

CLOSURE REQUEST KAISER-FRANCIS OIL COMPANY

Created for submission to New Mexico Oil Conservation Division on 06/09/2022

ASHLEY GIOVENGO Environmental Manager - Permian

ENERGIZING AMERICA

June 09, 2022

Chad Hensley, Bradford Billings, Robert Hamlet, Jennifer Nobui, and/or Nelson Velez

State of New Mexico Energy, Minerals, and Natural Resources New Mexico Oil Conservation Division 811 South First Street Artesia, New Mexico 88210

RE: CLOSURE REQUEST

| COMPANY | Kaiser-Francis Oil Company |
|-------------|--------------------------------|
| LOCATION | North Bell Lake Unit 4 #15 SWD |
| ΑΡΙ | 30-025-24771 |
| PLSS | Unit K Sec 08 T23S R34E |
| GPS | 32.3173599, 103.4942551 |
| INCIDENT ID | nAPP2200646019 |

BACKGROUND

Wescom, Inc., hereafter referred to as Wescom, has prepared this Closure Request on behalf of Kaiser-Francis Oil Company, hereafter referred to as KFOC, regarding the release at the North Bell Lake Unit 4 #15 SWD (Site) located in Unit K, Section 08, Township 23 South and Range 34 East in Lea County, New Mexico. The GPS coordinates are as follows: North 32.3173599 and West -103.4942551. Surface owner of the Site is Limestone Basin Properties. The Site falls within New Mexico Oil Conservation Division (NMOCD), District 1 Hobbs.

On January 5, 2022, freezing temperatures over a two-day period caused a four-inch brass ball valve on the load line to separate at the threaded portion. This failure resulted in the release of 29 barrels (bbls) of produced water onto the caliche pad and onto a small, off-pad area on the North side of the Site. KFOC immediately isolated the source of the leak and constructed berms surrounding the spill area. Approximately 15 bbls of produced water was recovered. The spill area is located on the Northwest and South side of the containment as shown in Figure 1.

Correspondence with NMOCD concerning depth to water (DTW) at the Site began on January 10, 2022. Chad Hensley of the NMOCD approved the use of water well, CP-1886-POD1 DTW for the Site. Water measurement well CP-1886-POD1 which is associated with incident number nAPP2107043534 (see Attachment F), has a DTW of greater than 110 ft below ground surface (bgs) and is located 0.68 miles West of the Site.



Energizing America wescominc.com | info@wescominc.com | 218-724-1322 Horizontal and vertical delineation sampling was conducted on January 11, 2022. Wescom personnel returned to the Site on March 04, and March 07, 2022, to perform remedial action of the on-pad spill area and to collect confirmation samples. On March 29, 2022, Wescom personnel returned to the Site to re-scrape confirmation areas CONF28, CONF30 and CONF32, and to collect confirmation samples CONF28A, CONF30A and CONF32B. CONF37 and CONF38 were collected from the off-pad spill area located on the North side of the Site. The off-pad spill area was remediated in accordance with the reclamation standard for off-pad spill areas per 19.15.29.13 NMAC.

SURFACE & GROUND WATER

The New Mexico Office of the State Engineer (OSE) records indicates the nearest depth to groundwater measurement is greater than 110 feet below ground surface (bgs) and is 0.68 miles West of the Site. No playas or lakes are located within a one-mile radius of this Site (Attachment C). This depth to water determination has been approved by NMOCD as per email from Chad Hensley, NMOCD to Aaron Daniels, KFOC on February 07, 2022 (Attachment F).

KARST POTENTIAL

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

TARGET REMEDIAL LEVELS

The target cleanup levels are determined using the NMOCD Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC, inserted below) including karst guidelines from the Bureau of Land Management. The applicable Recommended Remediation Action Levels (RRALs) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethyl benzene, and xylene (BTEX) and 2500 ppm Total Petroleum Hydrocarbons (TPH) and 1000 ppm combined Gasoline Range Organics (GRO) and Diesel Range Organics (DRO). Characterization of the vertical and horizontal extent of chloride concentration in the soil to a level of 20000 mg/kg (ppm) is also required.



| Closure Crite | ria (19.15. | .29.12.B(4) and Tab | ole 1 NMA | .C) | | |
|--|--------------|--|----------------|---------------|------|---------|
| North Bell Lak | e Unit 4 #15 | 5 SWD — 32.3173599, · | -103.49425 | 51 | | |
| Depth to Groundwater | | | osure Criteria | (unites in mg | /kg) | |
| | | limit or background, whichever is greater | ТРН | GRO+DRO | BTEX | Benzene |
| Based on high karst potential | | 600 | 100 | | 50 | 10 |
| less than 50 ft bgs | | 600 | 100 | | 50 | 10 |
| 51 ft to 100 ft bgs | | 10000 | 2500 | 1000 | 50 | 10 |
| greater than 100 ft bgs | >110 | 20000 | 2500 | 1000 | 50 | 10 |
| Surface Water | Yes or No | | lf ye | s, then | | 1 |
| < 300 feet from continuously flowing watercourse or other significant watercourse? | No | | | | | |
| < 200 feet from lakebed, sinkhole or playa lake | No | | | | | |
| Water Well or Water Source | | | | | | |
| < 500 feet from spring or a private, domestic fresh water | | | | | | |
| well used by less than 5 households for domestic or stock | No | | | | | |
| watering purposes? | | | | | | |
| < 1000 feet from fresh water well or spring? | No | | | | | |
| Human and Other Areas | | | | | | |
| < 300 feet from an occupied permanent residence, school, hospital, institution or church? | No | | | | | |
| Within incorporated municipal boundaries or within a | | | | | | |
| defined municipal fresh water well field? | No | | | | | |
| < 100 feet from wetland? | No | | | | | |
| Within area overlying a subsurface mine? | No | | | | | |
| Within an unstable area? | No | | | | | |
| Within a 100-year floodplan? | No | | | | | |

Table: Closure Criteria Statistics

SITE ASSESSMENT AND DELINEATION

On March 8, 2022, KFOC contracted Wescom to conduct on-site delineation activities and to determine the horizontal and vertical extent of the spill area. A background sample, BG03, was collected 50 feet to the south of the caliche pad, as shown in Figure 1. A total of seven samples were jarred and sent to Envirotech, Inc, for laboratory analysis and all samples were below the applicable RRALs for the Site. Delineation sample locations are presented in Figure 1; laboratory analysis results are presented in Table 1 and laboratory analytical reports are included in Attachment E.

REMEDIATION ACTIVITES

Beginning on March 04, 2022, Wescom personnel arrived on-site to oversee the removal of impacted soils and to perform confirmation sampling. A backhoe was used to remove approximately 5 cubic yards of contaminated soil from the spill area. The off-pad spill area was remediated when Wescom personnel completed the excavation associated with incident number nAPP2116429491. A total of 38 composite confirmation samples were collected over the two-day sampling and excavation period. All the confirmation samples except CONF28, CONF30 and CONF32, were below the applicable RRALs for the Site (see Table 2).

W

Energizing America wescominc.com | info@wescominc.com | 218-724-1322 Wescom personnel returned to the Site on March 29, 2022, to perform a surface scrape and re-sample CONF28, CONF30 and CONF32. A backhoe was utilized to remove approximately ten cubic yards of contaminated soil from the area prior to sampling. CONF28A, CONF30A and CONF32B were below the applicable RRALs for the Site on March 29, 2022 (see Table 2). All soil samples were properly packaged, preserved, and transported to Envirotech, Inc. by chain of custody, and analyzed for Total Petroleum Hydrocarbons, or TPH, —Method 8015D, BTEX—Method 8021B, and Chlorides—Method 300.0. Confirmation sample locations are presented in Figure 2; laboratory analysis results are presented in Table 2 and laboratory analytical reports are included in Attachment E. Impacted material was disposed of at an approved disposal facility.

The required 48-hour confirmation sampling notifications were sent on March 04, 2022, and on March 24, 2022, to Chad Hensley, Bradford Billings, Mike Bratcher, Robert Hamlet, Jennifer Nobui, and Nelson Velez, with the NMOCD in Santa Fe, New Mexico and are included in Attachment G.

REQUEST FOR CLOSURE

On behalf of KFOC, Wescom hereby requests closure for the release associate with incident number nAPP2200646019 based on the logic below.

- Depth to water at the Site is greater than 110 feet bgs, as per Attachment F.
- The release has been horizontally and vertically delineated.
- All confirmation areas and samples are below applicable RRALs for the Site.
- Impacted material was removed and properly disposed of at an approved facility.

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

Sincerely,

Wescom, Inc.

Ashley Giovengo Environmental Manager-Permian

cc: Aaron Daniels, Kaiser-Francis Oil Company

Hutton Andrew, Kaiser-Francis Oil Company

Chad Hensley, NMOCD

Bradford Billings, NMOCD



Energizing America wescominc.com | info@wescominc.com | 218-724-1322 Robert Hamlet, NMOCD

Jennifer Nobui, NMOCD

Nelson Velez, NMOCD

REFERENCE MATERIALS

FIGURES

FIGURE 1. Delineation Sampling FIGURE 2. Confirmation Sampling

TABLES

TABLE 1. Laboratory Analysis Results: Delineation Samples

TABLE 2. Laboratory Analysis Results: Confirmation Samples

ATTACHMENTS

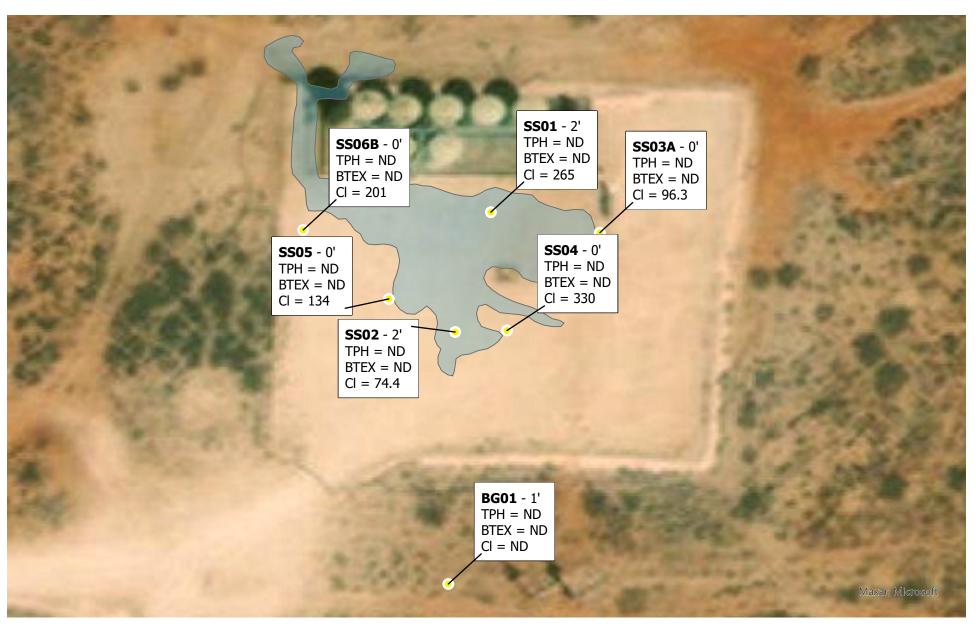
- ATTACHMENT A. C-141 ATTACHMENT B. Site Photos
- ATTACHMENT C. Closure Criteria Supporting Documents
- ATTACHMENT D. Karst Map
- ATTACHMENT E. Envirotech Inc. Laboratory Analysis Reports
- ATTACHMENT F. Depth to Water Determination Email
- ATTACHMENT G. 48-hour Confirmation Sampling Notification Emails

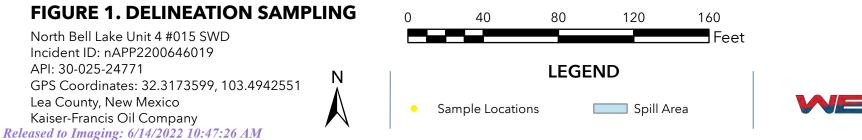


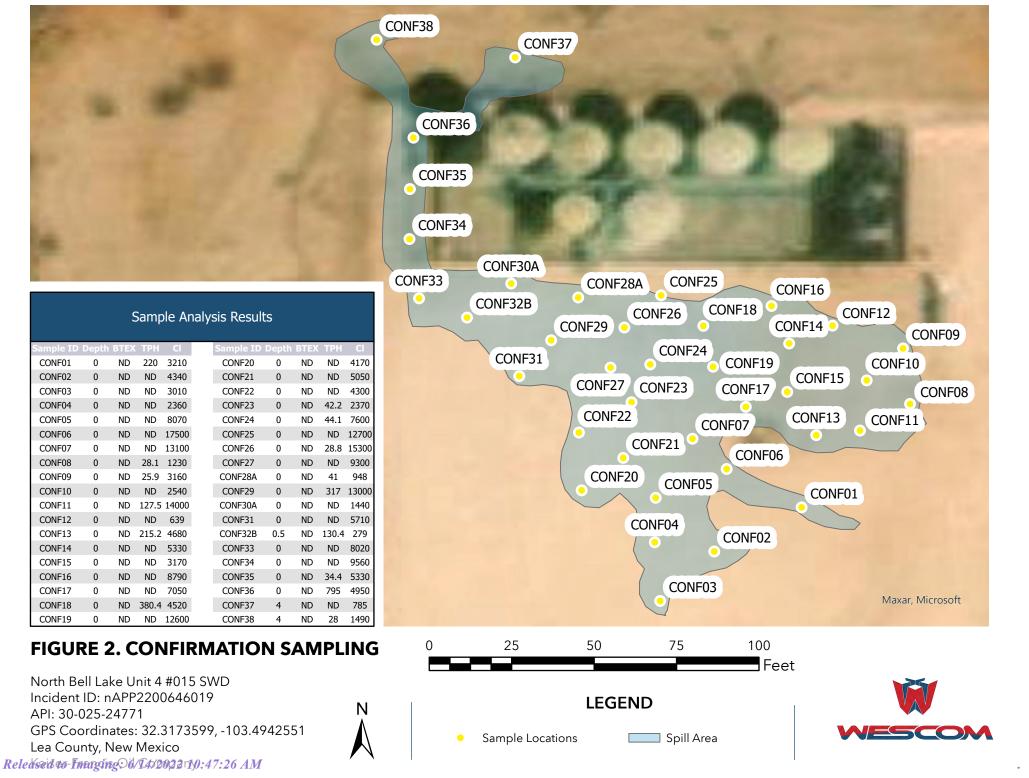
FIGURES

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TABLES

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| | North Bell Lake Unit 4 #15 SWD nAPP | | | | | | | |
|--|---|------------------|---------|----------|-------------|------------|-----------|--|
| | Kaiser-Francis Oil Company 01.05.2022 | | | | | | | |
| Tab | Table 1. Laboratory Analysis Results: Delineation Samples | | | | | | | |
| Sam | ple Descrip | tion | Pet | roleum I | Hydrocar | bons | Inorganic | |
| | | | Vola | tile | Extr | actable | | |
| | | | | BTEX | | | | |
| | | | Benzene | (total) | ТРН | GRO+DRO | Chloride | |
| Sample ID | Depth (ft.) | Date | (mk/kg) | (mk/kg) | (mk/kg) | (mk/kg) | (mk/kg) | |
| Clo | osure Criter | ia | 10 | 50 | 2500 | 1000 | 20000 | |
| SS01 | 2 | 1/11/2022 | ND | ND | ND | ND | 265 | |
| SS02 | 2 | 1/11/2022 | ND | ND | ND | ND | 74.4 | |
| SS03A | 0 | 1/11/2022 | ND | ND | ND | ND | 96.3 | |
| SS04 | 0 | 1/11/2022 | ND | ND | ND | ND | 330 | |
| SS05 | 0 | 1/11/2022 | ND | ND | ND | ND | 134 | |
| SS06B | 0 | 1/11/2022 | ND | ND | ND | ND | 201 | |
| SS07C | 0 | 3/18/2022 | ND | ND | 25.9 | 25.9 | 96.6 | |
| BG01 | 0 | 1/11/2022 | ND | ND | ND | ND | ND | |
| BG01 | 1 | 1/11/2022 | ND | ND | ND | ND | ND | |
| ABBREVIAT | IONS | | | | | | | |
| BTEX — Benze | ne, Toluene, Etł | nylene, Xylene | | GRO — Ga | soline Rang | e Organics | | |
| DRO — Diesel | DRO — Diesel Range Organics ND — Non-detect | | | | | | | |
| ft. — Feet mg/kg — Milligrams per Kilogram | | | | | | | | |
| TPH — Total Petroleum Hydrocarbons | | | | | | | | |
| Notes | | | | | | | | |
| Bold Red - Res | ults are above | closure criteria | 1 | | | | | |
| Gray Highlight | - Background S | amples | | | | | | |



