250 |     | 98.5                                  | 90-110 |                                       |    |  |
| Matrix Spike (2345042-MS1)      |     |      |     |     | Source: E311051-06                    |        | Prepared: 11/07/23 Analyzed: 11/07/23 |    |  |
| Chloride                        | 525 | 20.0 | 250 | 275 | 100                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2345042-MSD1) |     |      |     |     | Source: E311051-06                    |        | Prepared: 11/07/23 Analyzed: 11/07/23 |    |  |
| Chloride                        | 521 | 20.0 | 250 | 275 | 98.7                                  | 80-120 | 0.759                                 | 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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/09/23 14:12 |

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



|                                      |              |        |                   |             |   |  |                         |              |             |             |                |    |     |          |          |         |             |    |    |
|--------------------------------------|--------------|--------|-------------------|-------------|---|--|-------------------------|--------------|-------------|-------------|----------------|----|-----|----------|----------|---------|-------------|----|----|
| Client: Kaiser-Francis Oil Company   |              |        |                   |             | <b>Bill To</b><br>Attention: Hutton Andrew<br>Address: 6733 Tale Ave<br>City, State, Zip: Tulsa OK, 74136<br>Phone: 580-307-7363<br>Email: huttona@kfoc.net |  | Lab Use Only            |              |             |             |                |    | TAT |          |          |         | EPA Program |    |    |
| Project: Bell Lake North Pad 1       |              |        |                   |             |   |  | Lab WO#                 |              | Job Number  |             | 1D             | 2D | 3D  | Standard | CWA      | SDWA    |             |    |    |
| Project Manager: Ashley Giovento     |              |        |                   |             |   |  | E311041                 |              | 23073-0001  |             |                |    |     | X        |          |         |             |    |    |
| Address: 3122 National Parks Hwy     |              |        |                   |             |   |  | Analysis and Method     |              |             |             |                |    |     |          |          |         | RCRA        |    |    |
| City, State, Zip: Carlsbad NM, 88220 |              |        |                   |             |   |  | TPH GRO/DRO/ORO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 |    |     |          | BGDOC NM | GDOC TX | State       |    |    |
| Phone: 575-988-0055                  |              |        |                   |             |   |  |                         |              |             |             |                |    |     |          | NM       | CO      | UT          | AZ | TX |
| Email: agiovento@ensolum.com         |              |        |                   |             |   |  |                         |              |             |             |                |    |     |          | x        |         |             |    |    |
| Report due by:                       |              |        |                   |             |   |  |                         |              |             |             |                |    |     |          | Remarks  |         |             |    |    |
| Time Sampled                         | Date Sampled | Matrix | No. of Containers | Sample ID   | Lab Number  |  |                         |              |             |             |                |    |     |          |          |         |             |    |    |
| 9:43                                 | 11/2/2023    | Soil   | 1                 | FS30 - 1'   | 1   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 13:09                                | 11/2/2023    | Soil   | 1                 | FS25 - 1'   | 2   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 12:16                                | 11/2/2023    | Soil   | 1                 | FS44 - 0.5' | 3   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 12:15                                | 11/2/2023    | Soil   | 1                 | FS46 - 0.5' | 4   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 13:25                                | 11/2/2023    | Soil   | 1                 | FS47 - 0.5' | 5   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 13:25                                | 11/2/2023    | Soil   | 1                 | FS48 - 0'   | 6   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 13:28                                | 11/2/2023    | Soil   | 1                 | FS49 - 0'   | 7   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 13:24                                | 11/2/2023    | Soil   | 1                 | FS50 - 0'   | 8   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 13:33                                | 11/2/2023    | Soil   | 1                 | FS51 - 0'   | 9   |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |
| 13:20                                | 11/2/2023    | Soil   | 1                 | FS45 - 0.5' | 10  |  |                         |              |             |             |                |    |     |          | X        |         |             |    |    |

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovento@ensolum.com, chamilton@ensolum.com, ehafth@ensolum.com

Kept on ice

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: Cole Burton and Ethan Haft

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 | Lab Use Only<br>Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N<br>T1 _____ T2 _____ T3 _____<br>AVG Temp °C <u>4</u> |
| <i>[Signature]</i>           | 11/3/23 | 0700 | <i>[Signature]</i>       | 11-3-23 | 1045 |   |
| Relinquished by: (Signature) | Date    | Time | Received by: (Signature) | Date    | Time |   |
| <i>Michelle Gonzalez</i>     | 11-3-23 | 1730 | <i>[Signature]</i>       | 11-3-23 | 1830 |   |
| Relinquished by: (Signature) | Date    | Time | Received by: (Signature) | Date    | Time |   |
| <i>Andrew McGee</i>          | 11-3-23 | 2400 | <i>[Signature]</i>       | 11/4/23 | 6:00 |   |

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: 11/6/2023 11:51:18AM

## 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:  | 11/03/23 06:00             | Work Order ID: | E311041        |
| Phone:  | (505) 382-1211             | Date Logged In: | 11/03/23 16:30             | Logged In By:  | Jordan Montano |
| Email:  | agiovento@ensolum.com      | Due Date:       | 11/09/23 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - 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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E311052

Job Number: 23078-0001

Received: 11/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/14/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.

Date Reported: 11/14/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E311052  
Date Received: 11/7/2023 8:25:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/7/2023 8:25:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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,

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## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| SW01-0-4'   | 5  |
| SW02- 0-4'  | 6  |
| FS40-1'   | 7  |
| FS38-2'   | 8  |
| FS39-2'   | 9  |
| FS36-2'   | 10 |
| FS37-2'   | 11 |
| FS31-2'   | 12 |
| FS35-2'   | 13 |
| FS32-2'   | 14 |
| QC Summary Data                                     | 15 |
| QC - Volatile Organics by EPA 8021B                 | 15 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 16 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 17 |
| QC - Anions by EPA 300.0/9056A                      | 18 |
| Definitions and Notes                               | 19 |
| Chain of Custody etc.                               | 20 |



Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/14/23 14:51 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| SW01-0-4'        | E311052-01A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| SW02- 0-4'       | E311052-02A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| FS40-1'          | E311052-03A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| FS38-2'          | E311052-04A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| FS39-2'          | E311052-05A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| FS36-2'          | E311052-06A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| FS37-2'          | E311052-07A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| FS31-2'          | E311052-08A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| FS35-2'          | E311052-09A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |
| FS32-2'          | E311052-10A   | Soil   | 11/03/23 | 11/07/23 | Glass Jar, 2 oz. |



## Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/14/2023 2:51:54PM |
|---|---|-----------------------------------|

SW01-0-4'

E311052-01

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2345054 |
| Benzene   | ND     | 0.0250          | 1        | 11/08/23     | 11/08/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 11/08/23     | 11/08/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 11/08/23     | 11/08/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 11/08/23     | 11/08/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 11/08/23     | 11/08/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 11/08/23     | 11/08/23 |                |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.1 % | 70-130          |          | 11/08/23     | 11/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2345054 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 11/08/23     | 11/08/23 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.3 % | 70-130          |          | 11/08/23     | 11/08/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2345114 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 11/10/23     | 11/11/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 11/10/23     | 11/11/23 |                |
| Surrogate: n-Nonane                                   | 76.1 % | 50-200          |          | 11/10/23     | 11/11/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA  |          | Batch: 2345115 |
| Chloride  | 221    | 20.0            | 1        | 11/10/23     | 11/13/23 |                |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/14/2023 2:51:54PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

SW02- 0-4'  
E311052-02

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.3 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.9 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| Surrogate: n-Nonane                                   | 83.6 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | 47.3   | 20.0            | 1            | 11/10/23 | 11/13/23       |       |



## Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/14/2023 2:51:54PM |
|---|---|-----------------------------------|

FS40-1'

E311052-03

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.5 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.0 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| Surrogate: n-Nonane                                   | 82.3 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | 235    | 20.0            | 1            | 11/10/23 | 11/13/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/14/2023 2:51:54PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS38-2'

E311052-04

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.2 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.9 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| Surrogate: n-Nonane                                   | 81.5 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | 61.4   | 20.0            | 1            | 11/10/23 | 11/13/23       |       |



Sample Data

|                            |                  |                       |                                   |
|----------------------------|------------------|-----------------------|-----------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>11/14/2023 2:51:54PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                   |

FS39-2'

E311052-05

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 95.0 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 91.2 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 81.1 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | ND     | 20.0            | 1            | 11/10/23 | 11/13/23       |       |





Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/14/2023 2:51:54PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS36-2'

E311052-06

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.2 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.3 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| Surrogate: n-Nonane                                   | 79.0 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | 134    | 20.0            | 1            | 11/10/23 | 11/13/23       |       |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/14/2023 2:51:54PM |
|---|---|-----------------------------------|

FS37-2'

E311052-07

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.3 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.3 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| Surrogate: n-Nonane                                   | 77.3 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | ND     | 20.0            | 1            | 11/10/23 | 11/13/23       |       |



## Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/14/2023 2:51:54PM |
|---|---|-----------------------------------|

FS31-2'

E311052-08

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.4 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.5 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| Surrogate: n-Nonane                                   | 83.9 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | 28.0   | 20.0            | 1            | 11/10/23 | 11/13/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/14/2023 2:51:54PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS35-2'

E311052-09

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.1 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.6 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| Surrogate: n-Nonane                                   | 80.6 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | 89.4   | 20.0            | 1            | 11/10/23 | 11/13/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/14/2023 2:51:54PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS32-2'

E311052-10

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/08/23 | 11/08/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.0 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2345054 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/08/23 | 11/08/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.8 % | 70-130          |              | 11/08/23 | 11/08/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2345114 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/10/23 | 11/11/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/10/23 | 11/11/23       |       |
| Surrogate: n-Nonane                                   | 83.1 % | 50-200          |              | 11/10/23 | 11/11/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2345115 |       |
| Chloride  | 47.2   | 20.0            | 1            | 11/10/23 | 11/13/23       |       |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/14/2023 2:51:54PM |

Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

Blank (2345054-BLK1) Prepared: 11/08/23 Analyzed: 11/08/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.60 |        | 8.00 |  | 95.0 | 70-130 |  |  |  |

LCS (2345054-BS1) Prepared: 11/08/23 Analyzed: 11/08/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.71 | 0.0250 | 5.00 |  | 94.2 | 70-130 |  |  |  |
| Ethylbenzene                        | 4.62 | 0.0250 | 5.00 |  | 92.4 | 70-130 |  |  |  |
| Toluene                             | 4.77 | 0.0250 | 5.00 |  | 95.4 | 70-130 |  |  |  |
| o-Xylene                            | 4.76 | 0.0250 | 5.00 |  | 95.1 | 70-130 |  |  |  |
| p,m-Xylene                          | 9.56 | 0.0500 | 10.0 |  | 95.6 | 70-130 |  |  |  |
| Total Xylenes                       | 14.3 | 0.0250 | 15.0 |  | 95.4 | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.67 |        | 8.00 |  | 95.9 | 70-130 |  |  |  |

Matrix Spike (2345054-MS1) Source: E311052-04 Prepared: 11/08/23 Analyzed: 11/08/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 4.89 | 0.0250 | 5.00 | ND | 97.7 | 54-133 |  |  |  |
| Ethylbenzene                        | 4.83 | 0.0250 | 5.00 | ND | 96.5 | 61-133 |  |  |  |
| Toluene                             | 4.98 | 0.0250 | 5.00 | ND | 99.5 | 61-130 |  |  |  |
| o-Xylene                            | 4.96 | 0.0250 | 5.00 | ND | 99.1 | 63-131 |  |  |  |
| p,m-Xylene                          | 9.99 | 0.0500 | 10.0 | ND | 99.9 | 63-131 |  |  |  |
| Total Xylenes                       | 14.9 | 0.0250 | 15.0 | ND | 99.6 | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.59 |        | 8.00 |    | 94.9 | 70-130 |  |  |  |

Matrix Spike Dup (2345054-MSD1) Source: E311052-04 Prepared: 11/08/23 Analyzed: 11/08/23

|                                     |      |        |      |    |      |        |      |    |  |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene                             | 4.67 | 0.0250 | 5.00 | ND | 93.4 | 54-133 | 4.52 | 20 |  |
| Ethylbenzene                        | 4.63 | 0.0250 | 5.00 | ND | 92.6 | 61-133 | 4.17 | 20 |  |
| Toluene                             | 4.77 | 0.0250 | 5.00 | ND | 95.3 | 61-130 | 4.29 | 20 |  |
| o-Xylene                            | 4.76 | 0.0250 | 5.00 | ND | 95.1 | 63-131 | 4.15 | 20 |  |
| p,m-Xylene                          | 9.58 | 0.0500 | 10.0 | ND | 95.8 | 63-131 | 4.11 | 20 |  |
| Total Xylenes                       | 14.3 | 0.0250 | 15.0 | ND | 95.6 | 63-131 | 4.12 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.58 |        | 8.00 |    | 94.8 | 70-130 |      |    |  |





QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/14/2023 2:51:54PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2345054-BLK1) Prepared: 11/08/23 Analyzed: 11/08/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.36 |      | 8.00 |  | 92.0 | 70-130 |  |  |  |

LCS (2345054-BS2) Prepared: 11/08/23 Analyzed: 11/08/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 45.7 | 20.0 | 50.0 |  | 91.4 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.39 |      | 8.00 |  | 92.4 | 70-130 |  |  |  |

Matrix Spike (2345054-MS2) Source: E311052-04 Prepared: 11/08/23 Analyzed: 11/08/23

|   |      |      |      |    |      |        |  |  |  |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 43.4 | 20.0 | 50.0 | ND | 86.8 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.40 |      | 8.00 |    | 92.5 | 70-130 |  |  |  |

Matrix Spike Dup (2345054-MSD2) Source: E311052-04 Prepared: 11/08/23 Analyzed: 11/08/23

|   |      |      |      |    |      |        |      |    |  |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 40.5 | 20.0 | 50.0 | ND | 81.0 | 70-130 | 6.94 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.35 |      | 8.00 |    | 91.9 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/14/2023 2:51:54PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2345114-BLK1)            |      |      |      |  | Prepared: 11/10/23 Analyzed: 11/11/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 42.3 |      | 50.0 |  | 84.6                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2345114-BS1)               |      |      |      |  | Prepared: 11/10/23 Analyzed: 11/11/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 237  | 25.0 | 250  |  | 94.8                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 45.5 |      | 50.0 |  | 90.9                                  | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2345114-MS1)      |      |      |      |    | Source: E311060-06 |        | Prepared: 11/10/23 Analyzed: 11/11/23 |  |  |
| Diesel Range Organics (C10-C28) | 221  | 25.0 | 250  | ND | 88.5               | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 42.6 |      | 50.0 |    | 85.2               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2345114-MSD1) |      |      |      |    | Source: E311060-06 |        | Prepared: 11/10/23 Analyzed: 11/11/23 |    |  |
| Diesel Range Organics (C10-C28) | 237  | 25.0 | 250  | ND | 94.9               | 38-132 | 7.02                                  | 20 |  |
| Surrogate: n-Nonane             | 39.6 |      | 50.0 |    | 79.2               | 50-200 |                                       |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/14/2023 2:51:54PM |

Anions by EPA 300.0/9056A

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |     |      |     |    |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2345115-BLK1)            |     |      |     |    | Prepared: 11/10/23 Analyzed: 11/13/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |    |                                       |        |                                       |    |  |
| LCS (2345115-BS1)               |     |      |     |    | Prepared: 11/10/23 Analyzed: 11/13/23 |        |                                       |    |  |
| Chloride                        | 254 | 20.0 | 250 |    | 102                                   | 90-110 |                                       |    |  |
| Matrix Spike (2345115-MS1)      |     |      |     |    | Source: E311052-07                    |        | Prepared: 11/10/23 Analyzed: 11/13/23 |    |  |
| Chloride                        | 263 | 20.0 | 250 | ND | 105                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2345115-MSD1) |     |      |     |    | Source: E311052-07                    |        | Prepared: 11/10/23 Analyzed: 11/13/23 |    |  |
| Chloride                        | 261 | 20.0 | 250 | ND | 104                                   | 80-120 | 0.808                                 | 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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/14/23 14:51 |

- ND      Analyte NOT DETECTED at or above the reporting limit
- NR      Not Reported
- RPD      Relative Percent Difference
- DNI      Did Not Ignite
- DNR      Did not react with the addition of acid or base.
- 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