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| Nor | th Bell L | ake Uni | t 4 #15 | SWD | nAP | P2200646 | 5019 |
|---|----------------|------------|-----------|------------|----------|-----------|-----------|
| | Kaise | er-Francis | i Oil Con | npany | 01.05 | .2022 | |
| Table | e 2. Labor | atory Ana | alysis Re | sults: C | Confirm | ation San | nples |
| Sam | ple Descrip | tion | Pet | roleum I | Hydrocar | bons | Inorganic |
| | | | Vola | tile | Extr | actable | |
| | | | | BTEX | | | |
| | | | _ | 6 B | | | |
| | | | Benzene | (total) | TPH | GRO+DRO | Chloride |
| Sample ID | Depth (ft.) | Date | (mk/kg) | (mk/kg) | (mk/kg) | (mk/kg) | (mk/kg) |
| | osure Criter | 1 | 10 | 50 | 2500 | 1000 | 20000 |
| CONF01 | 0 | 3/18/2022 | ND | ND | 220 | 220 | 3210 |
| CONF02 | 0 | 3/18/2022 | ND | ND | ND | ND | 4340 |
| CONF03 | 0 | 3/18/2022 | ND | ND | ND | ND | 3010 |
| CONF04 | 0 | 3/18/2022 | ND | ND | ND | ND | 2360 |
| CONF05 | 0 | 3/18/2022 | ND | ND | ND | ND | 8070 |
| CONF06 | 0 | 3/18/2022 | ND | ND | ND | ND | 17500 |
| CONF07 | 0 | 3/18/2022 | ND | ND | ND | ND | 13100 |
| CONF08 | 0 | 3/18/2022 | ND | ND | 28.1 | 28.1 | 1230 |
| CONF09 | 0 | 3/18/2022 | ND | ND | 25.9 | 25.9 | 3160 |
| CONF10 | 0 | 3/18/2022 | ND | ND | ND | ND | 2540 |
| CONF11 | 0 | 3/18/2022 | ND | ND | 127.5 | 127.5 | 14000 |
| CONF12 | 0 | 3/18/2022 | ND | ND | ND | ND | 639 |
| CONF13 | 0 | 3/18/2022 | ND | ND | 215.2 | 215.2 | 4680 |
| CONF14 | 0 | 3/18/2022 | ND | ND | ND | ND | 5330 |
| CONF15 | 0 | 3/18/2022 | ND | ND | ND | ND | 3170 |
| CONF16 | 0 | 3/18/2022 | ND | ND | ND | ND | 8790 |
| CONF17 | 0 | 3/18/2022 | ND | ND | ND | ND | 7050 |
| CONF18 | 0 | 3/18/2022 | ND | ND | 380.4 | 380.4 | 4520 |
| CONF19 | 0 | 3/18/2022 | ND | ND | ND | ND | 12600 |
| CONF20 | 0 | 3/18/2022 | ND | ND | ND | ND | 4170 |
| CONF21 | 0 | 3/18/2022 | ND | ND | ND | ND | 5050 |
| CONF22 | 0 | 3/18/2022 | ND | ND | ND | ND | 4300 |
| CONF23 | 0 | 3/18/2022 | ND | ND | 42.2 | 42.2 | 2370 |
| CONF24 | 0 | 3/18/2022 | ND | ND | 44.1 | 44.1 | 7600 |
| | | 1 9 1 | | <u> </u> | 1' D | <u> </u> | |
| BTEX — Benzene, Toluene, Ethylene, Xylene GRO — Gasoline Range Organics | | | | e Organics | | | |
| DRO — Diesel Range Organics | | | | ND — Non | | | |
| ft. — Feet mg/kg — Milligrams per Kilogram | | | | | | | |
| TPH — Total Petroleum Hydrocarbons | | | | | | | |
| Notes | | | | | | | |
| | ults are above | | 1 | | | | |
| Gray Highlight - Background Samples | | | | | | | |

Energizing America wescominc.com | info@wescominc.com | 218-724-1322

| Nor | th Bell L | ake Uni | t 4 #15 | SWD | nAP | P2200646 | 5019 |
|--|------------------|------------------|-----------|-------------|--------------|-------------|---------------|
| | Kaise | er-Francis | s Oil Con | npany | 01.05 | .2022 | |
| Table 2. Laboratory Analysis Results: Confirmation Samples | | | | | | | |
| Sam | ple Descrip | tion | Pet | roleum ł | Hydrocar | bons | Inorganic |
| | | | Vola | tile | Extr | actable | |
| | | | | BTEX | | | |
| | | | D | (1 - 1 - 1) | TDU | | Children inte |
| | | . . | Benzene | (total) | TPH | GRO+DRO | Chloride |
| Sample ID | Depth (ft.) | Date | (mk/kg) | (mk/kg) | (mk/kg) | (mk/kg) | (mk/kg) |
| | osure Criter | - | 10 | 50 | 2500 | 1000 | 20000 |
| CONF25 | 0 | 3/18/2022 | ND | ND | ND | ND | 12700 |
| CONF26 | 0 | 3/18/2022 | ND | ND | 28.8 | 28.8 | 15300 |
| CONF27 | 0 | 3/18/2022 | ND | ND | ND | ND | 9300 |
| CONF28 | 0 | 3/18/2022 | ND | ND | 2023 | 2023 | 12800 |
| CONF28A | 0 | 3/29/2022 | ND | ND | 41 | 41 | 948 |
| CONF29 | 0 | 3/18/2022 | ND | ND | 317 | 317 | 13000 |
| CONF30 | 0 | 3/18/2022 | ND | ND | 1131 | 1131 | 9150 |
| CONF30A | 0 | 3/29/2022 | ND | ND | ND | ND | 1440 |
| CONF31 | 0 | 3/18/2022 | ND | ND | ND | ND | 5710 |
| CONF32 | 0 | 3/18/2022 | ND | ND | 1310 | 1310 | 5200 |
| CONF32B | 0.5 | 3/29/2022 | ND | ND | 130.4 | 53.2 | 279 |
| CONF33 | 0 | 3/18/2022 | ND | ND | ND | ND | 8020 |
| CONF34 | 0 | 3/18/2022 | ND | ND | ND | ND | 9560 |
| CONF35 | 0 | 3/18/2022 | ND | ND | 34.4 | 34.4 | 5330 |
| CONF36 | 0 | 3/18/2022 | ND | ND | 795 | 795 | 4950 |
| CONF37 | 4 | 3/18/2022 | ND | ND | ND | ND | 785 |
| CONF38 | 4 | 3/18/2022 | ND | ND | 28 | 28 | 1490 |
| ABBREVIAT | IONS | | | | | | |
| BTEX — Benzer | ne, Toluene, Etł | | GRO — Ga | soline Rang | e Organics | | |
| DRO — Diesel Range Organics ND — Non-dete | | | | -detect | | | |
| ft. — Feet | | | | mg/kg — N | Ailligrams p | er Kilogram | |
| TPH — Total Petroleum Hydrocarbons | | | | | | | |
| Notes | | | | | | | |
| Bold Red - Res | ults are above o | closure criteria | 1 | | | | |
| Gray Highlight | - Background S | amples | | | | | |



North Bell Lake Unit 4 #15 SWD | Incident ID: nAPP2200646019

ATTACHMENT A

Signed C-141



District 1 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 | nAPP2200646019 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party: Kaiser-Francis Oil Company | OGRID 12361 |
|--|---|
| Contact Name: Aaron Daniels | Contact Telephone: 918-491-4352 |
| Contact email: aarond@kfoc.net | Incident # (assigned by OCD) nAPP2200646019 |
| Contact mailing address: 6733 S. Yale, Tulsa, OK 74136 | |

Location of Release Source

Latitude 32.3173599

Longitude -103.4942551

(NAD 83 in decimal degrees to 5 decimal places)

| Site Name: North Bell Lake Unit 4 #15 SWD | Site Type: SWD |
|---|-----------------------------------|
| Date Release Discovered: 1/05/2022 | API# (if applicable) 30-025-24771 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| K | 08 | 238 | 34E | Lea |

Surface Owner: State Federal Tribal Private (Name: Limestone Basin Properties)

Nature and Volume of Release

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

| Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
|------------------|--|---|
| Produced Water | Volume Released (bbls) 29 | Volume Recovered (bbls) 15 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | Yes No |
| Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| 🗌 Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |
| Cause of Release | | |

Freezing temperatures for the previous 1-2 days caused a 4" brass ball valve on the load line to separate at the threaded portion.

| <i>eceived by OCD: 6/10/2022 10:47:32 AM</i> orm C-141 State of New Mexico | | | Page 16 |
|---|--|---------------------------------|-----------------------|
| | Oil Conservation Division | Incident ID | nAPP2200646019 |
| ge 2 | On Conservation Division | District RP | |
| | | Facility ID | |
| | | Application ID | |
| Was this a major release as defined by 19.15.29.7(A) NMAC? | If YES, for what reason(s) does the responsible party Quantity released was greater than 25 bbls. | y consider this a major release | } |
| 🛛 Yes 🗌 No | | | |
| If YES, was immediate (phone, email, etc)? 1/6// | notice given to the OCD? Yes. By whom? Aaron D 22 via NOR. | vaniels. To whom? NMOCD. | When and by what mean |
| | | | |
| | | | |
| L | Initial Response | e | |

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berns or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

| Printed Name: Aaron Daniels | Title: Sr. ENS Representative |
|-----------------------------|-------------------------------|
| Signature. | S H |
| | |

email: aarond@kfoc.net

Telephone: 918-491-4352

OCD Only

Received by:

Date: _____

Received by OCD: 6/10/2022 10:47:32 AM Form C-141 State of New Mexico

Oil Conservation Division

| | Page 1 / 0J 13 |
|----------------|----------------|
| Incident ID | nAPP2200646019 |
| 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? | <u>>110 (</u> ft bgs) |
|---|--------------------------|
| Did this release impact groundwater or surface water? | |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of a wetland? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release overlying a subsurface mine? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within a 100-year floodplain? | 🗌 Yes 🛛 No |
| Did the release impact areas not on an exploration, development, production, or storage site? | 🗌 Yes 🛛 No |

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- \square 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.

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Page 3

| Form C-141 | State of New Mexico | ſ | Incident ID nAPP2200646019 | |
|--|---|--|---|---|
| Page 4 | Oil Conservation Division | | District RP | |
| | | 1 | Facility ID | |
| | | | Application ID | |
| regulations all operators are public health or the environm failed to adequately investige | rmation given above is true and complete to the be required to report and/or file certain release notifinent. The acceptance of a C-141 report by the OC ate and remediate contamination that pose a thread f a C-141 report does not relieve the operator of re | cations and perform corre CD does not relieve the op t to groundwater, surface | ective actions for religions for religions for religion of liability shows the second state of the second | eases which may endanger hould their operations have h or the environment. In |
| OCD Only | | | | |
| Received by: | | Date: | | |
| | | | | |

,

State of New Mexico Oil Conservation Division

| Incident ID | nAPP2200646019 |
|----------------|----------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

Description of remediation activities

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

Printed Name: Aaron Daniels Signature:

email: aarond@kfoc.net

Title: EHS Manager

Date: 6//0

Telephone: 918-491-4352

OCD Only

Received by:

Date:

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

| Closure Approved by: | Date: 06/14/2022 |
|------------------------------|-----------------------------------|
| Printed Name: Jennifer Nobui | Title: Environmental Specialist A |

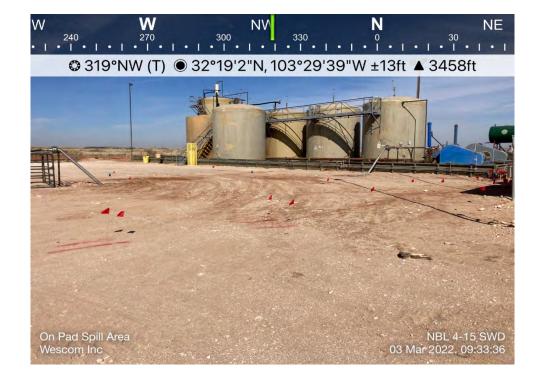
ATTACHMENT B

Site Photos

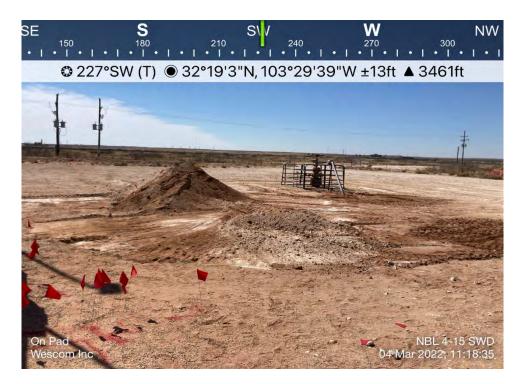


Bell Lake Unit North 4 #15 SWD Incident ID: NAPP2200646019





Spill Area



Scrape Area

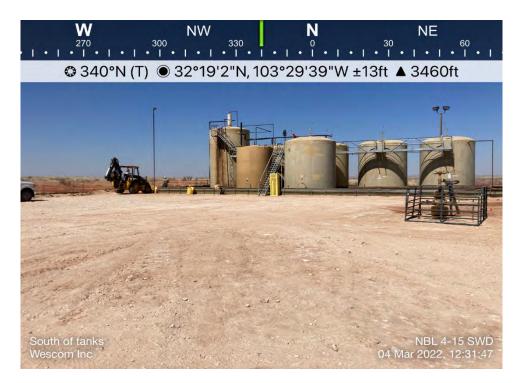
Page 1 of 6

Bell Lake Unit North 4 #15 SWD Incident ID: NAPP2200646019





Scrape Area



Scrape Area

Page 2 of 6

Bell Lake Unit North 4 #15 SWD Incident ID: NAPP2200646019





Scrape Area - West of Tanks



Contaminated Soil Removal

Page 3 of 6

Bell Lake Unit North 4 #15 SWD Incident ID: NAPP2200646019





Contaminated Soil Removed



Confirmation Sampling

Page 4 of 6

Bell Lake Unit North 4 #15 SWD Incident ID: NAPP2200646019





Confirmation Sampling



Confirmation Sampling

Page 5 of 6

Bell Lake Unit North 4 #15 SWD Incident ID: NAPP2200646019





Excavation & Resampling 3 Areas at Load Lines



Excavation & Resampling 3 Areas at Load Lines

Page 6 of 6

ATTACHMENT C

Closure Criteria Supporting Documents

Energizing America wescominc.com | info@wescominc.com | 218-724-1322

North Bell Lake Unit 4 #15 SWD

Distance to nearest Depth to Water point = 0.68 miles

Legend

CP-1886-POD1 - DTW = >110 ft

Page 28 of 156

- Distance = 0.68 miles
- North Bell Lake Unit 4 #15 SWD

CP-1886-POD1 - DTW = >110 ft

North Bell Lake Unit 4 #15 SWD

5-11

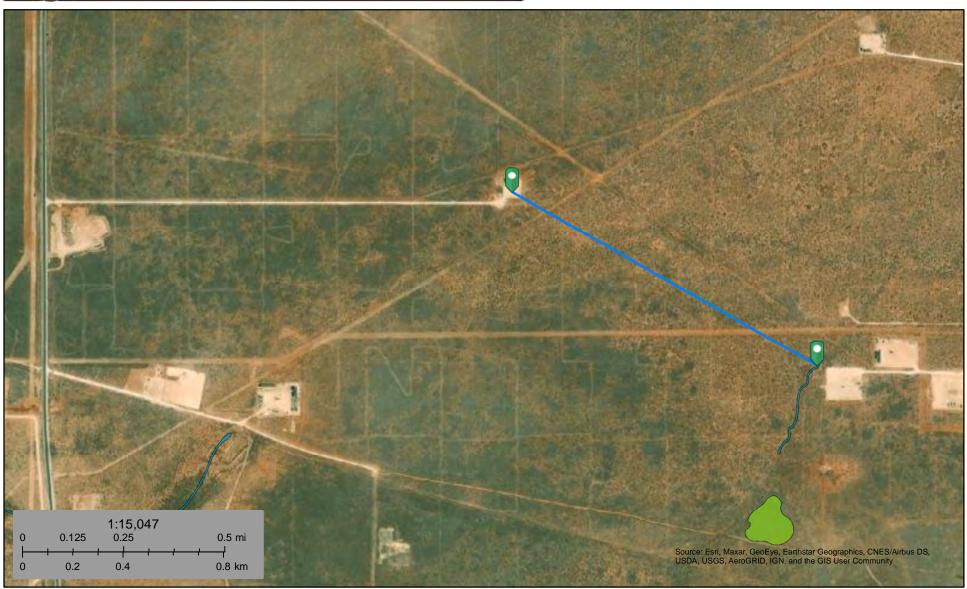


N

U.S. Fish and Wildlife Service

National Wetlands Inventory

Page 29 of 156



March 18, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

Released to Imaging: 6/14/2022 10:47:26 AM

- Freshwater Forested/Shrub Wetland

Freshwater Emergent Wetland

Freshwater Pond

Lake Other Riverine

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

Wetlands Mapper web site.

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

U.S. Fish and Wildlife Service

National Wetlands Inventory

Page 30 of 156



March 18, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Forested/Shrub Wetland **Freshwater Pond**

Freshwater Emergent Wetland

Lake Other Riverine

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

Released to Imaging: 6/14/2022 10:47:26 AM

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

National Wetlands Inventory

NBL Unit 4 #15 SWD - FW Pond 1.9 miles

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March 18, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland

Freshwater Emergent Wetland

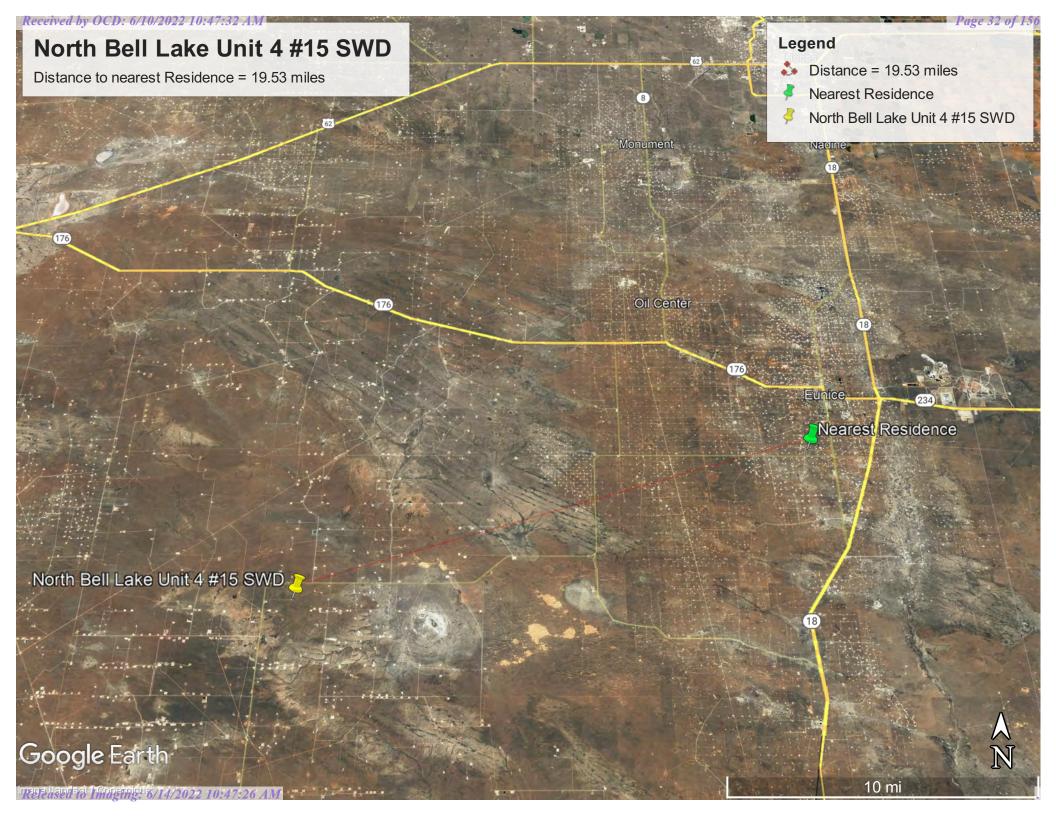
Freshwater Pond

Lake Other Riverine

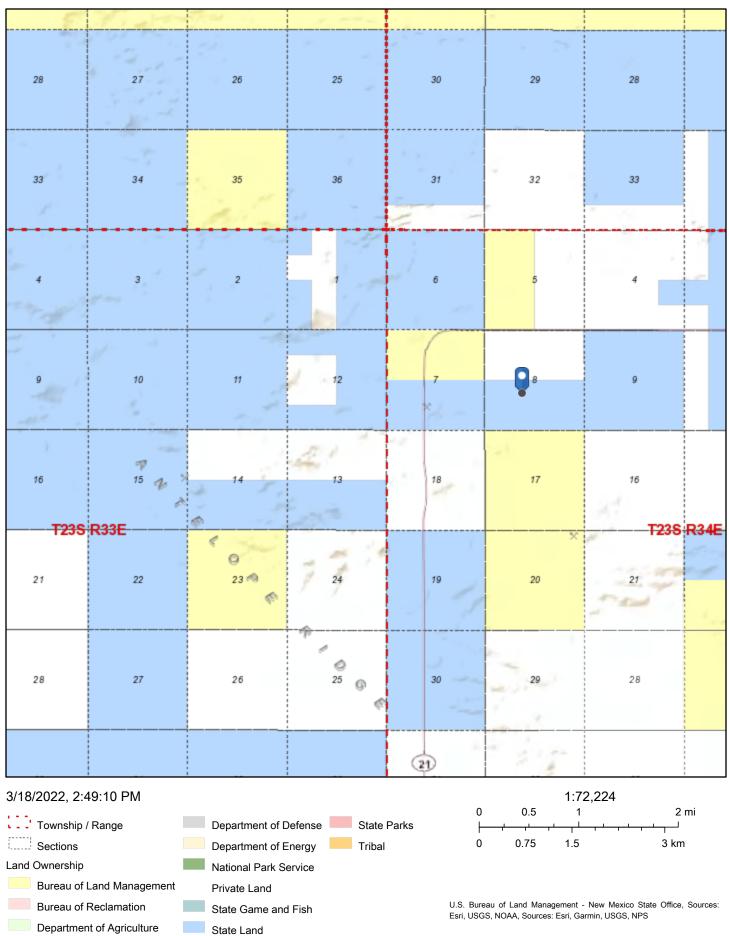
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Released to Imaging: 6/14/2022 10:47:26 AM

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



Active Mines Near NBL Unit 4 #15 SWD



EMNRD MMD GIS Coordinator

ATTACHMENT D

Karst Map



North Bell Lake Unit 4 #15 SWD

Karst Potential = Low

 Page 35 of 150

 ●
 01 Low

 ●
 02 Medium

 ●
 03 High

 North Bell Lake Unit 4 #15 SWD

North Bell Lake Unit 4 #15 SWD 2



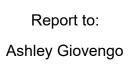


N

ATTACHMENT E

Envirotech Inc. Laboratory Analysis Reports

Energizing America wescominc.com | info@wescominc.com | 218-724-1322





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name:

NBL 4-15 SWD

Work Order: E201040

Job Number: 21022-0001

Received: 1/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/20/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 1/20/22

Ashley Giovengo 1224 Standpipe Rd Carlsbad, NM 88220

Project Name: NBL 4-15 SWD Workorder: E201040 Date Received: 1/13/2022 10:53:00AM

Ashley Giovengo,





Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/13/2022 10:53:00AM, under the Project Name: NBL 4-15 SWD.

The analytical test results summarized in this report with the Project Name: NBL 4-15 SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227)

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | Sample Sum | mai y | | |
|----------------------------|---------------|------------------|-----------------|----------|------------------|
| Kaiser Francis Oil Company | | Project Name: | NBL 4-15 SWD | | Reported: |
| 1224 Standpipe Rd | | Project Number: | 21022-0001 | | Keporteu. |
| Carlsbad NM, 88220 | | Project Manager: | Ashley Giovengo | | 01/20/22 09:43 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| SS01-2' | E201040-01A | Soil | 01/11/22 | 01/13/22 | Glass Jar, 4 oz. |
| SS02-2' | E201040-02A | Soil | 01/11/22 | 01/13/22 | Glass Jar, 4 oz. |
| SS03A-0' | E201040-03A | Soil | 01/11/22 | 01/13/22 | Glass Jar, 4 oz. |
| SS04-0' | E201040-04A | Soil | 01/11/22 | 01/13/22 | Glass Jar, 4 oz. |
| SS05-0' | E201040-05A | Soil | 01/11/22 | 01/13/22 | Glass Jar, 4 oz. |
| SS06B-0' | E201040-06A | Soil | 01/11/22 | 01/13/22 | Glass Jar, 4 oz. |
| BG01-0' | E201040-07A | Soil | 01/11/22 | 01/13/22 | Glass Jar, 4 oz. |
| BG01-1' | E201040-08A | Soil | 01/11/22 | 01/13/22 | Glass Jar, 4 oz. |
| | | | | | |



| Kaiser Francis Oil Company | Project Name | : NBI | L 4-15 SWD | | | |
|--|---------------------------|------------|--------------|----------|----------|---------------------|
| 1224 Standpipe Rd | Project Number: 21022-000 | | 22-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Giovengo | | | 1/20/2022 9:43:39AN |
| | | SS01-2' | | | | |
| | | E201040-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2203030 |
| Benzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Toluene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| p-Xylene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/14/22 | 01/19/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 95.9 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2203030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 102 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: JL | | Batch: 2203031 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/14/22 | 01/15/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/14/22 | 01/15/22 | |
| Surrogate: n-Nonane | | 107 % | 50-200 | 01/14/22 | 01/15/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2204003 |
| Chloride | 265 | 20.0 | 1 | 01/17/22 | 01/17/22 | |
| | | | | | | |

Sample Data



| | D. | ampie D | ata | | | |
|---|--|------------|---------------------------------------|----------|----------|---|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | Project Name: Project Numb Project Manag | er: 2102 | 2 4-15 SWD 22-0001 ley Giovengo | | | Reported: 1/20/2022 9:43:39AM |
| | | SS02-2' | | | | |
| | | E201040-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2203030 |
| Benzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Toluene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| p-Xylene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 01/14/22 | 01/19/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 97.0 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: RKS | | Batch: 2203030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 103 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | :g Analyst: JL | | | Batch: 2203031 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/14/22 | 01/15/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/14/22 | 01/15/22 | |
| Surrogate: n-Nonane | | 104 % | 50-200 | 01/14/22 | 01/15/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2204003 |
| Chloride | 74.4 | 20.0 | 1 | 01/17/22 | 01/17/22 | |

| | 5 | ample D | ลเล | | | |
|--|---------------|------------|--------------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | NBI | 4-15 SWD | | | |
| 1224 Standpipe Rd | Project Numb | er: 2102 | 22-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Giovengo | | | 1/20/2022 9:43:39AM |
| | | SS03A-0' | | | | |
| | | E201040-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: RKS | | Batch: 2203030 |
| Benzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Toluene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| o-Xylene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 01/14/22 | 01/19/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 96.5 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2203030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 102 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: JL | | Batch: 2203031 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/14/22 | 01/15/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/14/22 | 01/15/22 | |
| Surrogate: n-Nonane | | 84.1 % | 50-200 | 01/14/22 | 01/15/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2204003 |
| Chloride | 96.3 | 20.0 | 1 | 01/17/22 | 01/17/22 | |



| | | SS04-0' | | | | |
|--|--------|------------|---------|-------------|----------|----------------|
| | | E201040-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | | mg/kg | Aı | nalyst: RKS | | Batch: 2203030 |
| Benzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Toluene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| o-Xylene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/14/22 | 01/19/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 96.5 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Aı | nalyst: RKS | | Batch: 2203030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 103 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Aı | nalyst: JL | | Batch: 2203031 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/14/22 | 01/15/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/14/22 | 01/15/22 | |
| Surrogate: n-Nonane | | 62.9 % | 50-200 | 01/14/22 | 01/15/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Aı | nalyst: RAS | | Batch: 2204003 |
| Chloride | 330 | 20.0 | 1 | 01/17/22 | 01/17/22 | |

| | 5 | ample D | ala | | | |
|--|---------------|------------|-------------------|-----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | NBI | 4-15 SWD | | | |
| 1224 Standpipe Rd | Project Numbe | er: 2102 | 22-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ey Giovengo | | | 1/20/2022 9:43:39AM |
| | | SS05-0' | | | | |
| | | E201040-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2203030 |
| Benzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Toluene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| o-Xylene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 01/14/22 | 01/19/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 96.1 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: RKS | | | Batch: 2203030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 103 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: JL | | | Batch: 2203031 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/14/22 | 01/15/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/14/22 | 01/15/22 | |
| Surrogate: n-Nonane | | 104 % | 50-200 | 01/14/22 | 01/15/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: RAS | | Batch: 2204003 |
| Chloride | 134 | 20.0 | 1 | 01/17/22 | 01/17/22 | |



Sample Data

| | 5 | ample D | ala | | | |
|--|--------------|------------|-------------------|-----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name | :: NBI | 4-15 SWD | | | |
| 1224 Standpipe Rd | Project Numb | ber: 2102 | 22-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Mana | ger: Ash | ley Giovengo | | | 1/20/2022 9:43:39AM |
| | | SS06B-0' | | | | |
| | | E201040-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: RKS | | Batch: 2203030 |
| Benzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Toluene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| p-Xylene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 01/14/22 | 01/19/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 98.2 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2203030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 103 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: JL | | | Batch: 2203031 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/14/22 | 01/15/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/14/22 | 01/15/22 | |
| Surrogate: n-Nonane | | 96.3 % | 50-200 | 01/14/22 | 01/15/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2204003 |
| Chloride | 201 | 20.0 | 1 | 01/17/22 | 01/17/22 | |



| | 2 | ample D | ลเล | | | |
|--|--------------|------------|--------------|-----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name | e: NBI | L 4-15 SWD | | | |
| 1224 Standpipe Rd | Project Numl | ber: 2102 | 22-0001 | Reported: | | |
| Carlsbad NM, 88220 | Project Mana | iger: Ash | ley Giovengo | | | 1/20/2022 9:43:39AM |
| | | BG01-0' | | | | |
| | | E201040-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: RKS | | Batch: 2203030 |
| Benzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Toluene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| p-Xylene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 01/14/22 | 01/19/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 97.4 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2203030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 103 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: JL | | Batch: 2203031 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/14/22 | 01/15/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/14/22 | 01/15/22 | |
| Surrogate: n-Nonane | | 94.4 % | 50-200 | 01/14/22 | 01/15/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: RAS | | Batch: 2204003 |
| Chloride | ND | 20.0 | 1 | 01/17/22 | 01/17/22 | |
| | | | | | | |



| | 3 | ample D | ลเล | | | |
|--|---------------|------------|----------------|------------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | NBI | 4-15 SWD | | | |
| 1224 Standpipe Rd | Project Numb | er: 2102 | 22-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Giovengo | | | 1/20/2022 9:43:39AM |
| | | BG01-1' | | | | |
| | | E201040-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | An | alyst: RKS | | Batch: 2203030 |
| Benzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Toluene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| p-Xylene | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/14/22 | 01/19/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 96.5 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | g Analyst: RKS | | | Batch: 2203030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/14/22 | 01/19/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 103 % | 70-130 | 01/14/22 | 01/19/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | An | alyst: JL | | Batch: 2203031 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 01/14/22 | 01/15/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 01/14/22 | 01/15/22 | |
| Surrogate: n-Nonane | | 102 % | 50-200 | 01/14/22 | 01/15/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | An | alyst: RAS | | Batch: 2204003 |
| Chloride | ND | 20.0 | 1 | 01/17/22 | 01/17/22 | |
| | | | | | | |