Page 1 of 1

|   |              |        |                   |                          |                                   |      |  |  |            |  |   |  |     |    |    |          |             |         |  |
|---|--------------|--------|-------------------|--------------------------|-----------------------------------|------|--|--|------------|--|---|--|-----|----|----|----------|-------------|---------|--|
| Client: Kaiser-Francis Oil Company  |              |        |                   |                          | Bill To                           |      | Lab Use Only   |  |            |  |   |  | TAT |    |    |          | EPA Program |         |  |
| Project: Bell Lake North Pad 1  |              |        |                   |                          |                                   |      | Lab WO#  |  | Job Number |  |   |  | 1D  | 2D | 3D | Standard | CWA         | SDWA    |  |
| Project Manager: Ashley Giovengo  |              |        |                   |                          | Attention: Hutton Andrew          |      | E311052  |  | 23078-0001 |  |   |  |     |    |    | X        |             |         |  |
| Address: 3122 National Parks Hwy  |              |        |                   |                          | Address: 6733 Tale Ave            |      | Analysis and Method  |  |            |  |   |  |     |    |    |          |             | RCRA    |  |
| City, State, Zip: Carlsbad NM, 88220  |              |        |                   |                          | City, State, Zip: Tulsa OK, 74136 |      |  |  |            |  |   |  |     |    |    |          |             |         |  |
| Phone: 575-988-0055   |              |        |                   |                          | Phone: 580-307-7363               |      | TPH GRO/DRO/ORO by 8015<br>BTEX by 8021<br>VOC by 8260<br>Metals 6010<br>Chloride 300.0<br>BGDOC NM<br>GDOC TX |  |            |  |   |  |     |    |    |          |             | State   |  |
| Email: agiovengo@ensolum.com  |              |        |                   |                          | Email: huttona@kfoc.net           |      |  |  |            |  |   |  |     |    |    |          |             |         |  |
| Report due by:  |              |        |                   |                          |                                   |      | NM CO UT AZ TX<br>x  |  |            |  |   |  |     |    |    |          |             | Remarks |  |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID                | Lab Number                        |      |  |  |            |  |   |  |     |    |    |          |             |         |  |
| 9:11  | 11/3/2023    | Soil   | 1                 | SW01 - 0-4'              | 1                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 9:13  | 11/3/2023    | Soil   | 1                 | SW02 - 0-4'              | 2                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 9:33  | 11/3/2023    | Soil   | 1                 | FS40 - 1'                | 3                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 10:45   | 11/3/2023    | Soil   | 1                 | FS38 - 2'                | 4                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 10:47   | 11/3/2023    | Soil   | 1                 | FS39 - 2'                | 5                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 10:59   | 11/3/2023    | Soil   | 1                 | FS36 - 2'                | 6                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 10:57   | 11/3/2023    | Soil   | 1                 | FS37 - 2'                | 7                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 11:57   | 11/3/2023    | Soil   | 1                 | FS31 - 2'                | 8                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 11:55   | 11/3/2023    | Soil   | 1                 | FS35 - 2'                | 9                                 |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| 12:29   | 11/3/2023    | Soil   | 1                 | FS32 - 2'                | 10                                |      |  |  |            |  |   |  |     |    | X  |          |             |         |  |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, ehaft@ensolum.com - Samples kept on ice  |              |        |                   |                          |                                   |      |  |  |            |  |   |  |     |    |    |          |             |         |  |
| 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.   |              |        |                   |                          |                                   |      |  |  |            |  | 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. |  |     |    |    |          |             |         |  |
| Sampled by: Cole Burton and Ethan Haft  |              |        |                   |                          |                                   |      |  |  |            |  |   |  |     |    |    |          |             |         |  |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature) |                                   | Date | Time   | Lab Use Only<br>Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N<br>T1 T2 T3<br>AVG Temp °C 4 |            |  |   |  |     |    |    |          |             |         |  |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature) |                                   | Date | Time   |  |            |  |   |  |     |    |    |          |             |         |  |
| Relinquished by: (Signature)  |              | Date   | Time              | Received by: (Signature) |                                   | Date | Time   |  |            |  |   |  |     |    |    |          |             |         |  |
| 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 Analytical Laboratory

Printed: 11/7/2023 8:44:09AM

## 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:  | 11/07/23 08:25             | Work Order ID: | E311052        |
| Phone:  | (505) 382-1211             | Date Logged In: | 11/06/23 15:27             | Logged In By:  | Jordan Montano |
| Email:  | agiovento@ensolum.com      | Due Date:       | 11/14/23 17:00 (5 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? | Yes |
| 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 filtration 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:

Client Instruction

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

Date



envirotech Inc.



Report to:

Ashley Giovengo



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E311117

Job Number: 23078-0001

Received: 11/14/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/21/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.

Date Reported: 11/21/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E311117  
Date Received: 11/14/2023 8:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/14/2023 8:45:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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**  
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[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| FS27-4'   | 6  |
| FS28-3'   | 7  |
| FS33-2'   | 8  |
| FS34-2'   | 9  |
| FS42-0.5'   | 10 |
| FS47-0.5'   | 11 |
| SW03-0-2'   | 12 |
| SW04-0-2'   | 13 |
| QC Summary Data                                     | 14 |
| QC - Volatile Organics by EPA 8021B                 | 14 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 15 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 16 |
| QC - Anions by EPA 300.0/9056A                      | 17 |
| Definitions and Notes                               | 18 |
| Chain of Custody etc.                               | 19 |

Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/21/23 19:19 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| FS26-2'          | E311117-01A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |
| FS27-4'          | E311117-02A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |
| FS28-3'          | E311117-03A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |
| FS33-2'          | E311117-04A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |
| FS34-2'          | E311117-05A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |
| FS42-0.5'        | E311117-06A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |
| FS47-0.5'        | E311117-07A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |
| SW03-0-2'        | E311117-08A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |
| SW04-0-2'        | E311117-09A   | Soil   | 11/10/23 | 11/14/23 | Glass Jar, 2 oz. |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/21/2023 7:19:30PM |
|---|---|-----------------------------------|

FS26-2'

E311117-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/21/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.2 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.8 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 84.7 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 165    | 20.0            | 1            | 11/17/23 | 11/20/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/21/2023 7:19:30PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS27-4'

E311117-02

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/21/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.6 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.8 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 79.8 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 117    | 20.0            | 1            | 11/17/23 | 11/20/23       |       |





Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/21/2023 7:19:30PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS28-3'

E311117-03

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/21/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.5 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.9 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 82.8 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 59.6   | 20.0            | 1            | 11/17/23 | 11/20/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/21/2023 7:19:30PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS33-2'

E311117-04

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/20/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/20/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/20/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/20/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/20/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/20/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.4 % | 70-130          |              | 11/16/23 | 11/20/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/20/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.8 % | 70-130          |              | 11/16/23 | 11/20/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 83.6 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 97.3   | 20.0            | 1            | 11/17/23 | 11/20/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/21/2023 7:19:30PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS34-2'

E311117-05

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/21/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.4 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.0 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 83.0 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 124    | 20.0            | 1            | 11/17/23 | 11/20/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/21/2023 7:19:30PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS42-0.5'

E311117-06

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/21/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.6 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 93.2 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 88.7 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 121    | 20.0            | 1            | 11/17/23 | 11/20/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/21/2023 7:19:30PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS47-0.5'

E311117-07

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/21/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.3 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.1 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 84.6 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 146    | 20.0            | 1            | 11/17/23 | 11/20/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/21/2023 7:19:30PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

SW03-0-2'  
E311117-08

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/21/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.3 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.8 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 86.7 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 41.8   | 20.0            | 1            | 11/17/23 | 11/20/23       |       |





Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>11/21/2023 7:19:30PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

SW04-0-2'  
E311117-09

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/16/23 | 11/21/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.7 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2346099 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/16/23 | 11/21/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 92.7 % | 70-130          |              | 11/16/23 | 11/21/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2346127 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/17/23 | 11/18/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/17/23 | 11/18/23       |       |
| Surrogate: n-Nonane                                   | 87.5 % | 50-200          |              | 11/17/23 | 11/18/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2346109 |       |
| Chloride  | 185    | 20.0            | 1            | 11/17/23 | 11/20/23       |       |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/21/2023 7:19:30PM |

Volatile Organics by EPA 8021B

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 (2346099-BLK1) Prepared: 11/16/23 Analyzed: 11/20/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.79 |        | 8.00 |  | 97.3 | 70-130 |  |  |  |

LCS (2346099-BS1) Prepared: 11/16/23 Analyzed: 11/20/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 4.85 | 0.0250 | 5.00 |  | 97.0 | 70-130 |  |  |  |
| Ethylbenzene                        | 5.09 | 0.0250 | 5.00 |  | 102  | 70-130 |  |  |  |
| Toluene                             | 5.04 | 0.0250 | 5.00 |  | 101  | 70-130 |  |  |  |
| o-Xylene                            | 5.12 | 0.0250 | 5.00 |  | 102  | 70-130 |  |  |  |
| p,m-Xylene                          | 10.4 | 0.0500 | 10.0 |  | 104  | 70-130 |  |  |  |
| Total Xylenes                       | 15.5 | 0.0250 | 15.0 |  | 103  | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.87 |        | 8.00 |  | 98.4 | 70-130 |  |  |  |

Matrix Spike (2346099-MS1) Source: E311117-04 Prepared: 11/16/23 Analyzed: 11/20/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 4.54 | 0.0250 | 5.00 | ND | 90.8 | 54-133 |  |  |  |
| Ethylbenzene                        | 4.75 | 0.0250 | 5.00 | ND | 95.1 | 61-133 |  |  |  |
| Toluene                             | 4.73 | 0.0250 | 5.00 | ND | 94.5 | 61-130 |  |  |  |
| o-Xylene                            | 4.79 | 0.0250 | 5.00 | ND | 95.8 | 63-131 |  |  |  |
| p,m-Xylene                          | 9.70 | 0.0500 | 10.0 | ND | 97.0 | 63-131 |  |  |  |
| Total Xylenes                       | 14.5 | 0.0250 | 15.0 | ND | 96.6 | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.58 |        | 8.00 |    | 94.8 | 70-130 |  |  |  |

Matrix Spike Dup (2346099-MSD1) Source: E311117-04 Prepared: 11/16/23 Analyzed: 11/20/23

|                                     |      |        |      |    |      |        |      |    |  |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene                             | 4.82 | 0.0250 | 5.00 | ND | 96.3 | 54-133 | 5.96 | 20 |  |
| Ethylbenzene                        | 5.07 | 0.0250 | 5.00 | ND | 101  | 61-133 | 6.44 | 20 |  |
| Toluene                             | 5.02 | 0.0250 | 5.00 | ND | 100  | 61-130 | 6.00 | 20 |  |
| o-Xylene                            | 5.09 | 0.0250 | 5.00 | ND | 102  | 63-131 | 6.11 | 20 |  |
| p,m-Xylene                          | 10.3 | 0.0500 | 10.0 | ND | 103  | 63-131 | 6.17 | 20 |  |
| Total Xylenes                       | 15.4 | 0.0250 | 15.0 | ND | 103  | 63-131 | 6.15 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.75 |        | 8.00 |    | 96.9 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/21/2023 7:19:30PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2346099-BLK1) Prepared: 11/16/23 Analyzed: 11/20/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.27 |      | 8.00 |  | 90.8 | 70-130 |  |  |  |

LCS (2346099-BS2) Prepared: 11/16/23 Analyzed: 11/20/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 46.9 | 20.0 | 50.0 |  | 93.9 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.45 |      | 8.00 |  | 93.2 | 70-130 |  |  |  |

Matrix Spike (2346099-MS2) Source: E311117-04 Prepared: 11/16/23 Analyzed: 11/20/23

|   |      |      |      |    |      |        |  |  |  |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 45.8 | 20.0 | 50.0 | ND | 91.7 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.53 |      | 8.00 |    | 94.2 | 70-130 |  |  |  |

Matrix Spike Dup (2346099-MSD2) Source: E311117-04 Prepared: 11/16/23 Analyzed: 11/21/23

|   |      |      |      |    |      |        |      |    |  |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 46.6 | 20.0 | 50.0 | ND | 93.2 | 70-130 | 1.65 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.41 |      | 8.00 |    | 92.7 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/21/2023 7:19:30PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2346127-BLK1)            |      |      |      |  | Prepared: 11/17/23 Analyzed: 11/18/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 47.5 |      | 50.0 |  | 95.0                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2346127-BS1)               |      |      |      |  | Prepared: 11/17/23 Analyzed: 11/18/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 224  | 25.0 | 250  |  | 89.6                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 46.0 |      | 50.0 |  | 92.1                                  | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2346127-MS1)      |      |      |      |    | Source: E311117-04 |        | Prepared: 11/17/23 Analyzed: 11/18/23 |  |  |
| Diesel Range Organics (C10-C28) | 241  | 25.0 | 250  | ND | 96.3               | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 48.4 |      | 50.0 |    | 96.9               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2346127-MSD1) |      |      |      |    | Source: E311117-04 |        | Prepared: 11/17/23 Analyzed: 11/18/23 |    |  |
| Diesel Range Organics (C10-C28) | 228  | 25.0 | 250  | ND | 91.2               | 38-132 | 5.42                                  | 20 |  |
| Surrogate: n-Nonane             | 47.9 |      | 50.0 |    | 95.8               | 50-200 |                                       |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/21/2023 7:19:30PM |

Anions by EPA 300.0/9056A

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |     |      |     |      |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|------|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2346109-BLK1)            |     |      |     |      | Prepared: 11/17/23 Analyzed: 11/20/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |      |                                       |        |                                       |    |  |
| LCS (2346109-BS1)               |     |      |     |      | Prepared: 11/17/23 Analyzed: 11/20/23 |        |                                       |    |  |
| Chloride                        | 250 | 20.0 | 250 |      | 99.9                                  | 90-110 |                                       |    |  |
| Matrix Spike (2346109-MS1)      |     |      |     |      | Source: E311117-03                    |        | Prepared: 11/17/23 Analyzed: 11/20/23 |    |  |
| Chloride                        | 312 | 20.0 | 250 | 59.6 | 101                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2346109-MSD1) |     |      |     |      | Source: E311117-03                    |        | Prepared: 11/17/23 Analyzed: 11/20/23 |    |  |
| Chloride                        | 339 | 20.0 | 250 | 59.6 | 112                                   | 80-120 | 8.32                                  | 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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/21/23 19:19 |

- ND            Analyte NOT DETECTED at or above the reporting limit
- NR            Not Reported
- RPD          Relative Percent Difference
- DNI          Did Not Ignite
- DNR          Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





|   |              |          |                   |             |   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
|---|--------------|----------|-------------------|-------------|---|--------------------------|---------------------|----------|-----------------------|------|-------------|---|----------------|----------|----------|------|-------------|--|----------------|--|--|
| Client: Kaiser-Francis Oil Company  |              |          |                   |             | <b>Bill To</b><br>Attention: Hutton Andrew<br>Address: 6733 Tale Ave<br>City, State, Zip: Tulsa OK, 74136<br>Phone: 580-307-7363<br>Email: huttona@kfoc.net |                          | Lab Use Only        |          |                       |      |             |   | TAT            |          |          |      | EPA Program |  |                |  |  |
| Project: Bell Lake North Pad 1  |              |          |                   |             |   |                          | Lab WO# E31117      |          | Job Number 23078-0001 |      | 1D          | 2D  | 3D             | Standard | CWA      | SDWA |             |  |                |  |  |
| Project Manager: Ashley Giovengo  |              |          |                   |             |   |                          | Analysis and Method |          |                       |      |             |   |                |          |          |      | RCRA        |  |                |  |  |
| Address: 3122 National Parks Hwy  |              |          |                   |             |   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| City, State, Zip: Carlsbad NM, 88220  |              |          |                   |             |   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| Phone: 575-988-0055   |              |          |                   |             | TPH GRO/DRO/ORO by 8015   |                          | BTEX by 8021        |          | VOC by 8260           |      | Metals 6010 |   | Chloride 300.0 |          | BGDOC NM |      | GDOC TX     |  | State          |  |  |
| Email: agiovengo@ensolum.com  |              |          |                   |             |   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  | NM CO UT AZ TX |  |  |
| Report due by:  |              |          |                   |             |   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  | x              |  |  |
| Time Sampled  | Date Sampled | Matrix   | No. of Containers | Sample ID   | Lab Number  | Remarks                  |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 10:01   | 11/10/2023   | Soil     | 1 Jar             | FS26 - 2'   | 1   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 9:10  | 11/10/2023   | Soil     | 1 Jar             | FS27 - 4'   | 2   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 9:14  | 11/10/2023   | Soil     | 1 Jar             | FS28 - 3'   | 3   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 11:00   | 11/10/2023   | Soil     | 1 Jar             | FS33 - 2'   | 4   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 9:22  | 11/10/2023   | Soil     | 1 Jar             | FS34 - 2'   | 5   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 10:47   | 11/10/2023   | Soil     | 1 Jar             | FS42 - 0.5' | 6   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 11:29   | 11/10/2023   | Soil     | 1 Jar             | FS47 - 0.5' | 7   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 10:26   | 11/10/2023   | Soil     | 1 Jar             | SW03 - 0-2' | 8   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| 10:33   | 11/10/2023   | Soil     | 1 Jar             | SW04 - 0-2' | 9   |                          |                     |          |                       |      |             |   |                |          |          |      |             |  |                |  |  |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, ehafth@ensolum.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.   |              |          |                   |             |   |                          |                     |          |                       |      |             | 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 |             | Lab Use Only  |                |          |          |      |             |  |                |  |  |
| <i>[Signature]</i>  |              | 11/13/23 |                   | 13:21       |   | <i>[Signature]</i>       |                     | 11-13-23 |                       | 1321 |             | Received on ice: 0 / N  |                |          |          |      |             |  |                |  |  |
| Relinquished by: (Signature)  |              | Date     |                   | Time        |   | Received by: (Signature) |                     | Date     |                       | Time |             | T1 T2 T3  |                |          |          |      |             |  |                |  |  |
| <i>[Signature]</i>  |              | 11-13-23 |                   | 1715        |   | <i>[Signature]</i>       |                     | 11-13-23 |                       | 1830 |             |   |                |          |          |      |             |  |                |  |  |
| Relinquished by: (Signature)  |              | Date     |                   | Time        |   | Received by: (Signature) |                     | Date     |                       | Time |             | AVG Temp °C   |                |          |          |      |             |  |                |  |  |
| <i>[Signature]</i>  |              | 11-13-23 |                   | 2400        |   | <i>[Signature]</i>       |                     | 11/14/23 |                       | 8:45 |             | 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 Analytical Laboratory

Printed: 11/14/2023 8:50:54AM

## 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:  | 11/14/23 08:45             | Work Order ID: | E311117        |
| Phone:  | (505) 382-1211             | Date Logged In: | 11/14/23 08:45             | Logged In By:  | Jordan Montano |
| Email:  | agiovengo@ensolum.com      | Due Date:       | 11/20/23 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Samples did not have sampler name.