QC Summary Data

| Kaiser Francis Oil Company | | Project Name: | N | BL 4-15 SWD |) | | | | Reported: |
|-------------------------------------|--------|--------------------|----------------|------------------|------------|---------------|-------------|--------------|---------------------|
| 1224 Standpipe Rd | | Project Number: | 21 | 1022-0001 | | | | | |
| Carlsbad NM, 88220 | | Project Manager: | Α | shley Gioveng | <u>;</u> 0 | | | | 1/20/2022 9:43:39AM |
| | | Volatile O | rganics l | 1B | | | | Analyst: RKS | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2203030-BLK1) | | | | | | | Prepared: 0 | 1/14/22 A | Analyzed: 01/19/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Fotal Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.65 | | 8.00 | | 95.6 | 70-130 | | | |
| LCS (2203030-BS1) | | | | | | | Prepared: 0 | 1/14/22 A | Analyzed: 01/19/22 |
| Benzene | 4.66 | 0.0250 | 5.00 | | 93.2 | 70-130 | | | |
| Ethylbenzene | 4.91 | 0.0250 | 5.00 | | 98.1 | 70-130 | | | |
| Toluene | 5.06 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| o-Xylene | 4.84 | 0.0250 | 5.00 | | 96.8 | 70-130 | | | |
| o,m-Xylene | 9.96 | 0.0500 | 10.0 | | 99.6 | 70-130 | | | |
| Total Xylenes | 14.8 | 0.0250 | 15.0 | | 98.7 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.72 | | 8.00 | | 96.4 | 70-130 | | | |
| Matrix Spike (2203030-MS1) | | | | Source: | E201050- | 03 | Prepared: 0 | 1/14/22 A | Analyzed: 01/19/22 |
| Benzene | 4.68 | 0.0250 | 5.00 | ND | 93.6 | 54-133 | | | |
| Ethylbenzene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 61-133 | | | |
| Toluene | 5.09 | 0.0250 | 5.00 | ND | 102 | 61-130 | | | |
| o-Xylene | 4.91 | 0.0250 | 5.00 | ND | 98.2 | 63-131 | | | |
| ,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 63-131 | | | |
| Fotal Xylenes | 15.0 | 0.0250 | 15.0 | ND | 99.9 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.92 | | 8.00 | | 99.0 | 70-130 | | | |
| Matrix Spike Dup (2203030-MSD1) | | | | Source: | E201050- | 03 | Prepared: 0 | 1/14/22 A | Analyzed: 01/19/22 |
| Benzene | 4.68 | 0.0250 | 5.00 | ND | 93.6 | 54-133 | 0.0331 | 20 | |
| Ethylbenzene | 4.93 | 0.0250 | 5.00 | ND | 98.6 | 61-133 | 0.618 | 20 | |
| Toluene | 5.07 | 0.0250 | 5.00 | ND | 101 | 61-130 | 0.439 | 20 | |
| o-Xylene | 4.87 | 0.0250 | 5.00 | ND | 97.4 | 63-131 | 0.784 | 20 | |
| o,m-Xylene | 10.0 | 0.0500 | 10.0 | ND | 100 | 63-131 | 0.685 | 20 | |
| | | | | | | | | | |



QC Summary Data

| | | $\chi \cup \sim$ | | | • | | | | |
|---|--------|--------------------|----------------|------------------|---------|---------------|-------------|--------------|---------------------|
| Kaiser Francis Oil Company | | Project Name: | | BL 4-15 SWD | | | | | Reported: |
| 1224 Standpipe Rd | | Project Number: | 21 | 1022-0001 | | | | | |
| Carlsbad NM, 88220 | | Project Manager: | Α | shley Giovengo |) | | | | 1/20/2022 9:43:39AM |
| | Noi | nhalogenated O | rganics | by EPA 801 | 5D - Gl | RO | | | Analyst: RKS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2203030-BLK1) | | | | | | | Prepared: 0 | 1/14/22 A | analyzed: 01/19/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.23 | | 8.00 | | 103 | 70-130 | | | |
| LCS (2203030-BS2) | | | | | | | Prepared: 0 | 1/14/22 A | analyzed: 01/19/22 |
| Gasoline Range Organics (C6-C10) | 51.8 | 20.0 | 50.0 | | 104 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.50 | | 8.00 | | 106 | 70-130 | | | |
| Matrix Spike (2203030-MS2) | | | | Source: E | 201050- | 03 | Prepared: 0 | 1/14/22 A | analyzed: 01/19/22 |
| Gasoline Range Organics (C6-C10) | 52.6 | 20.0 | 50.0 | ND | 105 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.25 | | 8.00 | | 103 | 70-130 | | | |
| Matrix Spike Dup (2203030-MSD2) | | | | Source: E | 201050- | 03 | Prepared: 0 | 1/14/22 A | analyzed: 01/19/22 |
| Gasoline Range Organics (C6-C10) | 51.9 | 20.0 | 50.0 | ND | 104 | 70-130 | 1.41 | 20 | |
| | | | | | | | | | |

QC Summary Data

| | | QC BI | u1111116 | ary Data | | | | | |
|---|-----------------|--|-------------------------|--|----------|--------------------|-------------|-------------------|---|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | IBL 4-15 SWD 1022-0001 .shley Giovengo | | | | | Reported: 1/20/2022 9:43:39AM |
| | Nonh | alogenated Orga | anics by | EPA 8015D | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| | | | | | | | | | |
| Blank (2203031-BLK1) | | | | | | | Prepared: 0 | 1/14/22 A | analyzed: 01/15/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 55.6 | | 50.0 | | 111 | 50-200 | | | |
| LCS (2203031-BS1) | | | | | | | Prepared: 0 | 1/14/22 A | analyzed: 01/15/22 |
| Diesel Range Organics (C10-C28) | 546 | 25.0 | 500 | | 109 | 38-132 | | | |
| Surrogate: n-Nonane | 55.3 | | 50.0 | | 111 | 50-200 | | | |
| Matrix Spike (2203031-MS1) | | | | Source: E | 201040- | 01 | Prepared: 0 | 1/14/22 A | analyzed: 01/15/22 |
| Diesel Range Organics (C10-C28) | 482 | 25.0 | 500 | ND | 96.4 | 38-132 | | | |
| Surrogate: n-Nonane | 44.9 | | 50.0 | | 89.8 | 50-200 | | | |
| Matrix Spike Dup (2203031-MSD1) | | | | Source: E | 201040- | 01 | Prepared: 0 | 1/14/22 A | analyzed: 01/15/22 |
| Diesel Range Organics (C10-C28) | 540 | 25.0 | 500 | ND | 108 | 38-132 | 11.4 | 20 | |
| Surrogate: n-Nonane | 53.1 | | 50.0 | | 106 | 50-200 | | | |



QC Summary Data

| | | | | | - | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|--------------------|---------------|-------------|--------------|---------------------|
| Kaiser Francis Oil Company | | Project Name: | N | BL 4-15 SWD | | | | | Reported: |
| 1224 Standpipe Rd | | Project Number: | 2 | 1022-0001 | | | | | - |
| Carlsbad NM, 88220 | | Project Manager: | А | shley Giovengo | Э | | | | 1/20/2022 9:43:39AN |
| | | Anions | by EPA 3 | 300.0/9056A | | | | | Analyst: RAS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2204003-BLK1) | | | | | | | Prepared: 0 | 1/17/22 | Analyzed: 01/17/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2204003-BS1) | | | | | | | Prepared: 0 | 1/17/22 | Analyzed: 01/17/22 |
| Chloride | 254 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2204003-MS1) | | | | Source: I | E 201040- (| 02 | Prepared: 0 | 1/17/22 | Analyzed: 01/17/22 |
| Chloride | 332 | 20.0 | 250 | 74.4 | 103 | 80-120 | | | |
| Matrix Spike Dup (2204003-MSD1) | | | | Source: I | E 201040- | 02 | Prepared: 0 | 1/17/22 | Analyzed: 01/17/22 |
| Chloride | 330 | 20.0 | 250 | 74.4 | 102 | 80-120 | 0.433 | 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.



| Kaiser Francis Oil Company | Project Name: | NBL 4-15 SWD | |
|----------------------------|------------------|-----------------|----------------|
| 1224 Standpipe Rd | Project Number: | 21022-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 01/20/22 09:43 |

| ND | Analyte NOT DETECTED a | at or above the reporting limit |
|------|---------------------------|---------------------------------|
| 1.12 | . mary to rior bbrborbb a | a of acove ane reporting mint |

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.



| Kaiser Francis Oil Co ENBL 4-15 SWP | | - | | 12 | hlls | e On | ly | | - | | | | | | flez Lof |
|---|-------------------------------|--------------------|-----------------|-------------------|----------|-----------------|------------|--------------------------|-----------|----------|-----------|---------|----------------|----------------|-----------------|
| t Manager: A sh ley Giovago ss: 1224 Standpipe Rd City, State, Zip Carlsbud VA | 1 88220 | Lab | wo# | 940 | > | Job | Num | ber - 006 nd Metho | | 2D | T/ 3D | | andard X | EPA P CWA | SDWA |
| <u>Edue by:</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> <u>Date</u> | 11 Somine Com | DRO/ORO by \$015 | GRO/DRO by 8015 | 3021 - | 260 | | 300.0 | | WN | | | | | State UT AZ | RCRA |
| ed Sampled Matrix No. of Containers Sample ID | Lab Number | DRO/OR | GRO/DRO | BTEX by 8021 | VOC by 8 | Metals 6010 | Chloride 3 | | BGDOC 1 | BGDOC TX | | | | Remarks | <u> </u> |
| 21/11/22 50il 1 Jan 5501-2' | 1 | | | | | | | | X | | | | i | | |
| 8 5902-2! | 2 | | | | | | | | + | | | 0 | | .(| |
| 6 5503A-0' | 3 | | | | | 1 | | | + | - | - | • | <u> </u> | | |
| 8 5504-01 | 4 | ŝ. | | | | | | | X | - | - | | | | |
| 2 5505-0' | 5 | | | | | | - | • | V | - | | | | | |
| 57 5406B-0' | 4 | | | | | - | - | | T | - | - | - | | | |
| 3 B.GOI-0' | 7 | - | | | | - | | | 1 | ÷ | - | - | | | |
| 14 1. BG01-1' | 8 | | | | | | - | | T | - | - | | | | _ |
| • | | | 1 | | | | - | | | - | - | | | | |
| | | | | | | - | - | | | - | | - | 1 | | |
| ional Instructions: Shar, har vester@ wescomine.com case (C) cule. Surton@ mescomine.com | | | <u> </u> | | | | | | - | | | _ | | | |
| time of collection is considered fraud and may be grounds for legal action | nislabelling the samp | 2 h | ation, |) (| ce | Sampl | les requ | Iring therma | preserva | ation m | ust be re | ceived | on Ice the day | they are samp | oled or receive |
| Jished by: (Signature) Date Time Received by: (Signature) | Date 1.12. | żz | Time | 45 | 51. | | | l on ice: | np above | o but l | lse Ot | 6 °C on | n subsequent d | eys. | |
| Lished by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) | v 1/13/ Date | 22 | Time 10 | 15 | 3 | <u>T1</u> | | | <u>T2</u> | | | | <u>T8</u> | | |
| Matrix: S - Soil, Sd - Solid, Sr - Studge, A - Anuppur, D. Other | | | | | | AVG | G Ten | np °C | 4 | | | | | | |
| Samples are discarded 30 days after results are reported unless other arrangements are made. Haze es is applicable only to those samples received by the laboratory with this COC. The liability of the lab | Containe ardous samples wi | r Type ill be r | eturne | glass, ed to c | p - p | oly/p or dis | lastic | , ag - am of at the | ber gla | ISS, V | - VOA | | , , | | |

Envirotech Analytical Laboratory

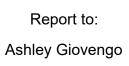
Sample Receipt Checklist (SRC)

| Client: | Kaiser Francis Oil Company | Date Received: | 01/13/22 | 10:53 | Work Order ID: | E201040 |
|---------------|--|-------------------|----------|---------------------|----------------|-------------------|
| hone: | (505) 382-1211 | Date Logged In: | 01/12/22 | 15:20 | Logged In By: | Caitlin Christian |
| Email: | ashley.giovengo@wescominc.com | Due Date: | 01/19/22 | 17:00 (4 day TAT) | | |
| Chain o | of Custody (COC) | | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | | |
| 2. Does | the number of samples per sampling site location ma | tch the COC | Yes | | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: UPS | | |
| 4. Was t | he COC complete, i.e., signatures, dates/times, reque | sted analyses? | Yes | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi | | Yes | | Commen | ts/Resolution |
| <u>Sample</u> | <u>Turn Around Time (TAT)</u> | | | | | |
| 6. Did tl | he COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| Sample | Cooler | | | | | |
| 7. Was a | a sample cooler received? | | Yes | | | |
| 8. If yes | s, was cooler received in good condition? | | Yes | | | |
| 9. Was t | he sample(s) received intact, i.e., not broken? | | Yes | | | |
| 10. Wer | e custody/security seals present? | | No | | | |
| 11. If ye | es, were custody/security seals intact? | | NA | | | |
| 12. Was 1 | the sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling | | Yes | | | |
| 13. If no | o visible ice, record the temperature. Actual sample | e temperature: 4° | с | | | |
| | Container | · · · · · · · · · | | | | |
| | aqueous VOC samples present? | | No | | | |
| | VOC samples collected in VOA Vials? | | NA | | | |
| | he head space less than 6-8 mm (pea sized or less)? | | NA | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | | |
| | non-VOC samples collected in the correct containers | ? | Yes | | | |
| | e appropriate volume/weight or number of sample contai | | Yes | | | |
| Field La | abel | | | | | |
| 20. Wer | e field sample labels filled out with the minimum info | ormation: | | | | |
| i | Sample ID? | | Yes | | | |
| | Date/Time Collected? | | Yes | | | |
| | Collectors name? | | No | | | |
| | Preservation | recorrigid? | No | | | |
| | s the COC or field labels indicate the samples were p sample(s) correctly preserved? | 10501 1001 | No NA | | | |
| | b filteration required and/or requested for dissolved r | netals? | NA | | | |
| | • • | | INU | | | |
| | hase Sample Matrix | | . | | | |
| | s the sample have more than one phase, i.e., multiphates, does the COC specify which phase(s) is to be analian | | No | | | |
| 21. II ye | | yzeu: | NA | | | |
| • | tract Laboratory | | | | | |
| | | | _ | | | |
| 28. Are | samples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and i | | No NA | Subcontract Lab: na | | |

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



•





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name:

NBL Unit 4-15 SWD

Work Order: E203068

Job Number: 21022-0001

Received: 3/10/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/18/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 3/18/22

Ashley Giovengo 1224 Standpipe Rd Carlsbad, NM 88220

Project Name: NBL Unit 4-15 SWD Workorder: E203068 Date Received: 3/10/2022 10:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/10/2022 10:30:00AM, under the Project Name: NBL Unit 4-15 SWD.

The analytical test results summarized in this report with the Project Name: NBL Unit 4-15 SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com







Page 57 of 156

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| * | | Sample Sum | mary | | · |
|----------------------------|---------------|------------------|-------------------|----------|------------------|
| Kaiser Francis Oil Company | | Project Name: | NBL Unit 4-15 SWD |) | Depenteda |
| 1224 Standpipe Rd | | Project Number: | 21022-0001 | | Reported: |
| Carlsbad NM, 88220 | | Project Manager: | Ashley Giovengo | | 03/18/22 12:27 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| SS07C - 0' | E203068-01A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. |



| | | mpic D | | | | |
|--|--------------------------------|------------|-------------------------|--------------|-------------|--|
| Kaiser Francis Oil Company | Project Name: | | Unit 4-15 S | SWD | | |
| 1224 Standpipe Rd Carlsbad NM, 88220 | Project Numbe Project Manag | | 22-0001 ley Giovenge | ~ | | Reported: 3/18/2022 12:27:49PM |
| Carisbad NW, 88220 | Project Manage | er: Asin | ley Glovenge | 5 | | 5/18/2022 12.27.49FW |
| | 1 | SS07C - 0' | | | | |
| |] | E203068-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilut | ion Prepared | l Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | analyst: IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| o-Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/17/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 92.7 % | 70-130 | 03/15/22 | 2 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | 03/15/22 | 2 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.6 % | 70-130 | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Α | analyst: IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 92.7 % | 70-130 | 03/15/22 | 2 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | 03/15/22 | 2 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.6 % | 70-130 | 03/15/22 | 2 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORC | mg/kg | mg/kg | A | analyst: JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 25.9 | 25.0 | 1 | 03/15/22 | 2 03/16/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 102 % | 50-200 | 03/15/22 | 2 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | analyst: RAS | | Batch: 2212060 |
| Chloride | 96.6 | 20.0 | 1 | 03/16/22 | 2. 03/17/22 | |

Sample Data



QC Summary Data

| | | _ | | ry Data | | | | | |
|---|--------------|----------------------------------|--------------|----------------------------|-------------|------------------|--------------|--------------|--------------------|
| Kaiser Francis Oil Company 1224 Standpipe Rd | | Project Name: Project Number: | | BL Unit 4-15 : 022-0001 | SWD | | | | Reported: |
| | | - | | | _ | | | 2/ | 12/2022 12.27.40DM |
| Carlsbad NM, 88220 | | Project Manager: | As | shley Gioveng | <u>;</u> 0 | | | 3/ | 18/2022 12:27:49PM |
| | | Volatile Organic | 3 | | | Analyst: IY | | | |
| Analyte | | Reporting | Spike | Source | P | Rec | DDD | RPD | |
| | Result | Limit | Level | Result | Rec | Limits | RPD | Limit | Nata |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2212022-BLK1) | | | | | | | Prepared: 0 | 3/15/22 Ana | lyzed: 03/17/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.467 | | 0.500 | | 93.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.505 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.504 | | 0.500 | | 101 | 70-130 | | | |
| LCS (2212022-BS1) | | | | | | | Prepared: 0 | 3/15/22 Ano | lyzed: 03/17/22 |
| | 2.72 | 0.0250 | 2.50 | | 100 | 70.120 | Flepareu. 0. | 5/15/22 Alla | lyzed. 03/17/22 |
| Benzene | 2.72 | 0.0250 | 2.50 | | 109 | 70-130 | | | |
| Ethylbenzene | 2.78 | 0.0250 | 2.50 | | 111 | 70-130 | | | |
| Toluene | 2.80 | 0.0250 | 2.50 | | 112 | 70-130 | | | |
| o-Xylene | 2.67 | 0.0250 | 2.50 | | 107 | 70-130 | | | |
| p,m-Xylene | 5.36 8.03 | 0.0500 | 5.00 7.50 | | 107 107 | 70-130 70-130 | | | |
| Total Xylenes | | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.481 | | 0.500 | | 96.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.499 | | 0.500 | | 99.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.518 | | 0.500 | | 104 | 70-130 | | | |
| Matrix Spike (2212022-MS1) | | | | Source: | E203065- | 03 | Prepared: 0 | 3/15/22 Ana | lyzed: 03/17/22 |
| Benzene | 2.74 | 0.0250 | 2.50 | ND | 110 | 48-131 | | | |
| Ethylbenzene | 2.82 | 0.0250 | 2.50 | ND | 113 | 45-135 | | | |
| Toluene | 2.82 | 0.0250 | 2.50 | ND | 113 | 48-130 | | | |
| o-Xylene | 2.73 | 0.0250 | 2.50 | ND | 109 | 43-135 | | | |
| p,m-Xylene | 5.45 | 0.0500 | 5.00 | ND | 109 | 43-135 | | | |
| Total Xylenes | 8.18 | 0.0250 | 7.50 | ND | 109 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.480 | | 0.500 | | 96.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.503 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.512 | | 0.500 | | 102 | 70-130 | | | |
| Matrix Spike Dup (2212022-MSD1) | | | | Source: | E203065- | 03 | Prepared: 0 | 3/15/22 Ana | lyzed: 03/17/22 |
| Benzene | 2.68 | 0.0250 | 2.50 | ND | 107 | 48-131 | 2.08 | 23 | • • • |
| Ethylbenzene | 2.77 | 0.0250 | 2.50 | ND | 111 | 45-135 | 1.97 | 27 | |
| Toluene | 2.77 | 0.0250 | 2.50 | ND | 111 | 48-130 | 2.00 | 24 | |
| p-Xylene | 2.67 | 0.0250 | 2.50 | ND | 107 | 43-135 | 1.94 | 27 | |
| p,m-Xylene | 5.30 | 0.0500 | 5.00 | ND | 107 | 43-135 | 2.84 | 27 | |
| Total Xylenes | 7.98 | 0.0250 | 7.50 | ND | 106 | 43-135 | 2.54 | 27 | |
| Surrogate: Bromofluorobenzene | 0.484 | 0.0200 | 0.500 | | 96.8 | 70-130 | | , | |
| | | | 0.500 | | 90.8 100 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.502 | | | | | | | | |
| Surrogate: Toluene-d8 | 0.517 | | 0.500 | | 103 | 70-130 | | | |



QC Summary Data

| | | QC B | umm | ary Data | a | | | | |
|---|--------|--|----------------|---|-----------|---------------|-------------|--------------|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | NBL Unit 4-15 21022-0001 Ashley Gioveng | | | | | Reported: 3/18/2022 12:27:49PM |
| | N | | Analyst: IY | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2212022-BLK1) | | | | | | | Prepared: 0 | 3/15/22 A | Analyzed: 03/17/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.467 | | 0.500 | | 93.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.505 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.504 | | 0.500 | | 101 | 70-130 | | | |
| LCS (2212022-BS2) | | | | | | | Prepared: 0 | 3/15/22 A | Analyzed: 03/17/22 |
| Gasoline Range Organics (C6-C10) | 60.0 | 20.0 | 50.0 | | 120 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.478 | | 0.500 | | 95.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.513 | | 0.500 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.517 | | 0.500 | | 103 | 70-130 | | | |
| Matrix Spike (2212022-MS2) | | | | Source: | E203065-0 | 03 | Prepared: 0 | 3/15/22 A | Analyzed: 03/17/22 |
| Gasoline Range Organics (C6-C10) | 58.6 | 20.0 | 50.0 | ND | 117 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.477 | | 0.500 | | 95.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487 | | 0.500 | | 97.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.518 | | 0.500 | | 104 | 70-130 | | | |
| Matrix Spike Dup (2212022-MSD2) | | | | Source: | E203065- | 03 | Prepared: 0 | 3/15/22 A | Analyzed: 03/17/22 |
| Gasoline Range Organics (C6-C10) | 59.5 | 20.0 | 50.0 | ND | 119 | 70-130 | 1.51 | 20 | |
| Surrogate: Bromofluorobenzene | 0.475 | | 0.500 | | 95.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.476 | | 0.500 | | 95.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.512 | | 0.500 | | 102 | 70-130 | | | |
| | | | | | | | | | |



QC Summary Data

| | | QC BI | | ii y Data | a | | | | |
|---|-----------------|--|-------------------------|--|----------|--------------------|-------------|-------------------|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 21 | BL Unit 4-15 1022-0001 shley Gioveng | | | | | Reported: 3/18/2022 12:27:49PM |
| | Nonh | alogenated Orga | anics by | EPA 8015E |) - DRO | /ORO | | | Analyst: JL |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| | 0.0 | | | 0.0 | | | | | |
| Blank (2212020-BLK1) | | | | | | | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 53.8 | | 50.0 | | 108 | 50-200 | | | |
| LCS (2212020-BS1) | | | | | | | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 |
| Diesel Range Organics (C10-C28) | 446 | 25.0 | 500 | | 89.1 | 38-132 | | | |
| Surrogate: n-Nonane | 50.3 | | 50.0 | | 101 | 50-200 | | | |
| Matrix Spike (2212020-MS1) | | | | Source: | E203065- | 08 | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 |
| Diesel Range Organics (C10-C28) | 1930 | 25.0 | 500 | 1640 | 59.7 | 38-132 | | | |
| Surrogate: n-Nonane | 52.3 | | 50.0 | | 105 | 50-200 | | | |
| Matrix Spike Dup (2212020-MSD1) | | | | Source: | E203065- | 08 | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 |
| Diesel Range Organics (C10-C28) | 2080 | 25.0 | 500 | 1640 | 88.7 | 38-132 | 7.24 | 20 | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 50-200 | | | |



QC Summary Data

| | | QU N | 4 11111 | ary Dat | | | | | |
|---|-----------------|--|-------------------------|---|------------------|---------------------|-------------|-------------------|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | | NBL Unit 4-15 21022-0001 Ashley Gioveng | | | | | Reported: 3/18/2022 12:27:49PM |
| | | Anions | by EPA | 300.0/9056A | 1 | | | | Analyst: RAS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2212060-BLK1) | ND | 20.0 | | | | | Prepared: 0 | 3/16/22 A | nalyzed: 03/17/22 |
| LCS (2212060-BS1) | | | | | | | Prepared: 0 | 3/16/22 A | analyzed: 03/17/22 |
| Chloride Matrix Spike (2212060-MS1) | 258 | 20.0 | 250 | Source: | 103 E203077-0 | 90-110 D1 | Prepared: 0 | 3/16/22 A | nalyzed: 03/17/22 |
| Chloride | 404 | 20.0 | 250 | 130 | 109 | 80-120 | | | |
| Matrix Spike Dup (2212060-MSD1) | | | | Source: | E203077- | 01 | Prepared: 0 | 3/16/22 A | analyzed: 03/17/22 |
| Chloride | 395 | 20.0 | 250 | 130 | 106 | 80-120 | 2.06 | 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.



| Kaiser Francis Oil Company | Project Name: | NBL Unit 4-15 SWD | |
|----------------------------|------------------|-------------------|----------------|
| 1224 Standpipe Rd | Project Number: | 21022-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 03/18/22 12:27 |

| ND | Analyte NOT DETECTED at or above the reporting limit |
|------|--|
| 1.12 | inalyte no r bbribe ribb at or above are reporting initi |

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.



Refroject Information

PO 32474

Page <u>|</u> of _

| lient: K | aiser Fran | cis Oil Co |) | | | Bill To | | | | Lá | ab Us | se Or | | | | | TA | ΑT | | EPA P | rogram |
|----------------|---------------------------------------|--------------|----------------------|-----------------------|--|---|---------------------|-----------------|-----------------|--------------|-------------|-------------|------------|---------|-----------|--------|------------|------------------------------|---------|---|----------------|
| | NBL Unit | | | | | ention: Wescom Inc | | Lab | WO# | ŧ | | Job | Num | ber | 1D | 2D | 3D | Standa | rd | CWA | SDWA |
| | lanager: | | | | | dress: 1224 Standpipe Rd | | Eá | 203 | 50 | 68 | 210 | 500 | -000 | 1 | 1 | 2 | х | | 2.413 | |
| dress: | 1224 Sta | ndpipe R | d | | | y, State, Zip: Carlsbad, NM 88 | 220 | | | | | | | d Meth | | 0 | | 1 | | | RCRA |
| y, Stat | e, Zip: Ca | rlsbad, N | M 88220 |) | Pho | one: 505-382-1211 | | | | | | | | | | | | | | 1.1 | 1 |
| | 05-382-1 | | | | Em | ail: ashley.giovengo@wescon | ninc.com | 15 | 15 | | | | | | | | | 1.00 | | State | 1 . E |
| nail: as | hley.giov | engo@w | escomine | c.com | | | | y 80 | y 80 | 21 | 0 | 0 | 300.0 | | 5 | | | NM | CO | UT AZ | TX |
| port d | ue by: | | | | | | | SOb | 30 b | 80 | 826 | 601(| e 30 | | MN | ¥ | | × | | | |
| Time Impled | Date Sampled | Matrix | No. of Containers | Sample ID |) | | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride : | | BGDOC | BGDOC | | | | Remarks | h _a |
| 5:05 | 3/7/22 | Soil | 1 Jar | | | SS07C - 0' | 1 | | | | | | | | x | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | - | | | | | 1 | | | | | | | | | | | | | | |
| | | | | | | | - Lende | | | | | | | | | | | | | | |
| | | | | | | | <u> </u> | | | | | | | | | - | - | | | | |
| | | | | | | | | | | | | | | 5 | - | | | | | | |
| dition | al Instruc | tions: K | l Cept on io | ce, Please | CC: cole.burt | on@wescominc.com, shar.ha | rvester@wes | com | inc.co | om, a | ashle | ey.gio | oveng | o@we | scomi | nc.co | m | - | | | |
| | | | | | mple. I am aware ds for legal action. | that tampering with or intentionally misla Sampled by: | belling the sample | locati | on, | | | | | | | | | ceived on ice the on subsequ | | and the second se | ed or receive |
| ne | ed by: (Signa Rus ed by: (Signa | | Date 3 Date | -9-22 | Time 11:24 Time | Received by: (Signature) | Date 3.9.2 | | | 12 | 4 | Rec | eived | on ice: | | ab U | se On I | ly | | | |
| X | -4 | the | - 3 | .9.22 | 1430 | august | Date 3/10/2 | a | |):3 | Q | <u>T1</u> | | | <u>T2</u> | | | <u>T3_</u> | | | |
| inguisne | ed by: (Signa | ature) | Date | | Time | Received by: (Signature) | Date | | Time | | | | 6 Tem | | 4 | | | | | | |
| | | | | Aqueous, O - O | | | Container | | | | | | | | | | | | | 1.161 | |
| | | | | | | ner arrangements are made. Hazard | | | | | | | | | ient ex | pense. | The r | eport for th | e analy | sis of the | above |
| nples is | applicable o | only to thos | e samples i | received by t | he laboratory w | ith this COC. The liability of the labora | itory is limited to | the a | moun | nt paic | d for o | n the | report | 6 | | | | | | | |

Received

Envirotech Analytical Laboratory

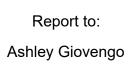
Sample Receipt Checklist (SRC)

| Client: | Kaiser Francis Oil Company | Date Received: | 03/10/22 | 10:30 | Work Order ID: | E203068 |
|--|--|------------------------------|-----------------------------|-------------------|----------------|-------------------|
| Phone: | (505) 382-1211 | Date Logged In: | 03/10/22 | 11:56 | Logged In By: | Caitlin Christian |
| Email: | ashley.giovengo@wescominc.com | Due Date: | 03/16/22 | 17:00 (4 day TAT) | | |
| Chain o | of Custody (COC) | | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | | |
| 2. Does | the number of samples per sampling site location match | h the COC | Yes | | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: UPS | | |
| 4. Was t | the COC complete, i.e., signatures, dates/times, requested | ed analyses? | Yes | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion | | Yes | | Commen | ts/Resolution |
| <u>Sample</u> | <u>Turn Around Time (TAT)</u> | | | | | |
| 6. Did tl | he COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| <u>Sample</u> | Cooler | | | | | |
| 7. Was a | a sample cooler received? | | Yes | | | |
| 8. If yes | s, was cooler received in good condition? | | Yes | | | |
| 9. Was t | the sample(s) received intact, i.e., not broken? | | Yes | | | |
| 10. Wer | e custody/security seals present? | | No | | | |
| 11. If ye | es, were custody/security seals intact? | | NA | | | |
| 12. Was | the sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are r | | Yes | | | |
| 12 Ifm | minutes of sampling | | c | | | |
| | b visible ice, record the temperature. Actual sample to | emperature: <u>4°</u> | <u> </u> | | | |
| | <u>Container</u> | | | | | |
| | aqueous VOC samples present? | | No | | | |
| | VOC samples collected in VOA Vials? | | NA NA | | | |
| | he head space less than 6-8 mm (pea sized or less)? | | | | | |
| | a trip blank (TB) included for VOC analyses? | | NA | | | |
| LA. Are | non-VOC samples collected in the correct containers? | na aallaatad? | Yes | | | |
| | e appropriate volume/weight or number of sample containe | rs confected? | Yes | | | |
| 19. Is the | | | | | | |
| 19. Is the Field La | | | | | | |
| 19. Is the Field La 20. Wer | re field sample labels filled out with the minimum inform | nation: | Ves | | | |
| 19. Is the Field La 20. Wer | | nation: | Yes Ves | | | |
| 19. Is the <u>Field La</u> 20. Wer | re field sample labels filled out with the minimum inform Sample ID? | nation: | Yes Yes No | | | |
| 19. Is the <u>Field La</u> 20. Wer | e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? | nation: | Yes | | | |
| 19. Is the <u>Field La</u> 20. Wer | e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? | | Yes | | | |
| 19. Is the Field L: 20. Were Sample 21. Doe 22. Are | e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation as the COC or field labels indicate the samples were press sample(s) correctly preserved? | served? | Yes No | | | |
| 19. Is the Field L: 20. Wer Sample 21. Doe 22. Are | e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres | served? | Yes No No | | | |
| Is the Field La 20. Were Sample 21. Doe 22. Are 24. Is la | e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation as the COC or field labels indicate the samples were press sample(s) correctly preserved? | served? | Yes No No NA | | | |
| 19. Is the Field La 20. Wer 21. Doe 22. Are 24. Is la Multipl | e field sample labels filled out with the minimum infor Sample ID? Date/Time Collected? Collectors name? • Preservation s the COC or field labels indicate the samples were pres sample(s) correctly preserved? b filteration required and/or requested for dissolved me | served? tals? | Yes No No NA | | | |
| Is the Field L: Wer Wer Wer Units Doe Are Is la Multipl Doe Doe | e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation is the COC or field labels indicate the samples were prese sample(s) correctly preserved? ib filteration required and/or requested for dissolved me hase Sample Matrix | served? tals? ? | Yes No No NA No | | | |
| Is the Field La 20. Were Sample 21. Doe 22. Are 24. Is la Multipl 26. Doe 27. If ye | e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation is the COC or field labels indicate the samples were pressample(s) correctly preserved? ib filteration required and/or requested for dissolved me hase Sample Matrix is the sample have more than one phase, i.e., multiphase | served? tals? ? | Yes No NA No No | | | |
| Is the Field L: Wer Sample Doe Are Is la Multipl Doe The second sec | e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? Preservation es the COC or field labels indicate the samples were prese sample(s) correctly preserved? ab filteration required and/or requested for dissolved me hase Sample Matrix es the sample have more than one phase, i.e., multiphase es, does the COC specify which phase(s) is to be analyz | served? tals? ? ed? | Yes No NA No No | | | |

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



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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name:

North Bell Lake Unit 4 #015

Work Order: E203066

Job Number: 21022-0001

Received: 3/10/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/18/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 3/18/22

Ashley Giovengo 1224 Standpipe Rd Carlsbad, NM 88220

Project Name: North Bell Lake Unit 4 #015 Workorder: E203066 Date Received: 3/10/2022 10:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/10/2022 10:30:00AM, under the Project Name: North Bell Lake Unit 4 #015.