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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - 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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E311190

Job Number: 23078-0001

Received: 11/22/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/30/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.



Date Reported: 11/30/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E311190  
Date Received: 11/22/2023 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/22/2023 7:30:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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**Alexa Michaels**  
Sample Custody Officer  
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**Southern New Mexico Area**

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| FS43-0'   | 5  |
| FS41-0'   | 6  |
| QC Summary Data                                     | 7  |
| QC - Volatile Organic Compounds by EPA 8260B        | 7  |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 8  |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 9  |
| QC - Anions by EPA 300.0/9056A                      | 10 |
| Definitions and Notes                               | 11 |
| Chain of Custody etc.                               | 12 |

Sample Summary

|                            |                  |                       |                                 |
|----------------------------|------------------|-----------------------|---------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br><br>11/30/23 15:37 |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                 |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| FS43-0'          | E311190-01A   | Soil   | 11/20/23 | 11/22/23 | Glass Jar, 2 oz. |
| FS41-0'          | E311190-02A   | Soil   | 11/20/23 | 11/22/23 | Glass Jar, 2 oz. |





Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/30/2023 3:37:20PM |
|---|---|-----------------------------------|

FS43-0'

E311190-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
|   |        |                 |              |          |                |       |
| <b>Volatile Organic Compounds by EPA 8260B</b>        | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2347085 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/22/23 | 11/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/22/23 | 11/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/22/23 | 11/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/22/23 | 11/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/22/23 | 11/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/22/23 | 11/29/23       |       |
|   |        |                 |              |          |                |       |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130       | 11/22/23 | 11/29/23       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 91.8 %          | 70-130       | 11/22/23 | 11/29/23       |       |
| Surrogate: Toluene-d8                                 |        | 91.6 %          | 70-130       | 11/22/23 | 11/29/23       |       |
|   |        |                 |              |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2347085 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/22/23 | 11/29/23       |       |
| Surrogate: Bromofluorobenzene                         |        | 107 %           | 70-130       | 11/22/23 | 11/29/23       |       |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 91.8 %          | 70-130       | 11/22/23 | 11/29/23       |       |
| Surrogate: Toluene-d8                                 |        | 91.6 %          | 70-130       | 11/22/23 | 11/29/23       |       |
|   |        |                 |              |          |                |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: JL  |          | Batch: 2348043 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/28/23 | 11/28/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/28/23 | 11/28/23       |       |
| Surrogate: n-Nonane                                   |        | 96.8 %          | 50-200       | 11/28/23 | 11/28/23       |       |
|   |        |                 |              |          |                |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2348061 |       |
| Chloride  | 138    | 20.0            | 1            | 11/29/23 | 11/29/23       |       |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>11/30/2023 3:37:20PM |
|---|---|-----------------------------------|

FS41-0'

E311190-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2347085 |
| Benzene   | ND     | 0.0250          | 1        | 11/22/23     | 11/29/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 11/22/23     | 11/29/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 11/22/23     | 11/29/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 11/22/23     | 11/29/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 11/22/23     | 11/29/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 11/22/23     | 11/29/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 11/22/23     | 11/29/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.8 %          | 70-130   | 11/22/23     | 11/29/23 |                |
| Surrogate: Toluene-d8                                 |        | 123 %           | 70-130   | 11/22/23     | 11/29/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2347085 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 11/22/23     | 11/29/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 113 %           | 70-130   | 11/22/23     | 11/29/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 95.8 %          | 70-130   | 11/22/23     | 11/29/23 |                |
| Surrogate: Toluene-d8                                 |        | 123 %           | 70-130   | 11/22/23     | 11/29/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: JL  |          | Batch: 2348043 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 11/28/23     | 11/28/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 11/28/23     | 11/28/23 |                |
| Surrogate: n-Nonane                                   |        | 97.9 %          | 50-200   | 11/28/23     | 11/28/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: BA  |          | Batch: 2348061 |
| Chloride  | 135    | 20.0            | 1        | 11/29/23     | 11/29/23 |                |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/30/2023 3:37:20PM |

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

Blank (2347085-BLK1) Prepared: 11/22/23 Analyzed: 11/29/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.480 |        | 0.500 |  | 96.0 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.467 |        | 0.500 |  | 93.3 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.508 |        | 0.500 |  | 102  | 70-130 |  |  |  |

LCS (2347085-BS1) Prepared: 11/22/23 Analyzed: 11/29/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.83  | 0.0250 | 2.50  |  | 113  | 70-130 |  |  |  |
| Ethylbenzene                     | 2.62  | 0.0250 | 2.50  |  | 105  | 70-130 |  |  |  |
| Toluene                          | 2.30  | 0.0250 | 2.50  |  | 91.8 | 70-130 |  |  |  |
| o-Xylene                         | 3.24  | 0.0250 | 2.50  |  | 129  | 70-130 |  |  |  |
| p,m-Xylene                       | 5.13  | 0.0500 | 5.00  |  | 103  | 70-130 |  |  |  |
| Total Xylenes                    | 8.36  | 0.0250 | 7.50  |  | 112  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.648 |        | 0.500 |  | 130  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.462 |        | 0.500 |  | 92.4 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.454 |        | 0.500 |  | 90.7 | 70-130 |  |  |  |

Matrix Spike (2347085-MS1) Source: E311177-03 Prepared: 11/22/23 Analyzed: 11/30/23

|                                  |       |        |       |    |      |        |  |  |  |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene                          | 2.23  | 0.0250 | 2.50  | ND | 89.4 | 48-131 |  |  |  |
| Ethylbenzene                     | 2.21  | 0.0250 | 2.50  | ND | 88.4 | 45-135 |  |  |  |
| Toluene                          | 2.09  | 0.0250 | 2.50  | ND | 83.8 | 48-130 |  |  |  |
| o-Xylene                         | 2.60  | 0.0250 | 2.50  | ND | 104  | 43-135 |  |  |  |
| p,m-Xylene                       | 5.50  | 0.0500 | 5.00  | ND | 110  | 43-135 |  |  |  |
| Total Xylenes                    | 8.10  | 0.0250 | 7.50  | ND | 108  | 43-135 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.489 |        | 0.500 |    | 97.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.439 |        | 0.500 |    | 87.8 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.404 |        | 0.500 |    | 80.8 | 70-130 |  |  |  |

Matrix Spike Dup (2347085-MSD1) Source: E311177-03 Prepared: 11/22/23 Analyzed: 11/29/23

|                                  |       |        |       |    |      |        |      |    |  |
|----------------------------------|-------|--------|-------|----|------|--------|------|----|--|
| Benzene                          | 2.80  | 0.0250 | 2.50  | ND | 112  | 48-131 | 22.5 | 23 |  |
| Ethylbenzene                     | 2.51  | 0.0250 | 2.50  | ND | 100  | 45-135 | 12.7 | 27 |  |
| Toluene                          | 2.42  | 0.0250 | 2.50  | ND | 96.7 | 48-130 | 14.3 | 24 |  |
| o-Xylene                         | 2.39  | 0.0250 | 2.50  | ND | 95.4 | 43-135 | 8.62 | 27 |  |
| p,m-Xylene                       | 4.70  | 0.0500 | 5.00  | ND | 94.0 | 43-135 | 15.6 | 27 |  |
| Total Xylenes                    | 7.09  | 0.0250 | 7.50  | ND | 94.5 | 43-135 | 13.3 | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.471 |        | 0.500 |    | 94.1 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.490 |        | 0.500 |    | 97.9 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.459 |        | 0.500 |    | 91.7 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/30/2023 3:37:20PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2347085-BLK1) Prepared: 11/22/23 Analyzed: 11/29/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.480 |      | 0.500 |  | 96.0 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.467 |      | 0.500 |  | 93.3 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.508 |      | 0.500 |  | 102  | 70-130 |  |  |  |

LCS (2347085-BS2) Prepared: 11/22/23 Analyzed: 11/30/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 54.7  | 20.0 | 50.0  |  | 109  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.603 |      | 0.500 |  | 121  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.472 |      | 0.500 |  | 94.4 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.464 |      | 0.500 |  | 92.8 | 70-130 |  |  |  |

Matrix Spike (2347085-MS2) Source: E311177-03 Prepared: 11/22/23 Analyzed: 11/30/23

|                                  |       |      |       |    |      |        |  |  |  |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 42.3  | 20.0 | 50.0  | ND | 84.6 | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.509 |      | 0.500 |    | 102  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.413 |      | 0.500 |    | 82.5 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.481 |      | 0.500 |    | 96.1 | 70-130 |  |  |  |

Matrix Spike Dup (2347085-MSD2) Source: E311177-03 Prepared: 11/22/23 Analyzed: 11/29/23

|                                  |       |      |       |    |      |        |      |    |  |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 45.4  | 20.0 | 50.0  | ND | 90.7 | 70-130 | 7.01 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.479 |      | 0.500 |    | 95.7 | 70-130 |      |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.473 |      | 0.500 |    | 94.6 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.461 |      | 0.500 |    | 92.1 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/30/2023 3:37:20PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2348043-BLK1)            |      |      |      |  | Prepared: 11/28/23 Analyzed: 11/28/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 50.2 |      | 50.0 |  | 100                                   | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2348043-BS1)               |      |      |      |  | Prepared: 11/28/23 Analyzed: 11/28/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 275  | 25.0 | 250  |  | 110                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 54.8 |      | 50.0 |  | 110                                   | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2348043-MS1)      |      |      |      |    | Source: E311209-05 |        | Prepared: 11/28/23 Analyzed: 11/28/23 |  |  |
| Diesel Range Organics (C10-C28) | 264  | 25.0 | 250  | ND | 106                | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 50.1 |      | 50.0 |    | 100                | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2348043-MSD1) |      |      |      |    | Source: E311209-05 |        | Prepared: 11/28/23 Analyzed: 11/28/23 |    |  |
| Diesel Range Organics (C10-C28) | 258  | 25.0 | 250  | ND | 103                | 38-132 | 2.29                                  | 20 |  |
| Surrogate: n-Nonane             | 50.3 |      | 50.0 |    | 101                | 50-200 |                                       |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/30/2023 3:37:20PM |

Anions by EPA 300.0/9056A

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |     |      |     |      |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|------|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2348061-BLK1)            |     |      |     |      | Prepared: 11/29/23 Analyzed: 11/29/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |      |                                       |        |                                       |    |  |
| LCS (2348061-BS1)               |     |      |     |      | Prepared: 11/29/23 Analyzed: 11/29/23 |        |                                       |    |  |
| Chloride                        | 251 | 20.0 | 250 |      | 100                                   | 90-110 |                                       |    |  |
| Matrix Spike (2348061-MS1)      |     |      |     |      | Source: E311178-02                    |        | Prepared: 11/29/23 Analyzed: 11/29/23 |    |  |
| Chloride                        | 307 | 20.0 | 250 | 49.7 | 103                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2348061-MSD1) |     |      |     |      | Source: E311178-02                    |        | Prepared: 11/29/23 Analyzed: 11/29/23 |    |  |
| Chloride                        | 305 | 20.0 | 250 | 49.7 | 102                                   | 80-120 | 0.752                                 | 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


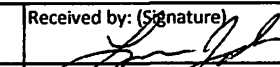
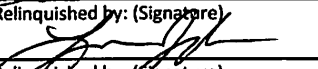
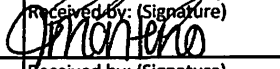
|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 11/30/23 15:37 |

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|---|--------------|--------|-------------------|-----------|------------------------------------|------|---|--|--|--|-------------|-------------|-------------|-----------------------|----------|---------|-------|----------|-------------|---------|----|------|--|--|
| Client: Kaiser-Francis Oil Company  |              |        |                   |           | Bill To                            |      |   |  |  | Lab Use Only   |             |             |             |                       | TAT      |         |       |          | EPA Program |         |    |      |  |  |
| Project: Bell Lake North Pad 1  |              |        |                   |           | Attention: Hutton Andrew           |      |   |  |  | Lab WO#  |             | Job Number  |             |                       | 1D       | 2D      | 3D    | Standard | CWA         | SDWA    |    |      |  |  |
| Project Manager: Ashley Giovengo  |              |        |                   |           | Address: 6733 S Yale Ave           |      |   |  |  | E31190   |             | 23078-0001  |             |                       |          |         |       | X        |             |         |    |      |  |  |
| Address: 3122 National Parks Hwy  |              |        |                   |           | City, State, Zip: Tulsa, OK, 74136 |      |   |  |  | Analysis and Method  |             |             |             |                       |          |         |       |          |             |         |    | RCRA |  |  |
| City, State, Zip: Carlsbad NM, 88220  |              |        |                   |           | Phone: (580) 307-7363              |      |   |  |  | TPH GRO/DRO/ORO by 8015  | BTX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0        | BGDOC NM | GDOC TX | State |          |             |         |    |      |  |  |
| Phone: 575-988-0055   |              |        |                   |           | Email: Huttona@kfoc.net            |      |   |  |  |  |             |             |             |                       |          |         | NM    | CO       | UT          | AZ      | TX |      |  |  |
| Email: agiovengo@ensolum.com  |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
| Report due by:  |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             | Remarks |    |      |  |  |
| Time Sampled  | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                         |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
| 1009  | 11/20/23     | S      | 1                 | FS43-0'   | 1                                  |      |   |  |  |  |             |             |             |                       |          |         | X     |          |             |         |    |      |  |  |
| 1013  | 11/20/23     | S      | 1                 | FS41-0'   | 2                                  |      |   |  |  |  |             |             |             |                       |          |         | X     |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           |                                    |      |   |  |  |  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, Huttona@kfoc.net, ehafft@ensolum.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: Chad Hamilton  |             |             |             |                       |          |         |       |          |             |         |    |      |  |  |
| Relinquished by: (Signature)  |              |        |                   |           | Date                               | Time | Received by: (Signature)  |  |  |  |             | Date        | Time        | Lab Use Only          |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           | 11/21/23                           | 1045 |  |  |  |  |             | 11-21-23    | 1045        | Received on ice: 0/ N |          |         |       |          |             |         |    |      |  |  |
| Relinquished by: (Signature)  |              |        |                   |           | Date                               | Time | Received by: (Signature)  |  |  |  |             | Date        | Time        | T1 T2 T3              |          |         |       |          |             |         |    |      |  |  |
|   |              |        |                   |           | 11-2-23                            | 1740 |  |  |  |  |             | 11/22/23    | 7:30        |                       |          |         |       |          |             |         |    |      |  |  |
| Relinquished by: (Signature)  |              |        |                   |           | Date                               | Time | Received by: (Signature)  |  |  |  |             | Date        | Time        | 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 Analytical Laboratory

Printed: 11/22/2023 8:25:20AM

## 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:  | 11/22/23 07:30             | Work Order ID: | E311190        |
| Phone:  | (505) 382-1211             | Date Logged In: | 11/21/23 15:11             | Logged In By:  | Jordan Montano |
| Email:  | agiovento@ensolum.com      | Due Date:       | 11/30/23 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - 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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E311198

Job Number: 23078-0001

Received: 11/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/1/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.