The analytical test results summarized in this report with the Project Name: North Bell Lake Unit 4 #015 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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ljarboe@envirotech-inc.com

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Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

| | | Sample Summary | | | | | | | | | |
|---|---------------|--|---|------------|---------------------------------|--|--|--|--|--|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | North Bell Lake Un 21022-0001 Ashley Giovengo | nit 4 #015 | Reported: 03/18/22 15:30 | | | | | | |
| lient Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container | | | | | | |
| CONF01 - 0' | E203066-01A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| ONF02 - 0' | E203066-02A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| 'ONF03 - 0' | E203066-03A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF04 - 0' | E203066-04A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF05 - 0' | E203066-05A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF06 - 0' | E203066-06A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| 'ONF07 - 0' | E203066-07A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF08 - 0' | E203066-08A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF09 - 0' | E203066-09A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF10 - 0' | E203066-10A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF11 - 0' | E203066-11A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF12 - 0' | E203066-12A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF13 - 0' | E203066-13A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF14 - 0' | E203066-14A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF15 - 0' | E203066-15A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF16 - 0' | E203066-16A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF17 - 0' | E203066-17A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| 'ONF18 - 0' | E203066-18A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| 'ONF19 - 0' | E203066-19A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |
| CONF20 - 0' | E203066-20A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | | |



| | | L | | | | |
|--|---------------|-------------|-------------|----------------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lake | Unit 4 #015 | | |
| 1224 Standpipe Rd | Project Numb | er: 2102 | Reported: | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Ashl | ley Gioveng | 0 | | 3/18/2022 3:30:45PM |
| | (| CONF01 - 0' | | | | |
| | | E203066-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | Batch: 2212024 | | |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| p-Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/17/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 94.7 % | 70-130 | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.8 % | 70-130 | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.9 % | 70-130 | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | A | Analyst: IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 94.7 % | 70-130 | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.8 % | 70-130 | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.9 % | 70-130 | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | Analyst: JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | 220 | 25.0 | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 118 % | 50-200 | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: RAS | | Batch: 2212033 |
| Chloride | 3210 | 40.0 | 2 | 03/15/22 | 03/16/22 | |

Sample Data



| | D. | ample D | ata | | | | |
|--|---------------|-------------|------------|-----------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name | : Nort | h Bell Lak | ce Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numb | er: 2102 | 22-0001 | Reported: | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Giover | ngo | | | 3/18/2022 3:30:45PM |
| | (| CONF02 - 0' | | | | | |
| | | E203066-02 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/17/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 93.4 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.9 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 98.4 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 93.4 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.9 % | 70-130 | | 03/15/22 | 03/17/22 | |
| urrogate: Toluene-d8 | | 98.4 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 118 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 |
| Chloride | 4340 | 40.0 | | 2 | 03/15/22 | 03/16/22 | |



| | | ample D | uu | | | | |
|--|---------------|-------------|------------|-------------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lal | ke Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | er: 2102 | 22-0001 | Reported: | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Giover | ngo | | | 3/18/2022 3:30:45PM |
| | (| CONF03 - 0' | | | | | |
| | | E203066-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/17/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 92.2 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Jurrogate: Toluene-d8 | | 98.8 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 92.2 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/17/22 | |
| urrogate: Toluene-d8 | | 98.8 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 121 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212033 |
| Chloride | 3010 | 40.0 | | 2 | 03/15/22 | 03/16/22 | |



| | | ample D | uu | | | | |
|--|---------------|-------------|------------|-------------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numb | | 22-0001 | Reported: | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Gioven | igo | | | 3/18/2022 3:30:45PM |
| | (| CONF04 - 0' | | | | | |
| | | E203066-04 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/17/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 95.0 % | 70-130 | | 03/15/22 | 03/17/22 | |
| urrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | | 03/15/22 | 03/17/22 | |
| urrogate: Toluene-d8 | | 98.7 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 95.0 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | | 03/15/22 | 03/17/22 | |
| urrogate: Toluene-d8 | | 98.7 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 121 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 |
| Chloride | 2360 | 20.0 | | 1 | 03/15/22 | 03/16/22 | |



| | 5 | ample D | uu | | | |
|---|---|-------------|--|------------|----------|---|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | Project Name Project Numb Project Manag | er: 2102 | h Bell Lake U 2-0001 ey Giovengo | nit 4 #015 | | Reported: 3/18/2022 3:30:45PM |
| | (| CONF05 - 0' | | | | |
| | | E203066-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ana | alyst: IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| o-Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/17/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 92.4 % | 70-130 | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.3 % | 70-130 | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | alyst: IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 92.4 % | 70-130 | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.3 % | 70-130 | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | alyst: JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 122 % | 50-200 | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | alyst: RAS | | Batch: 2212033 |
| Chloride | 8070 | 200 | 10 | 03/15/22 | 03/16/22 | |



| | | ample D | uu | | | | |
|--|---------------|-------------|------------|-----------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | | 22-0001 | Reported: | | | |
| Carlsbad NM, 88220 | Project Manag | er: Ash | ey Gioven | go | | | 3/18/2022 3:30:45PM |
| | C | CONF06 - 0' | | | | | |
| | - | E203066-06 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilu | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/17/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 92.3 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 97.8 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 92.3 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 97.8 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 119 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 |
| Chloride | 17500 | 400 | 2 | 20 | 03/15/22 | 03/16/22 | |



| | | ample D | uu | | | | |
|--|---------------|-------------|------------|-----------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | Nor | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | | 22-0001 | Reported: | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Gioven | go | | | 3/18/2022 3:30:45PM |
| | (| CONF07 - 0' | | | | | |
| | | E203066-07 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/17/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 90.3 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 98.4 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 90.3 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 98.4 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 122 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 |
| Chloride | 13100 | 200 | 1 | 0 | 03/15/22 | 03/16/22 | |



| | | ample D | | | | | |
|---|---|-------------|-----------------------------------|----------|----------|----------|---|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | Project Name: Project Numbe Project Manag | er: 2102 | h Bell Lak 2-0001 ey Gioven | | #015 | | Reported: 3/18/2022 3:30:45PM |
| | (| CONF08 - 0' | - | | | | |
| | | E203066-08 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/17/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 94.0 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.6 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.1 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 94.0 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.6 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.1 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | 28.1 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 119 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 |
| Chloride | 1230 | 20.0 | | 1 | 03/15/22 | 03/16/22 | |



| | | ample D | uuu | | | | |
|--|---------------|-------------|------------|-------------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lal | ke Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numb | er: 2102 | 22-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ey Giover | ngo | | | 3/18/2022 3:30:45PM |
| | (| CONF09 - 0' | | | | | |
| | | E203066-09 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/17/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 91.9 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 97.5 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 91.9 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 97.5 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | 25.9 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 119 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212033 |
| Chloride | 3160 | 40.0 | | 2 | 03/15/22 | 03/16/22 | |



| | 5 | ample D | ata | | | | |
|--|--------------|-------------|------------|-----------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name | | h Bell Lak | | | | |
| 1224 Standpipe Rd | Project Numb | | 22-0001 | Reported: | | | |
| Carlsbad NM, 88220 | Project Mana | ger: Ash | ley Gioven | igo | | | 3/18/2022 3:30:45PM |
| | (| CONF10 - 0' | | | | | |
| | | E203066-10 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 92.8 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/18/22 | |
| urrogate: Toluene-d8 | | 97.7 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | |
| urrogate: Bromofluorobenzene | | 92.8 % | 70-130 | | 03/15/22 | 03/18/22 | |
| urrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/18/22 | |
| urrogate: Toluene-d8 | | 97.7 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | Л | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| urrogate: n-Nonane | | 118 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212033 |
| Chloride | 2540 | 40.0 | | 2 | 03/15/22 | 03/16/22 | |



| | 5 | ample D | ara | | | | |
|--|---------------|-------------|------------|-----------|----------|----------|---------------------|
| Kaiser Francis Oil Company | Project Name: | | h Bell Lak | | | | |
| 1224 Standpipe Rd | Project Numb | | 22-0001 | Reported: | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Gioven | go | | | 3/18/2022 3:30:45PM |
| | (| CONF11 - 0' | | | | | |
| | | E203066-11 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| -Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| ,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 93.7 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | | 03/15/22 | 03/18/22 | |
| urrogate: Toluene-d8 | | 99.1 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | |
| urrogate: Bromofluorobenzene | | 93.7 % | 70-130 | | 03/15/22 | 03/18/22 | |
| urrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | | 03/15/22 | 03/18/22 | |
| urrogate: Toluene-d8 | | 99.1 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | 51.9 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | 75.6 | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| urrogate: n-Nonane | | 114 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 |
| Chloride | 14000 | 400 | 2 | 20 | 03/15/22 | 03/16/22 | |



| | D. | ample D | ata | | | | |
|---|--|-------------|------------------------------------|-------------|----------|----------|---|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | Project Name: Project Numb Project Manag | er: 2102 | h Bell La 22-0001 ley Giover | | ##015 | | Reported: 3/18/2022 3:30:45PM |
| | (| CONF12 - 0' | | | | | |
| | | E203066-12 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| °oluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| -Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| ,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 92.6 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: Toluene-d8 | | 97.8 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 92.6 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: Toluene-d8 | | 97.8 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : ЛL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 117 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212033 |
| Chloride | 639 | 20.0 | | 1 | 03/15/22 | 03/16/22 | |



| | 56 | ampie D | ata | | | | |
|---|---|-------------|------------------------------------|---------|----------|----------|---|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | Project Name: Project Numbe Project Manag | er: 2102 | h Bell La 22-0001 ley Giover | | 4 #015 | | Reported: 3/18/2022 3:30:45PM |
| | (| CONF13 - 0' | | | | | |
| | | E203066-13 | | | | | |
| | | Reporting | | | D | | N |
| Analyte | Result | Limit | Dı | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| -Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| ,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 92.6 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: Toluene-d8 | | 98.5 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 92.6 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/18/22 | |
| urrogate: Toluene-d8 | | 98.5 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | 75.2 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | 140 | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 123 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | : RAS | | Batch: 2212033 |
| Chloride | 4680 | 40.0 | | 2 | 03/15/22 | 03/16/22 | |



| | 5 | | | | | | |
|--|---------------|-------------|------------|---------------------|----------|----------|----------------|
| Kaiser Francis Oil Company | Project Name: | : Nort | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numb | er: 2102 | Reported: | | | | |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Gioven | 3/18/2022 3:30:45PM | | | |
| | (| CONF14 - 0' | | | | | |
| | | E203066-14 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 93.1 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Jurrogate: Toluene-d8 | | 97.9 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 93.1 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | | 03/15/22 | 03/18/22 | |
| urrogate: Toluene-d8 | | 97.9 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 120 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 |
| Chloride | 5330 | 40.0 | | 2 | 03/15/22 | 03/16/22 | |



| | 5 | Sample Data | | | | | | | | | |
|--|--------------|-------------|------------|---------------------|-----------|----------|----------------|--|--|--|--|
| Kaiser Francis Oil Company | Project Name | | h Bell Lak | e Unit 4 | #015 | | | | | | |
| 1224 Standpipe Rd | Project Numb | | 22-0001 | | Reported: | | | | | | |
| Carlsbad NM, 88220 | Project Mana | ger: Ash | ley Gioven | 3/18/2022 3:30:45PM | | | | | | | |
| | | CONF15 - 0' | | | | | | | | | |
| | | E203066-15 | | | | | | | | | |
| | | Reporting | | | | | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes | | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 | | | | |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | | |
| ,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | | | | | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | | |
| Surrogate: Bromofluorobenzene | | 93.7 % | 70-130 | | 03/15/22 | 03/18/22 | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.7 % | 70-130 | | 03/15/22 | 03/18/22 | | | | | |
| Surrogate: Toluene-d8 | | 98.3 % | 70-130 | | 03/15/22 | 03/18/22 | | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212024 | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | | | | | |
| urrogate: Bromofluorobenzene | | 93.7 % | 70-130 | | 03/15/22 | 03/18/22 | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.7 % | 70-130 | | 03/15/22 | 03/18/22 | | | | | |
| urrogate: Toluene-d8 | | 98.3 % | 70-130 | | 03/15/22 | 03/18/22 | | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | Л | | Batch: 2212021 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | | | | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | | | | | |
| urrogate: n-Nonane | | 119 % | 50-200 | | 03/15/22 | 03/16/22 | | | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212033 | | | | |
| Chloride | 3170 | 40.0 | | 2 | 03/15/22 | 03/16/22 | | | | | |



| | Si | | | | | |
|--|---------------|-------------|-------------|---------------------|----------|--|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lake | Unit 4 #015 | | |
| 1224 Standpipe Rd | Project Numbe | er: 2102 | 22-0001 | | | Reported: 3/18/2022 3:30:45PM Notes Batch: 2212024 Batch: 2212024 Batch: 2212024 |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ey Gioveng | 3/18/2022 3:30:45PM | | |
| | (| CONF16 - 0' | | | | |
| | | E203066-16 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | Analyst: IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/18/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/18/22 | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/18/22 | |
| -Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/18/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/18/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 94.3 % | 70-130 | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.8 % | 70-130 | 03/15/22 | 03/18/22 | |
| Surrogate: Toluene-d8 | | 97.6 % | 70-130 | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | I | Analyst: IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 94.3 % | 70-130 | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.8 % | 70-130 | 03/15/22 | 03/18/22 | |
| urrogate: Toluene-d8 | | 97.6 % | 70-130 | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | l | Analyst: JL | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 124 % | 50-200 | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: RAS | | Batch: 2212033 |
| Chloride | 8790 | 200 | 10 | 03/15/22 | 03/16/22 | |



| Sample Data | | | | | | | | | | |
|--|--------------|-------------|------------|---------------------|----------|----------|----------------|--|--|--|
| Kaiser Francis Oil Company | Project Name | : Nort | h Bell Lal | ke Unit 4 | #015 | | | | | |
| 1224 Standpipe Rd | Project Numb | | 2-0001 | | | | Reported: | | | |
| Carlsbad NM, 88220 | Project Mana | ger: Ashl | ey Giovei | 3/18/2022 3:30:45PM | | | | | | |
| | | CONF17 - 0' | | | | | | | | |
| | | E203066-17 | | | | | | | | |
| | | Reporting | | | | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 | | | |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| -Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| ,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | | | | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| urrogate: Bromofluorobenzene | | 92.7 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| urrogate: 1,2-Dichloroethane-d4 | | 105 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| urrogate: Toluene-d8 | | 98.6 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212024 | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | | | | |
| urrogate: Bromofluorobenzene | | 92.7 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| urrogate: 1,2-Dichloroethane-d4 | | 105 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| urrogate: Toluene-d8 | | 98.6 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212021 | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | | | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | | | | |
| urrogate: n-Nonane | | 123 % | 50-200 | | 03/15/22 | 03/16/22 | | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212033 | | | |
| Chloride | 7050 | 40.0 | | 2 | 03/15/22 | 03/17/22 | | | | |



| | | imple D | | | | | |
|--|---------------|-------------|------------|---------------------|----------|----------|----------------|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | er: 2102 | 2-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Ash | ey Gioven | 3/18/2022 3:30:45PM | | | |
| | C | CONF18 - 0' | | | | | |
| | - | E203066-18 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 91.7 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: Toluene-d8 | | 97.4 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 91.7 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: Toluene-d8 | | 97.4 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | Л | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | 59.4 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | 321 | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 116 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212033 |
| Chloride | 4520 | 40.0 | | 2 | 03/15/22 | 03/17/22 | |



| | 5 | Sample Data | | | | | | | | |
|--|--------------|-------------|------------|---------------------|-----------|----------|----------------|--|--|--|
| Kaiser Francis Oil Company | Project Name | | h Bell Lak | e Unit 4 | ##015 | | | | | |
| 1224 Standpipe Rd | Project Numb | | 22-0001 | | Reported: | | | | | |
| Carlsbad NM, 88220 | Project Mana | ger: Ash | ey Gioven | 3/18/2022 3:30:45PM | | | | | | |
| | | CONF19 - 0' | | | | | | | | |
| | | E203066-19 | | | | | | | | |
| | | Reporting | | | | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2212024 | | | |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | | | | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | | | | |
| Surrogate: Bromofluorobenzene | | 91.7 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 106 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| Surrogate: Toluene-d8 | | 98.1 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2212024 | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | | | | |
| Surrogate: Bromofluorobenzene | | 91.7 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 106 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| urrogate: Toluene-d8 | | 98.1 % | 70-130 | | 03/15/22 | 03/18/22 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : JL | | Batch: 2212021 | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | | | | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | | | | |
| Surrogate: n-Nonane | | 121 % | 50-200 | | 03/15/22 | 03/16/22 | | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 | | | |
| Chloride | 12600 | 200 | 1 | 0 | 03/15/22 | 03/17/22 | | | | |



| | | ample D | uu | | | | |
|--|---------------|-------------|------------|---------------------|----------|----------|----------------|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | | 22-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Ash | ey Gioven | 3/18/2022 3:30:45PM | | | |
| | C | CONF20 - 0' | | | | | |
| | - | E203066-20 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/18/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 92.1 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.0 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: Toluene-d8 | | 99.1 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/18/22 | |
| Surrogate: Bromofluorobenzene | | 92.1 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.0 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Surrogate: Toluene-d8 | | 99.1 % | 70-130 | | 03/15/22 | 03/18/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2212021 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/17/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: n-Nonane | | 114 % | 50-200 | | 03/15/22 | 03/17/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212033 |
| Chloride | 4170 | 40.0 | | 2 | 03/15/22 | 03/17/22 | |