Date Reported: 12/1/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E311198  
Date Received: 11/27/2023 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/27/2023 7:30:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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  
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## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| FS 19-1.5'  | 5  |
| QC Summary Data                                     | 6  |
| QC - Volatile Organics by EPA 8021B                 | 6  |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 7  |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 8  |
| QC - Anions by EPA 300.0/9056A                      | 9  |
| Definitions and Notes                               | 10 |
| Chain of Custody etc.                               | 11 |



Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/01/23 11:15 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| FS 19-1.5'       | E311198-01A   | Soil   | 11/21/23 | 11/27/23 | Glass Jar, 2 oz. |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/1/2023 11:15:48AM |
|---|---|-----------------------------------|

FS 19-1.5'

E311198-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2348022 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/27/23 | 11/29/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/27/23 | 11/29/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/27/23 | 11/29/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/27/23 | 11/29/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/27/23 | 11/29/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/27/23 | 11/29/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 91.4 % | 70-130          |              | 11/27/23 | 11/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RAS |          | Batch: 2348022 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/27/23 | 11/29/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 95.4 % | 70-130          |              | 11/27/23 | 11/29/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2348064 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 11/29/23 | 11/29/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 11/29/23 | 11/29/23       |       |
| Surrogate: n-Nonane                                   | 77.4 % | 50-200          |              | 11/29/23 | 11/29/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2348079 |       |
| Chloride  | 326    | 20.0            | 1            | 11/30/23 | 11/30/23       |       |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/1/2023 11:15:48AM |

Volatile Organics by EPA 8021B

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 (2348022-BLK1) Prepared: 11/27/23 Analyzed: 11/27/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.40 |        | 8.00 |  | 92.5 | 70-130 |  |  |  |

LCS (2348022-BS1) Prepared: 11/27/23 Analyzed: 11/27/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 5.56 | 0.0250 | 5.00 |  | 111  | 70-130 |  |  |  |
| Ethylbenzene                        | 5.47 | 0.0250 | 5.00 |  | 109  | 70-130 |  |  |  |
| Toluene                             | 5.53 | 0.0250 | 5.00 |  | 111  | 70-130 |  |  |  |
| o-Xylene                            | 5.46 | 0.0250 | 5.00 |  | 109  | 70-130 |  |  |  |
| p,m-Xylene                          | 11.1 | 0.0500 | 10.0 |  | 111  | 70-130 |  |  |  |
| Total Xylenes                       | 16.6 | 0.0250 | 15.0 |  | 111  | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.43 |        | 8.00 |  | 92.8 | 70-130 |  |  |  |

Matrix Spike (2348022-MS1) Source: E311192-01 Prepared: 11/27/23 Analyzed: 11/27/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 5.04 | 0.0250 | 5.00 | ND | 101  | 54-133 |  |  |  |
| Ethylbenzene                        | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 61-133 |  |  |  |
| Toluene                             | 5.02 | 0.0250 | 5.00 | ND | 100  | 61-130 |  |  |  |
| o-Xylene                            | 4.94 | 0.0250 | 5.00 | ND | 98.9 | 63-131 |  |  |  |
| p,m-Xylene                          | 10.1 | 0.0500 | 10.0 | ND | 101  | 63-131 |  |  |  |
| Total Xylenes                       | 15.1 | 0.0250 | 15.0 | ND | 100  | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.42 |        | 8.00 |    | 92.7 | 70-130 |  |  |  |

Matrix Spike Dup (2348022-MSD1) Source: E311192-01 Prepared: 11/27/23 Analyzed: 11/27/23

|                                     |      |        |      |    |      |        |       |    |  |
|-------------------------------------|------|--------|------|----|------|--------|-------|----|--|
| Benzene                             | 5.07 | 0.0250 | 5.00 | ND | 101  | 54-133 | 0.572 | 20 |  |
| Ethylbenzene                        | 5.01 | 0.0250 | 5.00 | ND | 100  | 61-133 | 0.943 | 20 |  |
| Toluene                             | 5.05 | 0.0250 | 5.00 | ND | 101  | 61-130 | 0.629 | 20 |  |
| o-Xylene                            | 4.99 | 0.0250 | 5.00 | ND | 99.7 | 63-131 | 0.838 | 20 |  |
| p,m-Xylene                          | 10.2 | 0.0500 | 10.0 | ND | 102  | 63-131 | 0.929 | 20 |  |
| Total Xylenes                       | 15.2 | 0.0250 | 15.0 | ND | 101  | 63-131 | 0.899 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.48 |        | 8.00 |    | 93.4 | 70-130 |       |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/1/2023 11:15:48AM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2348022-BLK1) Prepared: 11/27/23 Analyzed: 11/27/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.86 |      | 8.00 |  | 98.3 | 70-130 |  |  |  |

LCS (2348022-BS2) Prepared: 11/27/23 Analyzed: 11/27/23

|   |      |      |      |  |     |        |  |  |  |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 56.9 | 20.0 | 50.0 |  | 114 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.07 |      | 8.00 |  | 101 | 70-130 |  |  |  |

Matrix Spike (2348022-MS2) Source: E311192-01 Prepared: 11/27/23 Analyzed: 11/27/23

|   |      |      |      |    |     |        |  |  |  |
|---|------|------|------|----|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 55.1 | 20.0 | 50.0 | ND | 110 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.24 |      | 8.00 |    | 103 | 70-130 |  |  |  |

Matrix Spike Dup (2348022-MSD2) Source: E311192-01 Prepared: 11/27/23 Analyzed: 11/27/23

|   |      |      |      |    |      |        |        |    |  |
|---|------|------|------|----|------|--------|--------|----|--|
| Gasoline Range Organics (C6-C10)        | 55.1 | 20.0 | 50.0 | ND | 110  | 70-130 | 0.0655 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.90 |      | 8.00 |    | 98.7 | 70-130 |        |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/1/2023 11:15:48AM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2348064-BLK1)            |      |      |      |  | Prepared: 11/29/23 Analyzed: 11/29/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 40.9 |      | 50.0 |  | 81.8                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2348064-BS1)               |      |      |      |  | Prepared: 11/29/23 Analyzed: 11/29/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 215  | 25.0 | 250  |  | 86.1                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 41.3 |      | 50.0 |  | 82.7                                  | 50-200 |  |  |  |

|                                 |      |     |      |     |                    |        |                                       |  |  |
|---------------------------------|------|-----|------|-----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2348064-MS1)      |      |     |      |     | Source: E311134-06 |        | Prepared: 11/29/23 Analyzed: 11/29/23 |  |  |
| Diesel Range Organics (C10-C28) | 991  | 125 | 250  | 823 | 67.2               | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 42.4 |     | 50.0 |     | 84.7               | 50-200 |                                       |  |  |

|                                 |      |     |      |     |                    |        |                                       |    |  |
|---------------------------------|------|-----|------|-----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2348064-MSD1) |      |     |      |     | Source: E311134-06 |        | Prepared: 11/29/23 Analyzed: 11/29/23 |    |  |
| Diesel Range Organics (C10-C28) | 1040 | 125 | 250  | 823 | 87.9               | 38-132 | 5.10                                  | 20 |  |
| Surrogate: n-Nonane             | 44.8 |     | 50.0 |     | 89.6               | 50-200 |                                       |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/1/2023 11:15:48AM |

Anions by EPA 300.0/9056A

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |     |      |     |    |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2348079-BLK1)            |     |      |     |    | Prepared: 11/30/23 Analyzed: 11/30/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |    |                                       |        |                                       |    |  |
| LCS (2348079-BS1)               |     |      |     |    | Prepared: 11/30/23 Analyzed: 11/30/23 |        |                                       |    |  |
| Chloride                        | 250 | 20.0 | 250 |    | 100                                   | 90-110 |                                       |    |  |
| Matrix Spike (2348079-MS1)      |     |      |     |    | Source: E311220-22                    |        | Prepared: 11/30/23 Analyzed: 11/30/23 |    |  |
| Chloride                        | 253 | 20.0 | 250 | ND | 101                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2348079-MSD1) |     |      |     |    | Source: E311220-22                    |        | Prepared: 11/30/23 Analyzed: 11/30/23 |    |  |
| Chloride                        | 257 | 20.0 | 250 | ND | 103                                   | 80-120 | 1.39                                  | 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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/01/23 11:15 |

- ND      Analyte NOT DETECTED at or above the reporting limit
- NR      Not Reported
- RPD      Relative Percent Difference
- DNI      Did Not Ignite
- DNR      Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Page 11 of 12

## Envirotech Analytical Laboratory

Printed: 11/27/2023 11:19:53AM

## 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:  | 11/27/23 07:30             | Work Order ID: | E311198        |
| Phone:  | (505) 382-1211             | Date Logged In: | 11/27/23 11:15             | Logged In By:  | Jordan Montano |
| Email:  | agiovento@ensolum.com      | Due Date:       | 12/01/23 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - 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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E311237

Job Number: 23078-0001

Received: 12/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/4/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.

Date Reported: 12/4/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E311237  
Date Received: 12/1/2023 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/1/2023 7:30:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

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**Michelle Golzaes**  
Client Representative  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| FS47-0.5'   | 5  |
| FS24-5'   | 6  |
| QC Summary Data                                     | 7  |
| QC - Volatile Organics by EPA 8021B                 | 7  |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 8  |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 9  |
| QC - Anions by EPA 300.0/9056A                      | 10 |
| Definitions and Notes                               | 11 |
| Chain of Custody etc.                               | 12 |



Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/04/23 14:19 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| FS47-0.5'        | E311237-01A   | Soil   | 11/29/23 | 12/01/23 | Glass Jar, 2 oz. |
| FS24-5'          | E311237-02A   | Soil   | 11/29/23 | 12/01/23 | Glass Jar, 2 oz. |



Sample Data

|   |   |                                  |
|---|---|----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/4/2023 2:19:52PM |
|---|---|----------------------------------|

FS47-0.5'

E311237-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2348088 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/30/23 | 12/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 94.5 % | 70-130          |              | 11/30/23 | 12/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2348088 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/30/23 | 12/01/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 96.5 % | 70-130          |              | 11/30/23 | 12/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2348098 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/01/23 | 12/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/01/23 | 12/01/23       |       |
| Surrogate: n-Nonane                                   | 88.8 % | 50-200          |              | 12/01/23 | 12/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2348103 |       |
| Chloride  | 28.0   | 20.0            | 1            | 12/01/23 | 12/01/23       |       |



## Sample Data

Kaiser Francis Oil Company  
1224 Standpipe Rd  
Carlsbad NM, 88220

Project Name: Bell Lake North Pad 1  
Project Number: 23078-0001  
Project Manager: Ashley Giovengo

**Reported:**  
12/4/2023 2:19:52PM

FS24-5'

E311237-02

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2348088 |       |
| Benzene   | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 11/30/23 | 12/01/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 11/30/23 | 12/01/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            | 94.1 % | 70-130          |              | 11/30/23 | 12/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2348088 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 11/30/23 | 12/01/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        | 95.9 % | 70-130          |              | 11/30/23 | 12/01/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2348098 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/01/23 | 12/01/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/01/23 | 12/01/23       |       |
| <i>Surrogate: n-Nonane</i>                            | 90.2 % | 50-200          |              | 12/01/23 | 12/01/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: BA  |          | Batch: 2348103 |       |
| Chloride  | 441    | 20.0            | 1            | 12/01/23 | 12/01/23       |       |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/4/2023 2:19:52PM |

Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

Blank (2348088-BLK1) Prepared: 11/30/23 Analyzed: 12/01/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.66 |        | 8.00 |  | 95.7 | 70-130 |  |  |  |

LCS (2348088-BS1) Prepared: 11/30/23 Analyzed: 12/01/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 5.12 | 0.0250 | 5.00 |  | 102  | 70-130 |  |  |  |
| Ethylbenzene                        | 5.05 | 0.0250 | 5.00 |  | 101  | 70-130 |  |  |  |
| Toluene                             | 5.09 | 0.0250 | 5.00 |  | 102  | 70-130 |  |  |  |
| o-Xylene                            | 5.04 | 0.0250 | 5.00 |  | 101  | 70-130 |  |  |  |
| p,m-Xylene                          | 10.3 | 0.0500 | 10.0 |  | 103  | 70-130 |  |  |  |
| Total Xylenes                       | 15.3 | 0.0250 | 15.0 |  | 102  | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.62 |        | 8.00 |  | 95.2 | 70-130 |  |  |  |

Matrix Spike (2348088-MS1) Source: E311231-06 Prepared: 11/30/23 Analyzed: 12/01/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 4.95 | 0.0250 | 5.00 | ND | 99.0 | 54-133 |  |  |  |
| Ethylbenzene                        | 4.90 | 0.0250 | 5.00 | ND | 98.0 | 61-133 |  |  |  |
| Toluene                             | 4.94 | 0.0250 | 5.00 | ND | 98.8 | 61-130 |  |  |  |
| o-Xylene                            | 4.91 | 0.0250 | 5.00 | ND | 98.1 | 63-131 |  |  |  |
| p,m-Xylene                          | 9.99 | 0.0500 | 10.0 | ND | 99.9 | 63-131 |  |  |  |
| Total Xylenes                       | 14.9 | 0.0250 | 15.0 | ND | 99.3 | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 8.01 |        | 8.00 |    | 100  | 70-130 |  |  |  |

Matrix Spike Dup (2348088-MSD1) Source: E311231-06 Prepared: 11/30/23 Analyzed: 12/01/23

|                                     |      |        |      |    |      |        |      |    |  |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene                             | 5.38 | 0.0250 | 5.00 | ND | 108  | 54-133 | 8.35 | 20 |  |
| Ethylbenzene                        | 5.31 | 0.0250 | 5.00 | ND | 106  | 61-133 | 8.11 | 20 |  |
| Toluene                             | 5.36 | 0.0250 | 5.00 | ND | 107  | 61-130 | 8.13 | 20 |  |
| o-Xylene                            | 5.33 | 0.0250 | 5.00 | ND | 107  | 63-131 | 8.27 | 20 |  |
| p,m-Xylene                          | 10.8 | 0.0500 | 10.0 | ND | 108  | 63-131 | 7.97 | 20 |  |
| Total Xylenes                       | 16.2 | 0.0250 | 15.0 | ND | 108  | 63-131 | 8.07 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.89 |        | 8.00 |    | 98.7 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/4/2023 2:19:52PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2348088-BLK1) Prepared: 11/30/23 Analyzed: 12/01/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |      |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.56 |      | 8.00 |  | 94.5 | 70-130 |  |  |  |

LCS (2348088-BS2) Prepared: 11/30/23 Analyzed: 12/01/23

|   |      |      |      |  |      |        |  |  |  |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 49.1 | 20.0 | 50.0 |  | 98.3 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.69 |      | 8.00 |  | 96.1 | 70-130 |  |  |  |

Matrix Spike (2348088-MS2) Source: E311231-06 Prepared: 11/30/23 Analyzed: 12/01/23

|   |      |      |      |    |      |        |  |  |  |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10)        | 46.7 | 20.0 | 50.0 | ND | 93.5 | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.56 |      | 8.00 |    | 94.5 | 70-130 |  |  |  |

Matrix Spike Dup (2348088-MSD2) Source: E311231-06 Prepared: 11/30/23 Analyzed: 12/01/23

|   |      |      |      |    |      |        |      |    |  |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10)        | 49.1 | 20.0 | 50.0 | ND | 98.2 | 70-130 | 4.93 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.58 |      | 8.00 |    | 94.8 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/4/2023 2:19:52PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2348098-BLK1)            |      |      |      |  | Prepared: 12/01/23 Analyzed: 12/01/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 46.5 |      | 50.0 |  | 93.1                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2348098-BS1)               |      |      |      |  | Prepared: 12/01/23 Analyzed: 12/01/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 277  | 25.0 | 250  |  | 111                                   | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 53.2 |      | 50.0 |  | 106                                   | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2348098-MS1)      |      |      |      |    | Source: E311240-03 |        | Prepared: 12/01/23 Analyzed: 12/01/23 |  |  |
| Diesel Range Organics (C10-C28) | 260  | 25.0 | 250  | ND | 104                | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 49.1 |      | 50.0 |    | 98.2               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2348098-MSD1) |      |      |      |    | Source: E311240-03 |        | Prepared: 12/01/23 Analyzed: 12/01/23 |    |  |
| Diesel Range Organics (C10-C28) | 258  | 25.0 | 250  | ND | 103                | 38-132 | 1.13                                  | 20 |  |
| Surrogate: n-Nonane             | 48.4 |      | 50.0 |    | 96.7               | 50-200 |                                       |    |  |





QC Summary Data

|                            |                  |                       |                     |
|----------------------------|------------------|-----------------------|---------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:           |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                     |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/4/2023 2:19:52PM |

Anions by EPA 300.0/9056A

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |     |      |     |     |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|-----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2348103-BLK1)            |     |      |     |     | Prepared: 12/01/23 Analyzed: 12/01/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |     |                                       |        |                                       |    |  |
| LCS (2348103-BS1)               |     |      |     |     | Prepared: 12/01/23 Analyzed: 12/01/23 |        |                                       |    |  |
| Chloride                        | 244 | 20.0 | 250 |     | 97.7                                  | 90-110 |                                       |    |  |
| Matrix Spike (2348103-MS1)      |     |      |     |     | Source: E311222-01                    |        | Prepared: 12/01/23 Analyzed: 12/01/23 |    |  |
| Chloride                        | 527 | 200  | 250 | 271 | 102                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2348103-MSD1) |     |      |     |     | Source: E311222-01                    |        | Prepared: 12/01/23 Analyzed: 12/01/23 |    |  |
| Chloride                        | 488 | 200  | 250 | 271 | 86.7                                  | 80-120 | 7.71                                  | 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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/04/23 14:19 |

- ND      Analyte NOT DETECTED at or above the reporting limit
  - NR      Not Reported
  - RPD      Relative Percent Difference
  - DNI      Did Not Ignite
  - DNR      Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

[illegible]

**Additional Instructions:** Please CC: [cburton@ensolum.com](mailto:cburton@ensolum.com), [agiovento@ensolum.com](mailto:agiovento@ensolum.com), [chamilton@ensolum.com](mailto:chamilton@ensolum.com), [Huttona@kfoc.net](mailto:Huttona@kfoc.net), [ehaft@ensolum.com](mailto:ehaft@ensolum.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: Chad Hamilton

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)<br><i>[Signature]</i>                             | Date<br>11/30/23   | Time<br>1030 | Received by: (Signature)<br><i>[Signature]</i> | Date<br>11-30-2023   | Time<br>1030 | Lab Use Only<br>Received on Ice: <input checked="" type="radio"/> Y <input type="radio"/> N |
| Relinquished by: (Signature)<br><i>[Signature]</i>                             | Date<br>11-30-2023 | Time<br>1730 | Received by: (Signature)<br><i>[Signature]</i> | Date<br>11-30-23   | Time<br>1800 | T1 _____ T2 _____ T3 _____  |
| Relinquished by: (Signature)<br><i>[Signature]</i>                             | Date<br>11-30-23   | Time<br>2400 | Received by: (Signature)<br><i>[Signature]</i> | Date<br>12/01/23   | Time<br>7:30 | AVG Temp °C <u>4</u>  |
| 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 Analytical Laboratory

Printed: 12/1/2023 8:37:43AM

## 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:  | 12/01/23 07:30             | Work Order ID: | E311237        |
| Phone:  | (505) 382-1211             | Date Logged In: | 11/30/23 14:11             | Logged In By:  | Jordan Montano |
| Email:  | agiovento@ensolum.com      | Due Date:       | 12/01/23 17:00 (0 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - Collectors name? Yes

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 filtration 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



# envirotech

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## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E312021

Job Number: 23078-0001

Received: 12/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/11/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
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Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 12/11/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E312021  
Date Received: 12/5/2023 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/5/2023 7:30:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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,

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## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| SW05- 0-5'  | 5  |
| SW06- 0-5'  | 6  |
| SW07- 0-5'  | 7  |
| SW08- 0-3'  | 8  |
| SW09- 0-5'  | 9  |
| SW10- 0-5'  | 10 |
| FS13- 3'  | 11 |
| FS14- 5'  | 12 |
| FS15- 5'  | 13 |
| FS16- 3'  | 14 |
| FS17- 3'  | 15 |
| FS18- 2.5'  | 16 |
| FS29- 3.5'  | 17 |
| QC Summary Data                                     | 18 |
| QC - Volatile Organics by EPA 8021B                 | 18 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 19 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 20 |
| QC - Anions by EPA 300.0/9056A                      | 21 |
| Definitions and Notes                               | 22 |
| Chain of Custody etc.                               | 23 |

## Sample Summary

|   |   |                             |
|---|---|-----------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/23 14:05 |
|---|---|-----------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| SW05- 0-5'       | E312021-01A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| SW06- 0-5'       | E312021-02A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| SW07- 0-5'       | E312021-03A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| SW08- 0-3'       | E312021-04A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| SW09- 0-5'       | E312021-05A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| SW10- 0-5'       | E312021-06A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS13- 3'         | E312021-07A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS14- 5'         | E312021-08A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS15- 5'         | E312021-09A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS16- 3'         | E312021-10A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS17- 3'         | E312021-11A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS18- 2.5'       | E312021-12A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS29- 3.5'       | E312021-13A   | Soil   | 12/01/23 | 12/05/23 | Glass Jar, 2 oz. |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 2:05:56PM |
|---|---|-----------------------------------|

SW05- 0-5'

E312021-01

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/05/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.1 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 89.6 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 88.1 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 61.1   | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



## Sample Data

Kaiser Francis Oil Company  
1224 Standpipe Rd  
Carlsbad NM, 88220

Project Name: Bell Lake North Pad 1  
Project Number: 23078-0001  
Project Manager: Ashley Giovengo

**Reported:**  
12/11/2023 2:05:56PM

SW06- 0-5'

E312021-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349033 |
| Benzene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 12/05/23     | 12/05/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |          |              |          |                |
|   | 96.0 % | 70-130          |          | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349033 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 12/05/23     | 12/05/23 |                |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |          |              |          |                |
|   | 88.9 % | 70-130          |          | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2349091 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 12/08/23     | 12/08/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 12/08/23     | 12/08/23 |                |
| <i>Surrogate: n-Nonane</i>                            |        |                 |          |              |          |                |
|   | 88.1 % | 50-200          |          | 12/08/23     | 12/08/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2349081 |
| Chloride  | 2700   | 20.0            | 1        | 12/07/23     | 12/08/23 |                |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 2:05:56PM |
|---|---|-----------------------------------|

SW07- 0-5'  
E312021-03

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/05/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 96.1 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 89.7 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 87.9 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 1710   | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



## Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 2:05:56PM |
|---|---|-----------------------------------|

SW08- 0-3'

E312021-04

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/05/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.2 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 89.4 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 88.4 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 2730   | 20.0            | 1            | 12/07/23 | 12/08/23       |       |





## Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 2:05:56PM |
|---|---|-----------------------------------|

SW09- 0-5'

E312021-05

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/05/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.3 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.5 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 90.9 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 1200   | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 2:05:56PM |
|---|---|-----------------------------------|

SW10- 0-5'  
E312021-06

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/05/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.4 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 88.0 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | 43.3   | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 89.6 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 1600   | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>12/11/2023 2:05:56PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS13- 3'

E312021-07

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/05/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 95.5 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/05/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.6 % | 70-130          |              | 12/05/23 | 12/05/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 87.2 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 126    | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>12/11/2023 2:05:56PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS14- 5'

E312021-08

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/06/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        | 94.3 %          | 70-130       | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/06/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        | 89.3 %          | 70-130       | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        | 88.4 %          | 50-200       | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | ND     | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



Sample Data

|                            |                  |                       |  |
|----------------------------|------------------|-----------------------|--|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | <b>Reported:</b><br>12/11/2023 2:05:56PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |  |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |  |

FS15- 5'  
E312021-09

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/06/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 92.8 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/06/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 90.4 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 90.9 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 392    | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



Sample Data

|                            |                  |                       |                                   |
|----------------------------|------------------|-----------------------|-----------------------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:<br>12/11/2023 2:05:56PM |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                                   |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       |                                   |

FS16- 3'

E312021-10

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/06/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i>            |        |                 |              |          |                |       |
|   | 93.0 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/06/23       |       |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>        |        |                 |              |          |                |       |
|   | 91.9 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| <i>Surrogate: n-Nonane</i>                            |        |                 |              |          |                |       |
|   | 90.6 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |              |          |                |       |
|   | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | ND     | 20.0            | 1            | 12/07/23 | 12/08/23       |       |





Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 2:05:56PM |
|---|---|-----------------------------------|

FS17- 3'

E312021-11

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/06/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 92.3 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/06/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.9 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 88.3 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 111    | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 2:05:56PM |
|---|---|-----------------------------------|

FS18- 2.5'

E312021-12

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/06/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 91.9 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/06/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 94.0 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 90.4 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 185    | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



Sample Data

|   |   |                                   |
|---|---|-----------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 2:05:56PM |
|---|---|-----------------------------------|

FS29- 3.5'

E312021-13

| Analyte   | Result | Reporting Limit | Dilution     | Prepared | Analyzed       | Notes |
|---|--------|-----------------|--------------|----------|----------------|-------|
| <b>Volatile Organics by EPA 8021B</b>                 | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Benzene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Ethylbenzene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Toluene   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| o-Xylene  | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| p,m-Xylene  | ND     | 0.0500          | 1            | 12/05/23 | 12/06/23       |       |
| Total Xylenes   | ND     | 0.0250          | 1            | 12/05/23 | 12/06/23       |       |
| Surrogate: 4-Bromochlorobenzene-PID                   | 92.5 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     | mg/kg  | mg/kg           | Analyst: RKS |          | Batch: 2349033 |       |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1            | 12/05/23 | 12/06/23       |       |
| Surrogate: 1-Chloro-4-fluorobenzene-FID               | 91.4 % | 70-130          |              | 12/05/23 | 12/06/23       |       |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> | mg/kg  | mg/kg           | Analyst: KM  |          | Batch: 2349091 |       |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1            | 12/08/23 | 12/08/23       |       |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1            | 12/08/23 | 12/08/23       |       |
| Surrogate: n-Nonane                                   | 88.4 % | 50-200          |              | 12/08/23 | 12/08/23       |       |
| <b>Anions by EPA 300.0/9056A</b>                      | mg/kg  | mg/kg           | Analyst: DT  |          | Batch: 2349081 |       |
| Chloride  | 582    | 20.0            | 1            | 12/07/23 | 12/08/23       |       |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/2023 2:05:56PM |

Volatile Organics by EPA 8021B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

Blank (2349033-BLK1) Prepared: 12/05/23 Analyzed: 12/05/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.72 |        | 8.00 |  | 96.5 | 70-130 |  |  |  |

LCS (2349033-BS1) Prepared: 12/05/23 Analyzed: 12/05/23

|                                     |      |        |      |  |      |        |  |  |  |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene                             | 5.44 | 0.0250 | 5.00 |  | 109  | 70-130 |  |  |  |
| Ethylbenzene                        | 5.40 | 0.0250 | 5.00 |  | 108  | 70-130 |  |  |  |
| Toluene                             | 5.45 | 0.0250 | 5.00 |  | 109  | 70-130 |  |  |  |
| o-Xylene                            | 5.40 | 0.0250 | 5.00 |  | 108  | 70-130 |  |  |  |
| p,m-Xylene                          | 11.0 | 0.0500 | 10.0 |  | 110  | 70-130 |  |  |  |
| Total Xylenes                       | 16.4 | 0.0250 | 15.0 |  | 109  | 70-130 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.93 |        | 8.00 |  | 99.1 | 70-130 |  |  |  |

Matrix Spike (2349033-MS1) Source: E312021-06 Prepared: 12/05/23 Analyzed: 12/05/23

|                                     |      |        |      |    |      |        |  |  |  |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene                             | 5.31 | 0.0250 | 5.00 | ND | 106  | 54-133 |  |  |  |
| Ethylbenzene                        | 5.25 | 0.0250 | 5.00 | ND | 105  | 61-133 |  |  |  |
| Toluene                             | 5.30 | 0.0250 | 5.00 | ND | 106  | 61-130 |  |  |  |
| o-Xylene                            | 5.27 | 0.0250 | 5.00 | ND | 105  | 63-131 |  |  |  |
| p,m-Xylene                          | 10.7 | 0.0500 | 10.0 | ND | 107  | 63-131 |  |  |  |
| Total Xylenes                       | 16.0 | 0.0250 | 15.0 | ND | 106  | 63-131 |  |  |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.92 |        | 8.00 |    | 99.0 | 70-130 |  |  |  |

Matrix Spike Dup (2349033-MSD1) Source: E312021-06 Prepared: 12/05/23 Analyzed: 12/05/23

|                                     |      |        |      |    |      |        |      |    |  |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene                             | 5.58 | 0.0250 | 5.00 | ND | 112  | 54-133 | 5.01 | 20 |  |
| Ethylbenzene                        | 5.54 | 0.0250 | 5.00 | ND | 111  | 61-133 | 5.37 | 20 |  |
| Toluene                             | 5.58 | 0.0250 | 5.00 | ND | 112  | 61-130 | 5.17 | 20 |  |
| o-Xylene                            | 5.56 | 0.0250 | 5.00 | ND | 111  | 63-131 | 5.44 | 20 |  |
| p,m-Xylene                          | 11.3 | 0.0500 | 10.0 | ND | 113  | 63-131 | 5.32 | 20 |  |
| Total Xylenes                       | 16.8 | 0.0250 | 15.0 | ND | 112  | 63-131 | 5.36 | 20 |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.73 |        | 8.00 |    | 96.6 | 70-130 |      |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/2023 2:05:56PM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|   |      |      |      |  |                                       |        |  |  |  |
|---|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2349033-BLK1)                    |      |      |      |  | Prepared: 12/05/23 Analyzed: 12/05/23 |        |  |  |  |
| Gasoline Range Organics (C6-C10)        | ND   | 20.0 |      |  |                                       |        |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.95 |      | 8.00 |  | 86.8                                  | 70-130 |  |  |  |

|   |      |      |      |  |                                       |        |  |  |  |
|---|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2349033-BS2)                       |      |      |      |  | Prepared: 12/05/23 Analyzed: 12/05/23 |        |  |  |  |
| Gasoline Range Organics (C6-C10)        | 52.8 | 20.0 | 50.0 |  | 106                                   | 70-130 |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.02 |      | 8.00 |  | 87.8                                  | 70-130 |  |  |  |

|   |      |      |      |    |                    |                                       |  |  |  |
|---|------|------|------|----|--------------------|---------------------------------------|--|--|--|
| Matrix Spike (2349033-MS2)              |      |      |      |    | Source: E312021-06 | Prepared: 12/05/23 Analyzed: 12/05/23 |  |  |  |
| Gasoline Range Organics (C6-C10)        | 50.8 | 20.0 | 50.0 | ND | 102                | 70-130                                |  |  |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.27 |      | 8.00 |    | 90.9               | 70-130                                |  |  |  |

|   |      |      |      |    |                    |                                       |      |    |  |
|---|------|------|------|----|--------------------|---------------------------------------|------|----|--|
| Matrix Spike Dup (2349033-MSD2)         |      |      |      |    | Source: E312021-06 | Prepared: 12/05/23 Analyzed: 12/05/23 |      |    |  |
| Gasoline Range Organics (C6-C10)        | 52.4 | 20.0 | 50.0 | ND | 105                | 70-130                                | 3.07 | 20 |  |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.18 |      | 8.00 |    | 89.7               | 70-130                                |      |    |  |



QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/2023 2:05:56PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2349091-BLK1)            |      |      |      |  | Prepared: 12/08/23 Analyzed: 12/08/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 47.5 |      | 50.0 |  | 95.0                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2349091-BS1)               |      |      |      |  | Prepared: 12/08/23 Analyzed: 12/08/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 207  | 25.0 | 250  |  | 83.0                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 46.2 |      | 50.0 |  | 92.4                                  | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2349091-MS1)      |      |      |      |    | Source: E312021-03 |        | Prepared: 12/08/23 Analyzed: 12/08/23 |  |  |
| Diesel Range Organics (C10-C28) | 203  | 25.0 | 250  | ND | 81.3               | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 45.5 |      | 50.0 |    | 91.1               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2349091-MSD1) |      |      |      |    | Source: E312021-03 |        | Prepared: 12/08/23 Analyzed: 12/08/23 |    |  |
| Diesel Range Organics (C10-C28) | 214  | 25.0 | 250  | ND | 85.6               | 38-132 | 5.17                                  | 20 |  |
| Surrogate: n-Nonane             | 46.1 |      | 50.0 |    | 92.1               | 50-200 |                                       |    |  |





QC Summary Data

|                            |                  |                       |                      |
|----------------------------|------------------|-----------------------|----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:            |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/2023 2:05:56PM |

Anions by EPA 300.0/9056A

Analyst: DT

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |      |      |     |      |                                       |        |                                       |    |    |
|---------------------------------|------|------|-----|------|---------------------------------------|--------|---------------------------------------|----|----|
| Blank (2349081-BLK1)            |      |      |     |      | Prepared: 12/07/23 Analyzed: 12/08/23 |        |                                       |    |    |
| Chloride                        | ND   | 20.0 |     |      |                                       |        |                                       |    |    |
| LCS (2349081-BS1)               |      |      |     |      | Prepared: 12/07/23 Analyzed: 12/08/23 |        |                                       |    |    |
| Chloride                        | 247  | 20.0 | 250 |      | 98.7                                  | 90-110 |                                       |    |    |
| Matrix Spike (2349081-MS1)      |      |      |     |      | Source: E312021-02                    |        | Prepared: 12/07/23 Analyzed: 12/08/23 |    |    |
| Chloride                        | 2890 | 20.0 | 250 | 2700 | 75.4                                  | 80-120 |                                       |    | M4 |
| Matrix Spike Dup (2349081-MSD1) |      |      |     |      | Source: E312021-02                    |        | Prepared: 12/07/23 Analyzed: 12/08/23 |    |    |
| Chloride                        | 2890 | 20.0 | 250 | 2700 | 75.1                                  | 80-120 | 0.0234                                | 20 | M4 |

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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/23 14:05 |

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. 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
- DNR Did not react with the addition of acid or base.