QC Summary Data

| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 21 | orth Bell Lake U 022-0001 shley Giovengo | Unit 4 #0 | 15 | | | Reported: 3/18/2022 3:30:45PM |
|---|-----------------|--|----------------|--|-----------|---------------|--------------|--------------|---|
| Curisbuu 100, 00220 | | | | | 02(0) | | | | 0,10,2022 0,000,011,1 |
| | | Volatile Organic | Compo | unds by EPA | 82608 | 3 | | | Analyst: IY |
| Analyte | D k | Reporting Limit | Spike Level | Source Result | Dee | Rec Limits | RPD | RPD Limit | |
| | Result mg/kg | mg/kg | mg/kg | mg/kg | Rec % | % | % | 2000 E.IIIII | Notes |
| | | | | | | | | | |
| Blank (2212024-BLK1) | | | | | | | Prepared: 02 | 3/15/22 A | nalyzed: 03/18/22 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.472 | | 0.500 | | 94.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 | | 0.500 | | 98.1 | 70-130 | | | |
| | | | | | | | | | |
| Surrogate: Toluene-d8 | 0.499 | | 0.500 | | 99.7 | 70-130 | | | |
| LCS (2212024-BS1) | | | | | | | Prepared: 03 | 3/15/22 A | nalyzed: 03/18/22 |
| Benzene | 2.51 | 0.0250 | 2.50 | | 101 | 70-130 | | | |
| Ethylbenzene | 2.61 | 0.0250 | 2.50 | | 104 | 70-130 | | | |
| Foluene | 2.58 | 0.0250 | 2.50 | | 103 | 70-130 | | | |
| o-Xylene | 2.55 | 0.0250 | 2.50 | | 102 | 70-130 | | | |
| o,m-Xylene | 5.08 | 0.0500 | 5.00 | | 102 | 70-130 | | | |
| Total Xylenes | 7.63 | 0.0250 | 7.50 | | 102 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.483 | | 0.500 | | 96.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.507 | | 0.500 | | 101 | 70-130 | | | |
| Matrix Spike (2212024-MS1) | | | | Source: E2 | 203066-0 | 12 | Prenared: 0 | 3/15/22 A | nalyzed: 03/18/22 |
| • • / | 2.00 | | 2.50 | | | | Trepured. 0. | 5/15/22 11 | nary200. 03/10/22 |
| Benzene | 2.69 | 0.0250 | 2.50 | ND | 107 | 48-131 | | | |
| Ethylbenzene | 2.82 | 0.0250 | 2.50 | ND | 113 | 45-135 | | | |
| Toluene | 2.78 | 0.0250 | 2.50 | ND | 111 | 48-130 | | | |
| p-Xylene | 2.75 | 0.0250 | 2.50 | ND | 110 | 43-135 | | | |
| o,m-Xylene | 5.44 | 0.0500 | 5.00 | ND | 109 | 43-135 | | | |
| Fotal Xylenes | 8.19 | 0.0250 | 7.50 | ND | 109 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.494 | | 0.500 | | 98.8 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 | | 0.500 | | 98.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.513 | | 0.500 | | 103 | 70-130 | | | |
| Matrix Spike Dup (2212024-MSD1) | | | | Source: E2 | 203066-0 |)2 | Prepared: 0. | 3/15/22 A | nalyzed: 03/18/22 |
| Benzene | 2.75 | 0.0250 | 2.50 | ND | 110 | 48-131 | 2.39 | 23 | |
| Ethylbenzene | 2.90 | 0.0250 | 2.50 | ND | 116 | 45-135 | 2.75 | 27 | |
| Toluene | 2.86 | 0.0250 | 2.50 | ND | 114 | 48-130 | 2.75 | 24 | |
| p-Xylene | 2.85 | 0.0250 | 2.50 | ND | 114 | 43-135 | 3.72 | 27 | |
| o,m-Xylene | 5.63 | 0.0500 | 5.00 | ND | 113 | 43-135 | 3.37 | 27 | |
| Fotal Xylenes | 8.48 | 0.0250 | 7.50 | ND | 113 | 43-135 | 3.49 | 27 | |
| Surrogate: Bromofluorobenzene | 0.485 | | 0.500 | | 96.9 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.485 | | 0.500 | | 96.9 | 70-130 | | | |
| narogaie. 1,2-Dienioroeinune-u+ | | | | | | | | | |
| Surrogate: Toluene-d8 | 0.507 | | 0.500 | | 101 | 70-130 | | | |



QC Summary Data

| | | C | | ary Dat | | | | | |
|---|--------|--|----------------|---|-----------|---------------|-------------|--------------|---|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | lorth Bell Lake 1022-0001 shley Gioveng | | 15 | | | Reported: 3/18/2022 3:30:45PM |
| | No | | Analyst: IY | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2212024-BLK1) | | | | | | | Prepared: 0 | 3/15/22 A | Analyzed: 03/18/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.472 | | 0.500 | | 94.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 | | 0.500 | | 98.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.499 | | 0.500 | | 99.7 | 70-130 | | | |
| LCS (2212024-BS2) | | | | | | | Prepared: 0 | 3/15/22 A | Analyzed: 03/18/22 |
| Gasoline Range Organics (C6-C10) | 53.4 | 20.0 | 50.0 | | 107 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.487 | | 0.500 | | 97.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.485 | | 0.500 | | 96.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.508 | | 0.500 | | 102 | 70-130 | | | |
| Matrix Spike (2212024-MS2) | | | | Source: | E203066-0 | 02 | Prepared: 0 | 3/15/22 A | Analyzed: 03/18/22 |
| Gasoline Range Organics (C6-C10) | 53.4 | 20.0 | 50.0 | ND | 107 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.486 | | 0.500 | | 97.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.485 | | 0.500 | | 97.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.514 | | 0.500 | | 103 | 70-130 | | | |
| Matrix Spike Dup (2212024-MSD2) | | | | Source: | E203066-0 | 02 | Prepared: 0 | 3/15/22 A | Analyzed: 03/18/22 |
| Gasoline Range Organics (C6-C10) | 53.7 | 20.0 | 50.0 | ND | 107 | 70-130 | 0.491 | 20 | |
| Surrogate: Bromofluorobenzene | 0.484 | | 0.500 | | 96.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| - | | | | | | | | | |



QC Summary Data

| | | QC D | u 111 111 | aly Data | l | | | | | |
|---|--|--|-------------------------|--|----------|--------------------|-------------|-------------------|---|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | : | North Bell Lake Unit 4 #015 21022-0001 Ashley Giovengo | | | | | Reported: 3/18/2022 3:30:45PM | |
| , | Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: JL | | | | | | | | | |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes | |
| Blank (2212021-BLK1) | | | | | | | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | | |
| Surrogate: n-Nonane | 60.4 | | 50.0 | | 121 | 50-200 | | | | |
| LCS (2212021-BS1) | | | | | | | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 | |
| Diesel Range Organics (C10-C28) | 450 | 25.0 | 500 | | 90.0 | 38-132 | | | | |
| Surrogate: n-Nonane | 61.0 | | 50.0 | | 122 | 50-200 | | | | |
| Matrix Spike (2212021-MS1) | | | | Source: 1 | E203066- | 12 | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 | |
| Diesel Range Organics (C10-C28) | 460 | 25.0 | 500 | ND | 92.0 | 38-132 | | | | |
| Surrogate: n-Nonane | 61.4 | | 50.0 | | 123 | 50-200 | | | | |
| Matrix Spike Dup (2212021-MSD1) | | | | Source: l | E203066- | 12 | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 | |
| Diesel Range Organics (C10-C28) | 461 | 25.0 | 500 | ND | 92.2 | 38-132 | 0.205 | 20 | | |
| Surrogate: n-Nonane | 60.9 | | 50.0 | | 122 | 50-200 | | | | |



QC Summary Data

| | | $\mathbf{x} \circ \sim$ | •••••• | | | | | | |
|---|-----------------|---|-------------------------|---|----------|--------------------|-------------|-------------------|---|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager | | North Bell Lake 21022-0001 Ashley Gioveng | | 15 | | | Reported: 3/18/2022 3:30:45PM |
| | | Anions | by EPA | 300.0/9056A | 1 | | | | Analyst: RAS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2212033-BLK1) | | | | | | | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2212033-BS1) | | | | | | | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Chloride | 265 | 20.0 | 250 | | 106 | 90-110 | | | |
| Matrix Spike (2212033-MS1) | | | | Source: | E203066- | 01 | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Chloride | 3250 | 40.0 | 250 | 3210 | 15.4 | 80-120 | | | M2 |
| Matrix Spike Dup (2212033-MSD1) | | | | Source: | E203066- | 01 | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Chloride | 3290 | 40.0 | 250 | 3210 | 31.5 | 80-120 | 1.23 | 20 | M2 |

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.



| Kaiser Francis Oil Company | Project Name: | North Bell Lake Unit 4 #015 | |
|----------------------------|------------------|-----------------------------|----------------|
| 1224 Standpipe Rd | Project Number: | 21022-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 03/18/22 15:30 |

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



Referoject Information

PO 32471

Page _____ of _

| roject Information | | | | Chain | of Custod | 1 | | | | | | | 1 0 | | 72 | 911 | | Page <u> </u> | of | | |
|--------------------|--------------------------------|--------------|-------------------|-----------------|---------------------|---|----------------------|---------|------------------------------------|--------------|--------|-------------|-------------------------------------|--------------------------|-----------|----------|------------|---------------|-------------|------------------------------|----------------|
| Client: K | aiser Frar | | | | | Bill To | | - | | 1. | b 11c | 0.00 | du. | - | _ | - | т/ | T | | CDA D | |
| | North Bel | | | | | Attention: Wescom Inc | | | Lab Use Only Lab WO# Job Number | | | | | TAT 1D 2D 3D Standard | | | | hard | EPA Program | | |
| | Aanager: | | | | | dress: 1224 Standpipe Rd | | E | 201 | INS | 010 | 200 | 22-0C | In | 10 | 20 | 50 | X | | CVVA | JUVA |
| | | | | | | , State, Zip: Carlsbad, NM 8822 | 220 LX | | | | | | sis and M | | 4 | - | - | Ê | | | RCRA |
| | | | one: 505-382-1211 | .0 | - | | | | | | | | | | | | 1 | I NCINA | | | |
| | 505-382-1 | | W OOLLO | | | ail: ashley.giovengo@wescomir | nc com | 10 | 5 | | | | | | | | | | | State | |
| | shley.giov | | escomino | c.com | | anasmey.giovengo@wesconni | | by 8015 | 801 | | | | 0 | | | | | NI | ALCO | UT AZ | TX |
| Report d | | | | | | | | Vd O | λq C | 8021 | 8260 | 010 | 300.0 | | WN | ¥ | | <u> </u> | | 01 112 | |
| Time | Date | 1 | No. of | | | | Lab | DRO/ORO | GRO/DRO by 8015 | ВТЕХ ЬУ 8021 | by 8 | Metals 6010 | Chloride | | S | N | | E F | | | <u> </u> |
| Sampled | Sampled | Matrix | Containers | Sample ID | | | Number | DRO | GRO | BTE | VOC by | Met | Chlo | 1 | BGDOC | BGDOC | | | | Remarks | |
| 10:07 | 3/7/22 | Soil | 1 Jar | | | CONF01 - 0' | 4 | | | | | | | | x | | | | | | |
| 10:12 | 3/7/22 | Soil | 1 Jar | | | CONF02 - 0' | 2 | | | | | | | | x | | | | | | |
| 10:14 | 3/7/22 | Soil | 1 Jar | | CONF03 - 0' | | 3 | | | | | | | | x | | | | | | |
| 10:22 | 3/7/22 | Soil | 1 Jar | | | CONF04 - 0' | 4 | | | | | | | | x | | | | | | |
| 10:25 | 3/7/22 | Soil | 1 Jar | CONF05 - 0' | | CONF05 - 0' | 5 | | | | | | | | x | | | | | | |
| 10:28 | 3/7/22 | Soil | 1 Jar | | CONF06 - 0' | | 6 | | | | | | | | x | | | | | | |
| 10:35 | 3/7/22 | Soil | 1 Jar | | | CONF07 - 0' | ٦ | | | | | | | | x | | | | | | |
| 10:38 | 3/7/22 | Soil | 1 Jar | | - 4 | CONF08 - 0' | 8 | | | | | | | | x | | | | | | |
| 10:41 | 3/7/22 | Soil | 1 Jar | _ | | CONF09 - 0' | 9 | | | | | | | | x | | | | | | |
| 10:44 | 3/7/22 | Soil | 1 Jar | | 1 | CONF10 - 0' | 10 | | | | | | | | x | | | | | | |
| | | | | | | on@wescominc.com, shar.harv | | | | om, a | ashle | y.gic | ovengo@ | wesc | omir | nc.co | m | | | | |
| late or time | of collection | is considere | d fraud and r | may be grounds | for legal action. | that tampering with or intentionally mislabe Sampled by: | - | _ | | | | 1 | es requiring th d in ice at an a | | above | 0 but le | ss than 6 | 5 °C on subs | | a first and the state of the | ed or received |
| | by: (Signa | | | -9-22 | ime 11:29 ime | Received by: (Signature) | Date 3.9. Date | | Time | 1/24 | 1 | Rec | eived on | ice: | Li (Y | ab U: | se On I | lγ | | | |
| X | ed by: (Signa ed by: (Signa | hot | _ J Date | .9.22 | 1430 ime | Received by: (Signature) | 310 Date | 22 | | :3 | 0 | <u>T1</u> | | - | <u>T2</u> | | | <u>T3</u> | | | |
| | | | _ | | | | | | | | | | Temp °C | - | | | | | | | |
| | | | | queous, O - Oth | | | | | | | | | lastic, ag - | | _ | | | | | | |
| | | | | | | er arrangements are made. Hazardou: th this COC. The liability of the laborato | | | | | | | | ne clie | nt exp | ense. | The r | eport for | the ana | lysis of the | above |
| | | | | | | Page | e 31 of 33 | | | | (| 2 | e | | 1 | V | i | rc | >t | e | cl |