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  
TAR319310

Chain of Custody

Page 1 of 1

| Client: Kaiser-Francis Oil Company   |              |        |                   |           | Bill To                            |                         | Lab Use Only               |             | TAT               |                |         | EPA Program |         |  |
|--------------------------------------|--------------|--------|-------------------|-----------|------------------------------------|-------------------------|----------------------------|-------------|-------------------|----------------|---------|-------------|---------|--|
| Project: Bell Lake North Pad 1       |              |        |                   |           | Attention: Hutton Andrew           |                         | Lab WO# <del>E 23078</del> |             | 1D 2D 3D Standard |                |         | CWA SDWA    |         |  |
| Project Manager: Ashley Giovengo     |              |        |                   |           | Address: 6733 S Yale Ave           |                         | Job Number 23078-0001      |             |                   |                |         |             |         |  |
| Address: 3122 National Parks Hwy     |              |        |                   |           | City, State, Zip: Tulsa, OK, 74136 |                         | Analysis and Method        |             |                   |                |         | RCRA        |         |  |
| City, State, Zip: Carlsbad NM, 88220 |              |        |                   |           | Phone: (580) 307-7363              |                         |                            |             |                   |                |         |             |         |  |
| Phone: 575-988-0055                  |              |        |                   |           | Email: Huttona@kfoc.net            |                         |                            |             |                   |                |         |             |         |  |
| Email: agiovengo@ensolum.com         |              |        |                   |           |                                    |                         |                            |             |                   |                |         |             |         |  |
| Report due by:                       |              |        |                   |           |                                    |                         |                            |             |                   |                |         |             |         |  |
| Time Sampled                         | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number                         | TPH GRO/DRO/ORO by 8015 | BTEX by 8021               | VOC by 8260 | Metals 6010       | Chloride 300.0 | BDOC NM | GDOC TX     | Remarks |  |
| 0455                                 | 12/1/23      | S      | 1                 | SW05-0-5' | 1                                  |                         |                            |             |                   |                | X       |             |         |  |
| 1226                                 | 12/1/23      | S      | 1                 | SW06-0-5' | 2                                  |                         |                            |             |                   |                | X       |             |         |  |
| 1236                                 | 12/1/23      | S      | 1                 | SW07-0-5' | 3                                  |                         |                            |             |                   |                | X       |             |         |  |
| 1238                                 | 12/1/23      | S      | 1                 | SW08-0-3' | 4                                  |                         |                            |             |                   |                | X       |             |         |  |
| 1241                                 | 12/1/23      | S      | 1                 | SW09-0-5' | 5                                  |                         |                            |             |                   |                | X       |             |         |  |
| 1243                                 | 12/1/23      | S      | 1                 | SW10-0-5' | 6                                  |                         |                            |             |                   |                | X       |             |         |  |
| 1140                                 | 12/1/23      | S      | 1                 | FS13-3'   | 7                                  |                         |                            |             |                   |                | X       |             |         |  |
| 1507                                 | 12/1/23      | S      | 1                 | FS14-5'   | 8                                  |                         |                            |             |                   |                | X       |             |         |  |
| 1504                                 | 12/1/23      | S      | 1                 | FS15-5'   | 9                                  |                         |                            |             |                   |                | X       |             |         |  |
| 0425                                 | 12/1/23      | S      | 1                 | FS16-3'   | 10                                 |                         |                            |             |                   |                | X       |             |         |  |

**Additional Instructions:** Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, Huttona@kfoc.net

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: Chad Hamilton

Relinquished by: (Signature) [Signature] Date 12/4/23 Time 1030 Received by: (Signature) Michelle Geyls Date 12-4-23 Time 1030

Relinquished by: (Signature) Michelle Geyls Date 12-4-23 Time 1630 Received by: (Signature) Andrew Russo Date 12-4-23 Time 1630

Relinquished by: (Signature) Andrew Russo Date 12-4-23 Time 2245 Received by: (Signature) Chad Hamilton Date 12/5/23 Time 7:30

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.

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.

Lab Use Only  
Received on ice: Y / N  
T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_  
AVG Temp °C 4



envirotech



Project Information  
TAR319310

Chain of Custody

Page 2 of 2

|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|---|--------------|---------|-------------------|--------------------------|------------------------------------|-------------------------|-------------|--------------|-------------|------------------------|---|---------|-------|----|-----------------------|----|---------|--|-------------------|--|----------|--|
| Client: Kaiser-Francis Oil Company  |              |         |                   |                          | Bill To                            |                         |             |              |             | Lab Use Only           |   |         |       |    | TAT                   |    |         |  | EPA Program       |  |          |  |
| Project: Bell Lake North Pad 1  |              |         |                   |                          | Attention: Hutton Andrew           |                         |             |              |             | Lab WO# E 312021       |   |         |       |    | Job Number 23078-0001 |    |         |  | 1D 2D 3D Standard |  | CWA SDWA |  |
| Project Manager: Ashley Giovengo  |              |         |                   |                          | Address: 6733 S Yale Ave           |                         |             |              |             | Analysis and Method    |   |         |       |    |                       |    |         |  | RCRA              |  |          |  |
| Address: 3122 National Parks Hwy  |              |         |                   |                          | City, State, Zip: Tulsa, OK, 74136 |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| City, State, Zip: Carlsbad NM, 88220  |              |         |                   |                          | Phone: (580) 307-7363              |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Phone: 575-988-0055   |              |         |                   |                          | Email: Huttona@kfoc.net            |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Email: agiovengo@ensolum.com  |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Report due by:  |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Time Sampled  | Date Sampled | Matrix  | No. of Containers | Sample ID                | Lab Number                         | TPH GRO/DRO/ORO by 8015 | BTX by 8021 | VOC by 8260  | Metals 6010 | Chloride 300.0         | BGDOC NM  | GDOC TX | State |    |                       |    | Remarks |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         | NM    | CO | UT                    | AZ | TX      |  |                   |  |          |  |
| 6900  | 12/1/23      | S       | 1                 | FS17 - 3'                | 11                                 |                         |             |              |             |                        | X   |         | X     |    |                       |    |         |  |                   |  |          |  |
| 0722  | 12/1/23      | S       | 1                 | FS18 - 2.5'              | 12                                 |                         |             |              |             |                        | X   |         |       |    |                       |    |         |  |                   |  |          |  |
| 1625  | 12/1/23      | S       | 1                 | FS29 - 3.5'              | 13                                 |                         |             |              |             |                        | X   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
|   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, Huttona@kfoc.net   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| 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.   |              |         |                   |                          |                                    |                         |             |              |             |                        | 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. |         |       |    |                       |    |         |  |                   |  |          |  |
| Sampled by: Chad Hamilton   |              |         |                   |                          |                                    |                         |             |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Relinquished by: (Signature)  |              | Date    | Time              | Received by: (Signature) |                                    | Date                    | Time        | Lab Use Only |             | Received on ice: Y / N |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Michelle Gough  |              | 12/4/23 | 1030              | Michelle Gough           |                                    | 12-4-23                 | 1030        |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Michelle Gough  |              | 12-4-23 | 1630              | Andrew Hutton            |                                    | 12-4-23                 | 1630        |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| Andrew Hutton   |              | 12-4-23 | 2245              | D. Hamilton              |                                    | 12/5/23                 | 7:30        |              |             |                        |   |         |       |    |                       |    |         |  |                   |  |          |  |
| 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: 12/5/2023 9:55:21AM

## 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:  | 12/05/23 07:30             | Work Order ID: | E312021        |
| Phone:  | (505) 382-1211             | Date Logged In: | 12/04/23 15:18             | Logged In By:  | Jordan Montano |
| Email:  | agiovento@ensolum.com      | Due Date:       | 12/12/23 17:00 (5 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? | Yes |
| 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 filtration 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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake North Pad 1

Work Order: E312023

Job Number: 23078-0001

Received: 12/5/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/11/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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.

Date Reported: 12/11/23

Ashley Giovengo  
1224 Standpipe Rd  
Carlsbad, NM 88220



Project Name: Bell Lake North Pad 1  
Workorder: E312023  
Date Received: 12/5/2023 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/5/2023 7:30:00AM, under the Project Name: Bell Lake North Pad 1.

The analytical test results summarized in this report with the Project Name: Bell Lake North Pad 1 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 regarding 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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## Table of Contents

|   |    |
|---|----|
| Title Page  | 1  |
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| FS23- 2.5'  | 5  |
| FS22- 3.5'  | 6  |
| FS21- 2.5'  | 7  |
| FS20- 3'  | 8  |
| QC Summary Data                                     | 9  |
| QC - Volatile Organic Compounds by EPA 8260B        | 9  |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 10 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 11 |
| QC - Anions by EPA 300.0/9056A                      | 12 |
| Definitions and Notes                               | 13 |
| Chain of Custody etc.                               | 14 |

Sample Summary

|                            |                  |                       |                |
|----------------------------|------------------|-----------------------|----------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:      |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/23 11:22 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled  | Received | Container        |
|------------------|---------------|--------|----------|----------|------------------|
| FS23- 2.5'       | E312023-01A   | Soil   | 11/30/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS22- 3.5'       | E312023-02A   | Soil   | 11/30/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS21- 2.5'       | E312023-03A   | Soil   | 11/30/23 | 12/05/23 | Glass Jar, 2 oz. |
| FS20- 3'         | E312023-04A   | Soil   | 11/30/23 | 12/05/23 | Glass Jar, 2 oz. |



Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 11:22:06AM |
|---|---|------------------------------------|

FS23- 2.5'

E312023-01

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349053 |
| Benzene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 12/05/23     | 12/05/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Surrogate: Bromofluorobenzene                         | 107 %  | 70-130          |          | 12/05/23     | 12/05/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.7 % | 70-130          |          | 12/05/23     | 12/05/23 |                |
| Surrogate: Toluene-d8                                 | 99.0 % | 70-130          |          | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349053 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 12/05/23     | 12/05/23 |                |
| Surrogate: Bromofluorobenzene                         | 107 %  | 70-130          |          | 12/05/23     | 12/05/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      | 92.7 % | 70-130          |          | 12/05/23     | 12/05/23 |                |
| Surrogate: Toluene-d8                                 | 99.0 % | 70-130          |          | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2349091 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 12/08/23     | 12/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 12/08/23     | 12/09/23 |                |
| Surrogate: n-Nonane                                   | 89.2 % | 50-200          |          | 12/08/23     | 12/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2349093 |
| Chloride  | 1040   | 20.0            | 1        | 12/08/23     | 12/08/23 |                |



Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 11:22:06AM |
|---|---|------------------------------------|

FS22- 3.5'  
E312023-02

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349053 |
| Benzene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 12/05/23     | 12/05/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.5 %          | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: Toluene-d8                                 |        | 100 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349053 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 12/05/23     | 12/05/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 105 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 94.5 %          | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: Toluene-d8                                 |        | 100 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2349091 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 12/08/23     | 12/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 12/08/23     | 12/09/23 |                |
| Surrogate: n-Nonane                                   |        | 89.7 %          | 50-200   | 12/08/23     | 12/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2349093 |
| Chloride  | ND     | 20.0            | 1        | 12/08/23     | 12/08/23 |                |



Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 11:22:06AM |
|---|---|------------------------------------|

FS21- 2.5'

E312023-03

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349053 |
| Benzene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 12/05/23     | 12/05/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.5 %          | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.6 %          | 70-130   | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349053 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 12/05/23     | 12/05/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.5 %          | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: Toluene-d8                                 |        | 99.6 %          | 70-130   | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2349091 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 12/08/23     | 12/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 12/08/23     | 12/09/23 |                |
| Surrogate: n-Nonane                                   |        | 85.7 %          | 50-200   | 12/08/23     | 12/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2349093 |
| Chloride  | 86.4   | 20.0            | 1        | 12/08/23     | 12/08/23 |                |



Sample Data

|   |   |                                    |
|---|---|------------------------------------|
| Kaiser Francis Oil Company<br>1224 Standpipe Rd<br>Carlsbad NM, 88220 | Project Name: Bell Lake North Pad 1<br>Project Number: 23078-0001<br>Project Manager: Ashley Giovengo | Reported:<br>12/11/2023 11:22:06AM |
|---|---|------------------------------------|

FS20- 3'

E312023-04

| Analyte   | Result | Reporting Limit | Dilution | Prepared     | Analyzed | Notes          |
|---|--------|-----------------|----------|--------------|----------|----------------|
| <b>Volatile Organic Compounds by EPA 8260B</b>        |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349053 |
| Benzene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Ethylbenzene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Toluene   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| o-Xylene  | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| p,m-Xylene  | ND     | 0.0500          | 1        | 12/05/23     | 12/05/23 |                |
| Total Xylenes   | ND     | 0.0250          | 1        | 12/05/23     | 12/05/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.5 %          | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: Toluene-d8                                 |        | 101 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - GRO</b>     |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: RKS |          | Batch: 2349053 |
| Gasoline Range Organics (C6-C10)                      | ND     | 20.0            | 1        | 12/05/23     | 12/05/23 |                |
| Surrogate: Bromofluorobenzene                         |        | 106 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: 1,2-Dichloroethane-d4                      |        | 93.5 %          | 70-130   | 12/05/23     | 12/05/23 |                |
| Surrogate: Toluene-d8                                 |        | 101 %           | 70-130   | 12/05/23     | 12/05/23 |                |
| <b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b> |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: KM  |          | Batch: 2349091 |
| Diesel Range Organics (C10-C28)                       | ND     | 25.0            | 1        | 12/08/23     | 12/09/23 |                |
| Oil Range Organics (C28-C36)                          | ND     | 50.0            | 1        | 12/08/23     | 12/09/23 |                |
| Surrogate: n-Nonane                                   |        | 87.7 %          | 50-200   | 12/08/23     | 12/09/23 |                |
| <b>Anions by EPA 300.0/9056A</b>                      |        |                 |          |              |          |                |
|   | mg/kg  | mg/kg           |          | Analyst: DT  |          | Batch: 2349093 |
| Chloride  | 29.4   | 20.0            | 1        | 12/08/23     | 12/08/23 |                |



QC Summary Data

|                            |                  |                       |                       |
|----------------------------|------------------|-----------------------|-----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:             |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                       |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/2023 11:22:06AM |

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

Blank (2349053-BLK1) Prepared: 12/05/23 Analyzed: 12/05/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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    | 0.531 |        | 0.500 |  | 106  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.454 |        | 0.500 |  | 90.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.506 |        | 0.500 |  | 101  | 70-130 |  |  |  |

LCS (2349053-BS1) Prepared: 12/05/23 Analyzed: 12/05/23

|                                  |       |        |       |  |      |        |  |  |  |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene                          | 2.61  | 0.0250 | 2.50  |  | 104  | 70-130 |  |  |  |
| Ethylbenzene                     | 2.68  | 0.0250 | 2.50  |  | 107  | 70-130 |  |  |  |
| Toluene                          | 2.55  | 0.0250 | 2.50  |  | 102  | 70-130 |  |  |  |
| o-Xylene                         | 2.79  | 0.0250 | 2.50  |  | 112  | 70-130 |  |  |  |
| p,m-Xylene                       | 5.43  | 0.0500 | 5.00  |  | 109  | 70-130 |  |  |  |
| Total Xylenes                    | 8.22  | 0.0250 | 7.50  |  | 110  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.551 |        | 0.500 |  | 110  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.458 |        | 0.500 |  | 91.5 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.497 |        | 0.500 |  | 99.4 | 70-130 |  |  |  |

Matrix Spike (2349053-MS1) Source: E312015-06 Prepared: 12/05/23 Analyzed: 12/05/23

|                                  |       |        |       |    |      |        |  |  |  |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene                          | 2.66  | 0.0250 | 2.50  | ND | 106  | 48-131 |  |  |  |
| Ethylbenzene                     | 2.70  | 0.0250 | 2.50  | ND | 108  | 45-135 |  |  |  |
| Toluene                          | 2.57  | 0.0250 | 2.50  | ND | 103  | 48-130 |  |  |  |
| o-Xylene                         | 2.74  | 0.0250 | 2.50  | ND | 110  | 43-135 |  |  |  |
| p,m-Xylene                       | 5.31  | 0.0500 | 5.00  | ND | 106  | 43-135 |  |  |  |
| Total Xylenes                    | 8.05  | 0.0250 | 7.50  | ND | 107  | 43-135 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.551 |        | 0.500 |    | 110  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.434 |        | 0.500 |    | 86.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.500 |        | 0.500 |    | 99.9 | 70-130 |  |  |  |

Matrix Spike Dup (2349053-MSD1) Source: E312015-06 Prepared: 12/05/23 Analyzed: 12/05/23

|                                  |       |        |       |    |      |        |       |    |  |
|----------------------------------|-------|--------|-------|----|------|--------|-------|----|--|
| Benzene                          | 2.63  | 0.0250 | 2.50  | ND | 105  | 48-131 | 1.17  | 23 |  |
| Ethylbenzene                     | 2.69  | 0.0250 | 2.50  | ND | 108  | 45-135 | 0.500 | 27 |  |
| Toluene                          | 2.55  | 0.0250 | 2.50  | ND | 102  | 48-130 | 0.645 | 24 |  |
| o-Xylene                         | 2.82  | 0.0250 | 2.50  | ND | 113  | 43-135 | 2.88  | 27 |  |
| p,m-Xylene                       | 5.50  | 0.0500 | 5.00  | ND | 110  | 43-135 | 3.55  | 27 |  |
| Total Xylenes                    | 8.32  | 0.0250 | 7.50  | ND | 111  | 43-135 | 3.32  | 27 |  |
| Surrogate: Bromofluorobenzene    | 0.561 |        | 0.500 |    | 112  | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.461 |        | 0.500 |    | 92.1 | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.504 |        | 0.500 |    | 101  | 70-130 |       |    |  |





QC Summary Data

|                            |                  |                       |                       |
|----------------------------|------------------|-----------------------|-----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:             |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                       |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/2023 11:22:06AM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

Blank (2349053-BLK1) Prepared: 12/05/23 Analyzed: 12/05/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND    | 20.0 |       |  |      |        |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.531 |      | 0.500 |  | 106  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.454 |      | 0.500 |  | 90.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.506 |      | 0.500 |  | 101  | 70-130 |  |  |  |

LCS (2349053-BS2) Prepared: 12/05/23 Analyzed: 12/05/23

|                                  |       |      |       |  |      |        |  |  |  |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 59.6  | 20.0 | 50.0  |  | 119  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.557 |      | 0.500 |  | 111  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.449 |      | 0.500 |  | 89.8 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.519 |      | 0.500 |  | 104  | 70-130 |  |  |  |

Matrix Spike (2349053-MS2) Source: E312015-06 Prepared: 12/05/23 Analyzed: 12/05/23

|                                  |       |      |       |    |      |        |  |  |  |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 56.8  | 20.0 | 50.0  | ND | 114  | 70-130 |  |  |  |
| Surrogate: Bromofluorobenzene    | 0.538 |      | 0.500 |    | 108  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.452 |      | 0.500 |    | 90.4 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.506 |      | 0.500 |    | 101  | 70-130 |  |  |  |

Matrix Spike Dup (2349053-MSD2) Source: E312015-06 Prepared: 12/05/23 Analyzed: 12/06/23

|                                  |       |      |       |    |      |        |       |    |  |
|----------------------------------|-------|------|-------|----|------|--------|-------|----|--|
| Gasoline Range Organics (C6-C10) | 56.4  | 20.0 | 50.0  | ND | 113  | 70-130 | 0.792 | 20 |  |
| Surrogate: Bromofluorobenzene    | 0.551 |      | 0.500 |    | 110  | 70-130 |       |    |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.452 |      | 0.500 |    | 90.4 | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.513 |      | 0.500 |    | 103  | 70-130 |       |    |  |



QC Summary Data

|                            |                  |                       |                       |
|----------------------------|------------------|-----------------------|-----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:             |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                       |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/2023 11:22:06AM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result<br>mg/kg | Reporting<br>Limit<br>mg/kg | Spike<br>Level<br>mg/kg | Source<br>Result<br>mg/kg | Rec<br>% | Rec<br>Limits<br>% | RPD<br>% | RPD<br>Limit<br>% | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2349091-BLK1)            |      |      |      |  | Prepared: 12/08/23 Analyzed: 12/08/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0 |      |  |                                       |        |  |  |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0 |      |  |                                       |        |  |  |  |
| Surrogate: n-Nonane             | 47.5 |      | 50.0 |  | 95.0                                  | 50-200 |  |  |  |

|                                 |      |      |      |  |                                       |        |  |  |  |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2349091-BS1)               |      |      |      |  | Prepared: 12/08/23 Analyzed: 12/08/23 |        |  |  |  |
| Diesel Range Organics (C10-C28) | 207  | 25.0 | 250  |  | 83.0                                  | 38-132 |  |  |  |
| Surrogate: n-Nonane             | 46.2 |      | 50.0 |  | 92.4                                  | 50-200 |  |  |  |

|                                 |      |      |      |    |                    |        |                                       |  |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2349091-MS1)      |      |      |      |    | Source: E312021-03 |        | Prepared: 12/08/23 Analyzed: 12/08/23 |  |  |
| Diesel Range Organics (C10-C28) | 203  | 25.0 | 250  | ND | 81.3               | 38-132 |                                       |  |  |
| Surrogate: n-Nonane             | 45.5 |      | 50.0 |    | 91.1               | 50-200 |                                       |  |  |

|                                 |      |      |      |    |                    |        |                                       |    |  |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2349091-MSD1) |      |      |      |    | Source: E312021-03 |        | Prepared: 12/08/23 Analyzed: 12/08/23 |    |  |
| Diesel Range Organics (C10-C28) | 214  | 25.0 | 250  | ND | 85.6               | 38-132 | 5.17                                  | 20 |  |
| Surrogate: n-Nonane             | 46.1 |      | 50.0 |    | 92.1               | 50-200 |                                       |    |  |



QC Summary Data

|                            |                  |                       |                       |
|----------------------------|------------------|-----------------------|-----------------------|
| Kaiser Francis Oil Company | Project Name:    | Bell Lake North Pad 1 | Reported:             |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            |                       |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/2023 11:22:06AM |

Anions by EPA 300.0/9056A

Analyst: DT

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
|         | mg/kg  | mg/kg           | mg/kg       | mg/kg         | %   | %          | %   | %         |       |

|                                 |     |      |     |    |                                       |        |                                       |    |  |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2349093-BLK1)            |     |      |     |    | Prepared: 12/08/23 Analyzed: 12/08/23 |        |                                       |    |  |
| Chloride                        | ND  | 20.0 |     |    |                                       |        |                                       |    |  |
| LCS (2349093-BS1)               |     |      |     |    | Prepared: 12/08/23 Analyzed: 12/08/23 |        |                                       |    |  |
| Chloride                        | 248 | 20.0 | 250 |    | 99.0                                  | 90-110 |                                       |    |  |
| Matrix Spike (2349093-MS1)      |     |      |     |    | Source: E312023-02                    |        | Prepared: 12/08/23 Analyzed: 12/08/23 |    |  |
| Chloride                        | 256 | 20.0 | 250 | ND | 102                                   | 80-120 |                                       |    |  |
| Matrix Spike Dup (2349093-MSD1) |     |      |     |    | Source: E312023-02                    |        | Prepared: 12/08/23 Analyzed: 12/08/23 |    |  |
| Chloride                        | 254 | 20.0 | 250 | ND | 102                                   | 80-120 | 0.660                                 | 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:    | Bell Lake North Pad 1 |                |
| 1224 Standpipe Rd          | Project Number:  | 23078-0001            | Reported:      |
| Carlsbad NM, 88220         | Project Manager: | Ashley Giovengo       | 12/11/23 11:22 |

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Page 14 of 15

## Envirotech Analytical Laboratory

Printed: 12/5/2023 10:26:28AM

## 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:  | 12/05/23 07:30             | Work Order ID: | E312023        |
| Phone:  | (505) 382-1211             | Date Logged In: | 12/05/23 08:38             | Logged In By:  | Jordan Montano |
| Email:  | agiovento@ensolum.com      | Due Date:       | 12/12/23 17:00 (5 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
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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? Yes
  - 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 filtration 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.



## APPENDIX F

### NMOCD Notifications

---



**From:** [Rodgers, Scott, EMNRD](#)  
**To:** [Ashley Giovengo](#); [spills@slo.state.nm.us](mailto:spills@slo.state.nm.us); [Hutton Andrew](#); [Velez, Nelson, EMNRD](#); [Wells, Shelly, EMNRD](#); [Bratcher, Michael, EMNRD](#)  
**Cc:** [Cole Burton](#); [Chad Hamilton](#); [Ethan Haft](#)  
**Subject:** RE: [EXTERNAL] 48-hour Liner Inspection Notification - Kaiser Francis Oil Company - Bell Lake North 1 - Incident Number nAPP2326452170  
**Date:** Friday, October 20, 2023 10:14:40 AM  
**Attachments:** [image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

**Scott Rodgers** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113  
505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/oecd>



---

**From:** Ashley Giovengo <[agiovengo@ensolum.com](mailto:agiovengo@ensolum.com)>  
**Sent:** Friday, October 20, 2023 10:09 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>; [spills@slo.state.nm.us](mailto:spills@slo.state.nm.us); Hutton Andrew <[Huttona@kfoc.net](mailto:Huttona@kfoc.net)>  
**Cc:** Cole Burton <[cburton@ensolum.com](mailto:cburton@ensolum.com)>; Chad Hamilton <[chamilton@ensolum.com](mailto:chamilton@ensolum.com)>; Ethan Haft <[ehaft@ensolum.com](mailto:ehaft@ensolum.com)>  
**Subject:** [EXTERNAL] 48-hour Liner Inspection Notification - Kaiser Francis Oil Company - Bell Lake North 1 - Incident Number nAPP2326452170

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello,

We intend to perform a liner integrity inspection at Kaiser Francis Oil Company's Bell Lake North 1 site (nAPP2326452170) on Tuesday, October 24, 2023, at 09:30 am MST.

Please let us know if you plan to be onsite to oversee the inspection.

Thanks,



**Ashley Giovengo**

Senior Engineer

575-988-0055

Ensolum, LLC

in f 

**From:** [SLO Spills](#)  
**To:** [Ashley Giovengo](#)  
**Subject:** RE: 48-hour Confirmation Sampling notification Email - Bell Lake North 1 - Incident Number nAPP2326452170  
**Date:** Thursday, October 19, 2023 8:34:30 AM  
**Attachments:** [image009.png](#)  
[image010.png](#)  
[image011.png](#)  
[image012.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

Thank you for the notification. Please submit the closure report to [eco@slo.state.nm.us](mailto:eco@slo.state.nm.us).

**Environmental Compliance Office**

*Surface Resources Division*

[eco@slo.state.nm.us](mailto:eco@slo.state.nm.us)

[nmstatelands.org](http://nmstatelands.org)

.....

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---

**From:** Ashley Giovengo <[agiovengo@ensolum.com](mailto:agiovengo@ensolum.com)>  
**Sent:** Tuesday, October 17, 2023 11:55 AM  
**To:** Enviro, OCD, EMNRD <[ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)>; SLO Spills <[spills@slo.state.nm.us](mailto:spills@slo.state.nm.us)>  
**Cc:** Hutton Andrew <[Huttona@kfoc.net](mailto:Huttona@kfoc.net)>; Cole Burton <[cburton@ensolum.com](mailto:cburton@ensolum.com)>  
**Subject:** [EXTERNAL] 48-hour Confirmation Sampling notification Email - Bell Lake North 1 - Incident Number nAPP2326452170

Hello,

We intend to collect confirmation samples at Kaiser Francis Oil Company's, Bell Lake North 1 site (Incident Number *nAPP2326452170*) beginning on Friday, October 20, 2023, at 09:00 am MST through Tuesday, October 24, 2023.

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

Thanks,



**Ashley Giovengo**

Senior Engineer

575-988-0055

Ensolum, LLC

in f 

**From:** [Velez, Nelson, EMNRD](#)  
**To:** [Ashley Giovengo](#)  
**Cc:** [Hutton Andrew](#); [Cole Burton](#); [Bratcher, Michael, EMNRD](#)  
**Subject:** Re: [EXTERNAL] Kaiser-Francis - Confirmation Sampling Variance - Bell Lake North 1 - Incident Number nAPP2326452170  
**Date:** Wednesday, November 1, 2023 10:34:59 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[Outlook-hh4hddf4.png](#)

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You don't often get email from nelson.velez@emnrd.nm.gov. [Learn why this is important](#)

[\*\*EXTERNAL EMAIL\*\*]

Good morning Ashley,

Your variance request for a five (5) point composite sample not to exceed 400 square feet for the excavation floor/base and 200 square feet for the sidewalls have been approved.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Wednesday, November 1, 2023 8:46 AM  
**To:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>  
**Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>  
**Subject:** FW: [EXTERNAL] Kaiser-Francis - Confirmation Sampling Variance - Bell Lake North 1 -

incident Number nAPP2326452170

---

**From:** Ashley Giovengo <agiovengo@ensolum.com>

**Sent:** Wednesday, November 1, 2023 8:36 AM

**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; spills@slo.state.nm.us

**Cc:** Hutton Andrew <Huttona@kfoc.net>; Cole Burton <cburton@ensolum.com>

**Subject:** [EXTERNAL] Kaiser-Francis - Confirmation Sampling Variance - Bell Lake North 1 - incident Number nAPP2326452170

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello,

Kaiser-Francis Oil Company (KFOC) is requesting a confirmation sampling variance at the Bell Lake North 1 (Incident Number nAPP2326452170). On September 20, 2023, equipment failure resulted in a tank battery fire and approximately 33 barrels (bbls) of produced water was leaked from the secondary containment and ran along the high-pressure flare line on-pad. The impacted area beneath the tank battery containment measures approximately 8,806 square feet (sq. ft.) and the impacted area outside of containment measures approximately 11,086 sq. ft; the entirety of the release remained on-pad. A desktop review for potential site receptors and delineation soil sampling to the strictest Closure Criteria have been completed for this release. According to the desktop review, the closest permitted groundwater well with depth to ground water data is New Mexico Office of the State Engineer (NMOSE) well, CP 00872 POD1 with a depth to groundwater measurement of 305 ft below ground surface (bgs). The well is located 2.01 miles northwest of the site and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

Laboratory analytical results from delineation soil samples indicated that there are chloride impacts at depths greater than 2-foot bgs inside containment, however laboratory analytical results indicated that impacts do not extend below 1-foot in the release area outside of containment. KFOC intends to remediate soils that are not directly beneath production equipment in accordance with the strictest Closure Criteria per NMOCD Table 1. Due to the size of the impacted areas (8806 sq. ft) and (11,086 sq. ft), KFOC would like to request a sampling variance of every 400 sq. ft. on confirmation floor samples and every 200 feet on confirmation sidewall samples. KFOC believes this *variance request* will provide equal or better protection of public health, the environment, and groundwater and respectfully requests approval for Incident Number (nAPP2326452170).

Thanks,

**Ashley Giovengo**  
Senior Engineer  
575-988-0055



Ensolum, LLC  
in f 



**Ronni Hayes**

---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Tuesday, November 7, 2023 1:15 PM  
**To:** Ronni Hayes  
**Cc:** Ashley Giovengo; Velez, Nelson, EMNRD; Bratcher, Michael, EMNRD  
**Subject:** RE: [EXTERNAL] 48-hour Confirmation Sampling Notification Email-Bell Lake North Pad 1-nAPP2326452170

You don't often get email from shelly.wells@emnrd.nm.gov. [Learn why this is important](#)

[\*\*EXTERNAL EMAIL\*\*]

Hi Ronni,

The OCD has received your notification. Notification requirements are **two full business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

*Shelly*

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520|[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Ronni Hayes <rhayes@ensolum.com>  
**Sent:** Tuesday, November 7, 2023 12:18 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Ashley Giovengo <agiovengo@ensolum.com>  
**Subject:** [EXTERNAL] 48-hour Confirmation Sampling Notification Email-Bell Lake North Pad 1-nAPP2326452170

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.


Hello,

We intend to collect confirmation samples at Kaiser-Francis Oil Company's, Bell Lake North Pad 1 site (Incident Number nAPP2326452170) beginning on Thursday, October 9, 2023, at 09:00 am MST through Friday, October 10, 2023.

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

Thanks,



**Ronni Hayes**  
Assistant Geologist  
903-227-9483  
**Ensolum, LLC**  
**in f** 

**Kaoru Shimada**

---

**From:** Ashley Giovengo  
**Sent:** Monday, October 30, 2023 12:11 PM  
**To:** Kaoru Shimada  
**Subject:** FW: [EXTERNAL] 48-hour Confirmation Sampling notification Email - Bell Lake North 1 - Incident Number nAPP2326452170

**Ashley Giovengo**

Senior Engineer

575-988-0055

Ensolum, LLC



---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Monday, October 30, 2023 11:03 AM  
**To:** Ashley Giovengo <agiovengo@ensolum.com>; spills@slo.state.nm.us  
**Cc:** Hutton Andrew <Huttona@kfoc.net>; Cole Burton <cburton@ensolum.com>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>  
**Subject:** RE: [EXTERNAL] 48-hour Confirmation Sampling notification Email - Bell Lake North 1 - Incident Number nAPP2326452170

[ \*\*EXTERNAL EMAIL\*\* ]

Hi Ashley,

The OCD has received your notification. Notification requirements are **two full business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520|[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Ashley Giovengo <[agiovengo@ensolum.com](mailto:agiovengo@ensolum.com)>  
**Sent:** Monday, October 30, 2023 10:49 AM

**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>; [spills@slo.state.nm.us](mailto:spills@slo.state.nm.us)

**Cc:** Hutton Andrew <[Huttona@kfoc.net](mailto:Huttona@kfoc.net)>; Cole Burton <[cburton@ensolum.com](mailto:cburton@ensolum.com)>

**Subject:** [EXTERNAL] 48-hour Confirmation Sampling notification Email - Bell Lake North 1 - Incident Number nAPP2326452170

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello,

We intend to collect confirmation samples at Kaiser Francis Oil Company's, Bell Lake North 1 site (Incident Number nAPP2326452170) beginning on Wednesday, November 01, 2023, at 09:00 am MST through Friday, November 03, 2023.

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

Thanks,



**Ashley Giovengo**

Senior Engineer

575-988-0055

Ensolum, LLC



**From:** [Wells, Shelly, EMNRD](#)  
**To:** [Ashley Giovengo](#); [spills@slo.state.nm.us](mailto:spills@slo.state.nm.us)  
**Cc:** [Hutton Andrew](#); [Cole Burton](#); [Chad Hamilton](#); [Ethan Haft](#); [Velez, Nelson, EMNRD](#); [Bratcher, Michael, EMNRD](#)  
**Subject:** RE: [EXTERNAL] RE: 48-hour Confirmation Sampling Notification Email - Kaiser Francis Oil Company - Bell Lake North 1 - Incident Number nAPP2326452170  
**Date:** Tuesday, November 28, 2023 1:35:43 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

Hi Ashley,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

*Shelly*

[Shelly Wells](#) \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Ashley Giovengo <[agiovengo@ensolum.com](mailto:agiovengo@ensolum.com)>  
**Sent:** Tuesday, November 28, 2023 1:04 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>; [spills@slo.state.nm.us](mailto:spills@slo.state.nm.us)  
**Cc:** [Hutton Andrew](#) <[Huttona@kfoc.net](mailto:Huttona@kfoc.net)>; [Cole Burton](#) <[cburton@ensolum.com](mailto:cburton@ensolum.com)>; [Chad Hamilton](#) <[chamilton@ensolum.com](mailto:chamilton@ensolum.com)>; [Ethan Haft](#) <[ehaft@ensolum.com](mailto:ehaft@ensolum.com)>  
**Subject:** [EXTERNAL] RE: 48-hour Confirmation Sampling Notification Email - Kaiser Francis Oil Company - Bell Lake North 1 - Incident Number nAPP2326452170

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

My apologies Friday December 1, 2023, is the correct date.

Thanks,

**Ashley Giovengo**  
Senior Engineer  
575-988-0055



Ensolum, LLC  
in f

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**From:** Ashley Giovengo  
**Sent:** Tuesday, November 28, 2023 1:02 PM  
**To:** Enviro, OCD, EMNRD <[ocd.enviro@emnrd.nm.gov](mailto:ocd.enviro@emnrd.nm.gov)>; [spills@slo.state.nm.us](mailto:spills@slo.state.nm.us)  
**Cc:** Hutton Andrew <[Huttona@kfoc.net](mailto:Huttona@kfoc.net)>; Cole Burton <[cburton@ensolum.com](mailto:cburton@ensolum.com)>; Chad Hamilton <[chamilton@ensolum.com](mailto:chamilton@ensolum.com)>; Ethan Haft <[ehaft@ensolum.com](mailto:ehaft@ensolum.com)>  
**Subject:** 48-hour Confirmation Sampling Notification Email - Kaiser Francis Oil Company - Bell Lake North 1 - Incident Number nAPP2326452170

Hello,

We intend to collect confirmation samples at Kaiser Francis Oil Company's Bell Lake North 1 site (Incident Number nAPP2326452170) beginning on Friday, November 30, 2023, at 08:00 am MST. Please let us know if you will be onsite to oversee the sampling event.

Thanks,



**Ashley Giovengo**  
Senior Engineer  
575-988-0055  
Ensolum, LLC  
in f

**From:** [Velez, Nelson, EMNRD](#)  
**To:** [Ashley Giovengo](#)  
**Cc:** [Hutton Andrew](#); [Cole Burton](#); [Bratcher, Michael, EMNRD](#)  
**Subject:** Re: [EXTERNAL] Kaiser-Francis - Confirmation Sampling Variance - Bell Lake North 1 - Incident Number nAPP2326452170  
**Date:** Wednesday, November 1, 2023 10:34:59 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[Outlook-hh4hddf4.png](#)

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You don't often get email from [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov). [Learn why this is important](#)

[\*\*EXTERNAL EMAIL\*\*]

Good morning Ashley,

Your variance request for a five (5) point composite sample not to exceed 400 square feet for the excavation floor/base and 200 square feet for the sidewalls have been approved.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Wednesday, November 1, 2023 8:46 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@emnrd.nm.gov](mailto:Nelson.Velez@emnrd.nm.gov)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** FW: [EXTERNAL] Kaiser-Francis - Confirmation Sampling Variance - Bell Lake North 1 -



incident Number nAPP2326452170

---

**From:** Ashley Giovengo <agiovengo@ensolum.com>

**Sent:** Wednesday, November 1, 2023 8:36 AM

**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; spills@slo.state.nm.us

**Cc:** Hutton Andrew <Huttona@kfoc.net>; Cole Burton <cburton@ensolum.com>

**Subject:** [EXTERNAL] Kaiser-Francis - Confirmation Sampling Variance - Bell Lake North 1 - incident Number nAPP2326452170

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello,

Kaiser-Francis Oil Company (KFOC) is requesting a confirmation sampling variance at the Bell Lake North 1 (Incident Number nAPP2326452170). On September 20, 2023, equipment failure resulted in a tank battery fire and approximately 33 barrels (bbls) of produced water was leaked from the secondary containment and ran along the high-pressure flare line on-pad. The impacted area beneath the tank battery containment measures approximately 8,806 square feet (sq. ft.) and the impacted area outside of containment measures approximately 11,086 sq. ft; the entirety of the release remained on-pad. A desktop review for potential site receptors and delineation soil sampling to the strictest Closure Criteria have been completed for this release. According to the desktop review, the closest permitted groundwater well with depth to ground water data is New Mexico Office of the State Engineer (NMOSE) well, CP 00872 POD1 with a depth to groundwater measurement of 305 ft below ground surface (bgs). The well is located 2.01 miles northwest of the site and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

Laboratory analytical results from delineation soil samples indicated that there are chloride impacts at depths greater than 2-foot bgs inside containment, however laboratory analytical results indicated that impacts do not extend below 1-foot in the release area outside of containment. KFOC intends to remediate soils that are not directly beneath production equipment in accordance with the strictest Closure Criteria per NMOCD Table 1. Due to the size of the impacted areas (8806 sq. ft) and (11,086 sq. ft), KFOC would like to request a sampling variance of every 400 sq. ft. on confirmation floor samples and every 200 feet on confirmation sidewall samples. KFOC believes this *variance request* will provide equal or better protection of public health, the environment, and groundwater and respectfully requests approval for Incident Number (nAPP2326452170).

Thanks,

**Ashley Giovengo**  
Senior Engineer  
575-988-0055



Ensolum, LLC  
in f 

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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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

QUESTIONS

Action 339429

QUESTIONS

|  |   |
|--|---|
| Operator:<br>KAISER-FRANCIS OIL CO<br>PO Box 21468<br>Tulsa, OK 74121146 | OGRID:<br>12361   |
|  | Action Number:<br>339429  |
|  | Action Type:<br>[C-141] Deferral Request C-141 (C-141-v-Deferral) |

QUESTIONS

|                   |                                      |
|-------------------|--------------------------------------|
| Prerequisites     |                                      |
| Incident ID (n#)  | nAPP2326452170                       |
| Incident Name     | NAPP2326452170 BELL LAKE NORTH 1 @ 0 |
| Incident Type     | Produced Water Release               |
| Incident Status   | Deferral Request Received            |
| Incident Facility | [fAPP2205355768] BLUN PAD 1          |

|  |                   |
|--|-------------------|
| Location of Release Source                     |                   |
| Please answer all the questions in this group. |                   |
| Site Name                                      | BELL LAKE NORTH 1 |
| Date Release Discovered                        | 09/20/2023        |
| Surface Owner                                  | State             |

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

|  |  |
|--|--|
| Nature and Volume of Release   |  |
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. |  |
| Crude Oil Released (bbls) Details  | Not answered.  |
| Produced Water Released (bbls) Details   | Cause: Equipment Failure   Tank (Any)   Produced Water   Released: 32 BBL   Recovered: 0 BBL   Lost: 32 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l  | Yes  |
| Condensate Released (bbls) Details   | Not answered.  |
| Natural Gas Vented (Mcf) Details   | Not answered.  |
| Natural Gas Flared (Mcf) Details   | Not answered.  |
| Other Released Details   | Not answered.  |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)                                 | Not answered.  |

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

QUESTIONS, Page 2

Action 339429

**QUESTIONS (continued)**

|  |   |
|--|---|
| Operator:<br>KAISER-FRANCIS OIL CO<br>PO Box 21468<br>Tulsa, OK 74121146 | OGRID:  |
|  | 12361   |
|  | Action Number:<br>339429  |
|  | Action Type:<br>[C-141] Deferral Request C-141 (C-141-v-Deferral) |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>   |  |
|---|--|
| Is this a gas only submission (i.e. only significant Mcf values reported)   | No, according to supplied volumes this does not appear to be a "gas only" report.  |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC  | Yes  |
| Reasons why this would be considered a submission for a notification of a major release   | From paragraph A. "Major release" determine using:<br>(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more;<br>(2) an unauthorized release of a volume that:<br>(a) results in a fire or is the result of a fire. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. |  |

**Initial Response**

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

|  |               |
|--|---------------|
| The source of the release has been stopped   | True          |
| The impacted area has been secured to protect human health and the environment                                     | True          |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True          |
| All free liquids and recoverable materials have been removed and managed appropriately                             | True          |
| If all the actions described above have not been undertaken, explain why   | Not answered. |

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

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

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: Hutton Andrew<br>Email: huttona@kfoc.net<br>Date: 05/01/2024 |
|--|--|

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**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 339429

**QUESTIONS (continued)**

|  |                |   |
|--|----------------|---|
| Operator:<br>KAISER-FRANCIS OIL CO<br>PO Box 21468<br>Tulsa, OK 74121146 | OGRID:         | 12361   |
|  | Action Number: | 339429  |
|  | Action Type:   | [C-141] Deferral Request C-141 (C-141-v-Deferral) |
|  |                |   |

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

|  |                                |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.)      |
| What method was used to determine the depth to ground water  | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water   | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>   |                                |
| A continuously flowing watercourse or any other significant watercourse  | Between ½ and 1 (mi.)          |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)  | Greater than 5 (mi.)           |
| An occupied permanent residence, school, hospital, institution, or church  | Greater than 5 (mi.)           |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes  | Greater than 5 (mi.)           |
| Any other fresh water well or spring   | Greater than 5 (mi.)           |
| Incorporated municipal boundaries or a defined municipal fresh water well field  | Greater than 5 (mi.)           |
| A wetland  | Greater than 5 (mi.)           |
| A subsurface mine  | Greater than 5 (mi.)           |
| An (non-karst) unstable area   | Greater than 5 (mi.)           |
| Categorize the risk of this well / site being in a karst geology   | Low                            |
| A 100-year floodplain  | Greater than 5 (mi.)           |
| Did the release impact areas not on an exploration, development, production, or storage site                               | No                             |

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

|   |     |
|---|-----|
| Requesting a remediation plan approval with this submission   | Yes |
| Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. |     |
| Have the lateral and vertical extents of contamination been fully delineated  | Yes |
| Was this release entirely contained within a lined containment area   | No  |

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

|   |       |
|---|-------|
| Chloride (EPA 300.0 or SM4500 Cl B)         | 10000 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 99    |
| GRO+DRO (EPA SW-846 Method 8015M)           | 37    |
| BTEX (EPA SW-846 Method 8021B or 8260B)     | 0     |
| Benzene (EPA SW-846 Method 8021B or 8260B)  | 0     |

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

|   |            |
|---|------------|
| On what estimated date will the remediation commence                        | 10/26/2023 |
| On what date will (or did) the final sampling or liner inspection occur     | 12/01/2023 |
| On what date will (or was) the remediation complete(d)                      | 12/01/2023 |
| What is the estimated surface area (in square feet) that will be reclaimed  | 2957       |
| What is the estimated volume (in cubic yards) that will be reclaimed        | 329        |
| What is the estimated surface area (in square feet) that will be remediated | 13193      |
| What is the estimated volume (in cubic yards) that will be remediated       | 982        |

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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**Energy, Minerals and Natural Resources**  
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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 339429

**QUESTIONS (continued)**

|  |                |   |
|--|----------------|---|
| Operator:<br>KAISER-FRANCIS OIL CO<br>PO Box 21468<br>Tulsa, OK 74121146 | OGRID:         | 12361   |
|  | Action Number: | 339429  |
|  | Action Type:   | [C-141] Deferral Request C-141 (C-141-v-Deferral) |
|  |                |   |

**QUESTIONS****Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

|   |                                   |
|---|-----------------------------------|
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.) | Yes                               |
| Which OCD approved facility will be used for <b>off-site</b> disposal                 | OWL LANDFILL JAL [fJEG1635837366] |
| <b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal     | Not answered.                     |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state              | Not answered.                     |
| <b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility          | Not answered.                     |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)         | Not answered.                     |
| (In Situ) Soil Vapor Extraction   | Not answered.                     |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)     | Not answered.                     |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                    | Not answered.                     |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)              | Not answered.                     |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                      | Not answered.                     |
| OTHER (Non-listed remedial process)   | Not answered.                     |

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

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

|  |  |
|--|--|
| I hereby agree and sign off to the above statement | Name: Hutton Andrew<br>Email: huttona@kfoc.net<br>Date: 05/01/2024 |
|--|--|

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 339429

**QUESTIONS (continued)**

|  |                |   |
|--|----------------|---|
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|  | Action Number: | 339429  |
|  | Action Type:   | [C-141] Deferral Request C-141 (C-141-v-Deferral) |
|  |                |   |

**QUESTIONS****Deferral Requests Only**

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

|  |  |
|--|--|
| Requesting a deferral of the remediation closure due date with the approval of this submission   | Yes  |
| Have the lateral and vertical extents of contamination been fully delineated   | Yes  |
| Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction   | Yes  |
| Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction  | Production tanks and electrical panels.                            |
| What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted   | 2957   |
| What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted   | 329  |
| Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.  |  |
| Enter the facility ID (F#) on which this deferral should be granted  | BLUN PAD 1 [fAPP2205355768]  |
| Enter the well API (30-) on which this deferral should be granted  | Not answered.  |
| Contamination does not cause an imminent risk to human health, the environment, or groundwater   | True   |
| Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.  |  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |  |
| I hereby agree and sign off to the above statement   | Name: Hutton Andrew<br>Email: huttona@kfoc.net<br>Date: 05/01/2024 |



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QUESTIONS, Page 6  
  
Action 339429

**QUESTIONS (continued)**

|  |                |
|--|----------------|
| Operator:<br>KAISER-FRANCIS OIL CO<br>PO Box 21468<br>Tulsa, OK 74121146 | OGRID:         |
|  | 12361          |
|  | Action Number: |
|  | 339429         |
| Action Type:   |                |
| [C-141] Deferral Request C-141 (C-141-v-Deferral)                        |                |

**QUESTIONS**

| Sampling Event Information  |            |
|---|------------|
| Last sampling notification (C-141N) recorded  | 295659     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 10/20/2023 |
| What was the (estimated) number of samples that were to be gathered                             | 61         |
| What was the sampling surface area in square feet   | 19892      |

| Remediation Closure Request  |    |
|--|----|
| Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. |    |
| Requesting a remediation closure approval with this submission   | No |

**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 339429

CONDITIONS

|  |   |
|--|---|
| Operator:<br>KAISER-FRANCIS OIL CO<br>PO Box 21468<br>Tulsa, OK 74121146 | OGRID:<br>12361   |
|  | Action Number:<br>339429  |
|  | Action Type:<br>[C-141] Deferral Request C-141 (C-141-v-Deferral) |

CONDITIONS

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| nvelez     | Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place. | 5/20/2024      |