Reproject Information

Page 2 of _

| | | cis Oil Co | | | 2 C | Bill To | | | | La | ab Us | e Or | ly | | | | TAT | | EPA | Program |
|--------------------------------------|------------------|---------------|----------------------|---|---------------------|--|-------------------------|--------------------|-----------------|--------------|-------------|-------------|----------------|--------|----------|----------|----------------------|------------------------------------|-----------------------------|-----------------|
| Project: North Bell Lake Unit 4 #015 | | I Lake Un | it 4 #015 | 5 | Atte | Attention: Wescom Inc | | Lab WO# Job Number | | | er | 1D | 2D | 3D | Standard | d CWA | 2 of SDWA RCRA | | | |
| Project Manager: Ashley Giovengo | | Add | | | | | | | | | 2001 | 0.5 | | | x | | | | | |
| dress: | 1224 Sta | ndpipe R | d | | City | , State, Zip: Carlsbad, NN | 1 88220 | | | | | | Metho | d | | | | | RCRA | |
| y, State | e, Zip: Ca | rlsbad, N | M 88220 |) | Phone: 505-382-1211 | | | | | 1000 | | | | | 1 | | | | | |
| one: 5 | 05-382-1 | 211 | | | Ema | | | | 15 | | | | | | | | | | State | |
| ail: as | hley.giov | engo@w | escomin | c.com | | | | y 80 | y 80 | - | | | 0.0 | | - | | | NM C | O UT A | TX |
| port du | ue by: | | | | | and the second sec | | 30 b | d OS | 802 | 826(| 5010 | e 300 | | MN | 1X | | × | | |
| Time mpled | Date Sampled | Matrix | No. of Containers | Sample ID | | | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | BGDOC | BGDOC | | | Remark | s |
| 0:42 | 3/7/22 | Soil | 1 Jar | | (| CONF11 - 0' | 11 | | 0 | | > | 2 | 0 | | x | 8 | | | | |
| 0:52 | 3/7/22 | Soil | 1 Jar | | (| CONF12 - 0' | 12 | | | | | | | 1 | x | | | | | |
| 0:55 | 3/7/22 | Soil | 1 Jar | | (| CONF13 - 0' | 13 | | | | | | | | x | | | | | |
| 0:57 | 3/7/22 | Soil | 1 Jar | 1 | CONF14 - 0' | | iu | | | | | | | - | x | | | | | |
| 1:00 | 3/7/22 | Soil | 1 Jar | | CONF15 - 0' | | 5 | | | | | | | | x | | | | | |
| 1:04 | 3/7/22 | Soil | 1 Jar | | CONF16 - 0' | | 16 | | | | | | | | x | | | | | |
| 1:07 | 3/7/22 | Soil | 1 Jar | | CONF17 - 0' | | 17 | | | | | | | | x | | | | | |
| 1:10 | 3/7/22 | Soil | 1 Jar | | CONF18 - 0' | | 18 | | | | | | | | x | | | | | |
| 1:13 | 3/7/22 | Soil | 1 Jar | | (| CONF19 - 0' | 19 | | | | | | | | x | | | - | | |
| 1:16 | 3/7/22 | Soil | 1 Jar | | (| CONF20 - 0' | 20 | | | | | | | | x | | | 1 | | |
| ditiona | al Instruct | tions: K | ept on i | ce, Please CC: c | ole.burto | on@wescominc.com, sha | r.harvester@wes | com | inc.co | om, a | ashle | y.gic | vengo | @weso | omin | ic.cor | n | | | |
| | | | | ticity of this sample. may be grounds for le | | hat tampering with or intentionally Sampled by: | mislabelling the sample | locatio | on, | | | | | | | | | ved on ice the o C on subsequen | lay they are sam t days. | oled or receive |
| nquishe | d by: (Signa | iture) | Date 3 | | :24 | Received by: (Signature) | Date 3.9. | 22 | Time | 120 | 4 | Rece | eived o | n ice: | La | ab Us | e Only | | 2 | |
| The second second | d by: (Signa | | Date | | 430 | Received by: (Signature) | A JOI | 22 | Time | 10 | am | | | | T2 | , | | T3 | | |
| inquishe | d by: (Signa | iture) | Date | | | Received by: (Signature) | Date | | Time | ~~~ | | | Temp | °C | 1 | | | | | |
| ple Matri | ix: S - Soil, Sd | - Solid. Sg - | Sludge. A - J | Aqueous, O - Other | | | Containe | Type | e: g - e | lass | | | | | er glas | S. V - 1 | AUV | | | |
| e: Samp | oles are disc | arded 30 d | ays after re | esults are reported | | er arrangements are made. Ha th this COC. The liability of the la | zardous samples will | be ret | urned | to cli | ent or | dispo | sed of a | | | | | port for the | analysis of th | e above |

Envirotech Analytical Laboratory

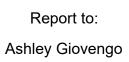
Sample Receipt Checklist (SRC)

| lient: | Kaiser Francis Oil Company | Date Received: | 03/10/22 10 | :30 | Work Order ID: E203066 |
|-----------------|---|-------------------|-------------|------------------|---|
| Phone: | (505) 382-1211 | Date Logged In: | 03/10/22 11 | :46 | Logged In By: Caitlin Christian |
| Email: | ashley.giovengo@wescominc.com | Due Date: | 03/16/22 17 | 7:00 (4 day TAT) | |
| Chain of | f Custody (COC) | | | | |
| 1. Does t | the sample ID match the COC? | | Yes | | |
| 2. Does t | the number of samples per sampling site location ma | atch the COC | Yes | | |
| 3. Were s | samples dropped off by client or carrier? | | Yes | Carrier: U | JPS |
| 4. Was th | ne COC complete, i.e., signatures, dates/times, reque | ested analyses? | Yes | | |
| 5. Were a | all samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss | | Yes | | Comments/Resolution |
| <u>Sample '</u> | <u>Turn Around Time (TAT)</u> | | | | |
| 6. Did th | e COC indicate standard TAT, or Expedited TAT? | | Yes | | Project has been seperated into 2 reports |
| Sample | Cooler | | | | due to amount of samples. Workorders are |
| 7. Was a | sample cooler received? | | Yes | | as follows: |
| 8. If yes, | was cooler received in good condition? | | Yes | | E203065 COC page 3&4 of 4, E203066 |
| 9. Was th | he sample(s) received intact, i.e., not broken? | | Yes | | COC page $1\&2$ of 4. |
| 10. Were | custody/security seals present? | | No | | COC page 1&2 01 4. |
| 11. If yes | s, were custody/security seals intact? | | NA | | |
| 12. Was tl | he sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling | | Yes | | |
| 13. If no | visible ice, record the temperature. Actual sampl | e temperature: 4° | °C | | |
| Sample | Container | - <u> </u> | | | |
| | aqueous VOC samples present? | | No | | |
| | VOC samples collected in VOA Vials? | | NA | | |
| 16. Is the | e 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 r | non-VOC samples collected in the correct containers | s? | Yes | | |
| 19. Is the | appropriate volume/weight or number of sample conta | iners collected? | Yes | | |
| <u>Field La</u> | bel | | | | |
| | field sample labels filled out with the minimum inf | formation: | | | |
| | Sample ID? | | Yes | | |
| | Date/Time Collected? Collectors name? | | Yes | • | |
| | Preservation | | No | | |
| - | the COC or field labels indicate the samples were p | preserved? | No | | |
| | sample(s) correctly preserved? | | NA | | |
| | o filteration required and/or requested for dissolved | metals? | No | | |
| | ase Sample Matrix | | | | |
| | the sample have more than one phase, i.e., multipla | ase? | No | | |
| | s, does the COC specify which phase(s) is to be anal | | NA | | |
| • | ract Laboratory | - | 1.12 ¥ | | |
| | samples required to get sent to a subcontract laborate | ory? | No | | |
| | a subcontract laboratory specified by the client and | | | Subcontract Lab |): na |
| 29. was : | a subcontract nuceratory specified by the eneme and | | | | |

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



envirotech Inc.





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name:

North Bell Lake Unit 4 #015

Work Order: E203065

Job Number: 21022-0001

Received: 3/10/2022

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 3/21/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 3/21/22

Ashley Giovengo 1224 Standpipe Rd Carlsbad, NM 88220

Project Name: North Bell Lake Unit 4 #015 Workorder: E203065 Date Received: 3/10/2022 10:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/10/2022 10:30:00AM, under the Project Name: North Bell Lake Unit 4 #015.

The analytical test results summarized in this report with the Project Name: North Bell Lake Unit 4 #015 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

| | | Sample Summary | | | | | | | | |
|---|---------------|--|--|------------|---------------------------------|--|--|--|--|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | North Bell Lake U 21022-0001 Ashley Giovengo | nit 4 #015 | Reported: 03/21/22 12:39 | | | | | |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container | | | | | |
| CONF21 - 0' | E203065-01A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF22 - 0' | E203065-02A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF23 - 0' | E203065-03A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF24 - 0' | E203065-04A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF25 - 0' | E203065-05A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF26 - 0' | E203065-06A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF27 - 0' | E203065-07A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF28 - 0' | E203065-08A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF29 - 0' | E203065-09A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF30 - 0' | E203065-10A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF31 - 0' | E203065-11A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF32 - 0' | E203065-12A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF33 - 0' | E203065-13A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF34 - 0' | E203065-14A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF35 - 0' | E203065-15A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF36 - 0' | E203065-16A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| CONF37 - 4' | E203065-17A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| 'ONF38 - 4' | E203065-18A | Soil | 03/07/22 | 03/10/22 | Glass Jar, 4 oz. | | | | | |
| | | | | | | | | | | |



| | ~ | | | | | |
|---|--|-------------|---|-------------|----------|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | Project Nam Project Num Project Mana | ber: 2102 | th Bell Lake U 22-0001 ley Giovengo | Jnit 4 #015 | | Reported: 3/21/2022 12:39:38PM |
| | | CONF21 - 0' | | | | |
| | | E203065-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | ile Organic Compounds by EPA 8260B mg/kg mg/kg Analyst: IY | | | | | |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 93.3 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 99.0 % | 70-130 | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Aı | alyst: IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 93.3 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 99.0 % | 70-130 | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Aı | nalyst: JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/15/22 | 03/16/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 105 % | 50-200 | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Aı | alyst: RAS | | Batch: 2212032 |
| Chloride | 5050 | 40.0 | 2 | 03/15/22 | 03/16/22 | |

Sample Data



| | | imple D | | | | | |
|---|--------------------------------|------------|-----------------------|----------------------|----------|----------|----------------|
| Kaiser Francis Oil Company 1224 Standpipe Rd | Project Name: Project Numbe | | h Bell Lak 22-0001 | e Unit 4 | #015 | | Reported: |
| Carlsbad NM, 88220 | Project Manage | | ley Gioven | 3/21/2022 12:39:38PM | | | |
| | C | ONF22 - 0' | | | | | |
| |] | E203065-02 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 91.9 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.4 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 91.9 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.4 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 98.9 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 104 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212032 |
| Chloride | 4300 | 200 | | 10 | 03/15/22 | 03/17/22 | |



| | ~•• | impic D | | | | | |
|--|----------------|------------|------------|----------------------|----------|----------|----------------|
| Kaiser Francis Oil Company | Project Name: | | h Bell Lak | ce Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | | 22-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manage | er: Ash | ley Giover | 3/21/2022 12:39:38PM | | | |
| | C | ONF23 - 0' | | | | | |
| |] | E203065-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | : IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 92.3 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 98.3 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 92.3 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 98.3 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | : JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 42.2 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 105 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212032 |
| Chloride | 2370 | 20.0 | | 1 | 03/15/22 | 03/16/22 | |



| | | mpic D | | | | | |
|---|---------------------------------|------------|-----------------------|-----------|----------------|----------|----------------------|
| Kaiser Francis Oil Company 1224 Standpipe Rd | Project Name: Project Number | | h Bell Lak 22-0001 | ce Unit 4 | 4 #015 | | Reported: |
| Carlsbad NM, 88220 | Project Manage | | ley Giover | ngo | | | 3/21/2022 12:39:38PM |
| | С | ONF24 - 0' | | | | | |
| | I | E203065-04 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | 9 | 93.1 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | 9 | 99.6 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | Batch: 2212022 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | ļ | 93.1 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | 9 | 99.6 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: JL | | | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 44.1 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | ė | 81.0 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | : RAS | | Batch: 2212032 |
| Chloride | 7600 | 200 | | 10 | 03/15/22 | 03/16/22 | |



| | | imple D | | | | |
|--|---------------|-------------|---------------|-------------|----------|----------------------|
| Kaiser Francis Oil Company | Project Name: | Nor | h Bell Lake U | Jnit 4 #015 | | |
| 1224 Standpipe Rd | Project Numbe | er: 2102 | 22-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Giovengo | | | 3/21/2022 12:39:38PM |
| | (| CONF25 - 0' | | | | |
| | | E203065-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | An | alyst: IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/16/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 92.9 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 99.1 % | 70-130 | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | An | alyst: IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 92.9 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 99.1 % | 70-130 | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORC |) mg/kg | mg/kg | An | alyst: JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | An | alyst: RAS | | Batch: 2212032 |
| Chloride | 12700 | 400 | 20 | 03/15/22 | 03/16/22 | |



| | ~ | ampic D | | | | |
|---|---------------------------------|-------------|--------------------------|------------|----------|----------------------|
| Kaiser Francis Oil Company 1224 Standpipe Rd | Project Name: Project Number | | h Bell Lake Ur 2-0001 | nit 4 #015 | | Reported: |
| Carlsbad NM, 88220 | Project Manag | | ey Giovengo | | | 3/21/2022 12:39:38PM |
| | (| CONF26 - 0' | | | | |
| | | E203065-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ana | lyst: IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| -Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| ,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 91.2 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 99.2 % | 70-130 | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/16/22 | |
| urrogate: Bromofluorobenzene | | 91.2 % | 70-130 | 03/15/22 | 03/16/22 | |
| urrogate: 1,2-Dichloroethane-d4 | | 102 % | 70-130 | 03/15/22 | 03/16/22 | |
| urrogate: Toluene-d8 | | 99.2 % | 70-130 | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | lyst: JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 28.8 | 25.0 | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 105 % | 50-200 | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | lyst: RAS | | Batch: 2212032 |
| Chloride | 15300 | 400 | 20 | 03/15/22 | 03/17/22 | |



| | | ample D | uu | | | | |
|--|---------------|-------------|------------|----------|----------------------|----------|----------------|
| Kaiser Francis Oil Company | Project Name: | Nor | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | | 22-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Ash | ley Gioven | | 3/21/2022 12:39:38PM | | |
| | C | CONF27 - 0' | | | | | |
| | - | E203065-07 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 93.1 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 99.7 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 93.1 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 70-130 | | 03/15/22 | 03/16/22 | |
| lurrogate: Toluene-d8 | | 99.7 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212032 |
| Chloride | 9300 | 400 | 2 | 20 | 03/15/22 | 03/17/22 | |



| | | imple D | | | | |
|--|---------------|-------------|--------------|-------------|----------|----------------------|
| Kaiser Francis Oil Company | Project Name: | Nort | | | | |
| 1224 Standpipe Rd | Project Numbe | er: 2102 | 22-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Ash | ley Giovengo | | | 3/21/2022 12:39:38PM |
| | (| CONF28 - 0' | | | | |
| | | E203065-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutic | on Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ar | nalyst: IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| o-Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 93.2 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 98.3 % | 70-130 | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ar | Analyst: IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 93.2 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 103 % | 70-130 | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 98.3 % | 70-130 | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ar | nalyst: JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 1640 | 25.0 | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | 383 | 50.0 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 100 % | 50-200 | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ar | nalyst: RAS | | Batch: 2212032 |
| Chloride | 12800 | 400 | 20 | 03/15/22 | 03/17/22 | |



| | | imple D | | | | | | | | |
|--|---------------|---|----------------------|-------------|----------|----------------|--|--|--|--|
| Kaiser Francis Oil Company | Project Name: | Project Name: North Bell Lake Unit 4 #015 | | | | | | | | |
| 1224 Standpipe Rd | Project Numbe | er: 2102 | 22-0001 | | | Reported: | | | | |
| Carlsbad NM, 88220 | Project Manag | | 3/21/2022 12:39:38PM | | | | | | | |
| | (| CONF29 - 0' | | | | | | | | |
| | | E203065-09 | | | | | | | | |
| | | Reporting | | | | | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes | | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Aı | nalyst: IY | | Batch: 2212022 | | | | |
| Benzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | | | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | | | | | |
| Toluene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | | | | | |
| p-Xylene | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | | | | | |
| o,m-Xylene | ND | 0.0500 | 1 | 03/15/22 | 03/16/22 | | | | | |
| Fotal Xylenes | ND | 0.0250 | 1 | 03/15/22 | 03/16/22 | | | | | |
| Surrogate: Bromofluorobenzene | | 95.6 % | 70-130 | 03/15/22 | 03/16/22 | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 70-130 | 03/15/22 | 03/16/22 | | | | | |
| Surrogate: Toluene-d8 | | 98.6 % | 70-130 | 03/15/22 | 03/16/22 | | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Aı | nalyst: IY | | Batch: 2212022 | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/15/22 | 03/16/22 | | | | | |
| Surrogate: Bromofluorobenzene | | 95.6 % | 70-130 | 03/15/22 | 03/16/22 | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 70-130 | 03/15/22 | 03/16/22 | | | | | |
| Surrogate: Toluene-d8 | | 98.6 % | 70-130 | 03/15/22 | 03/16/22 | | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Aı | nalyst: JL | | Batch: 2212020 | | | | |
| Diesel Range Organics (C10-C28) | 208 | 25.0 | 1 | 03/15/22 | 03/16/22 | | | | | |
| Dil Range Organics (C28-C36) | 109 | 50.0 | 1 | 03/15/22 | 03/16/22 | | | | | |
| Surrogate: n-Nonane | | 98.8 % | 50-200 | 03/15/22 | 03/16/22 | | | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Aı | nalyst: RAS | | Batch: 2212032 | | | | |
| Chloride | 13000 | 400 | 20 | 03/15/22 | 03/17/22 | | | | | |



| | | imple D | uuu | | | | | | |
|--|----------------------------------|-------------|-----------|-----------|--|----------|----------------|--|--|
| Kaiser Francis Oil Company | Project Name: | | h Bell La | ke Unit 4 | #015 | | | | |
| 1224 Standpipe Rd | Project Number | | | | Reported: 3/21/2022 12:39:38PM | | | | |
| Carlsbad NM, 88220 | Project Manager: Ashley Giovengo | | | | | | | | |
| | С | 'ONF30 - 0' | | | | | | | |
| |] | E203065-10 | | | | | | | |
| | | Reporting | | | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212022 | | |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | | | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | | | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | | | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | | | |
| o,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | | | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | | | |
| Surrogate: Bromofluorobenzene | 1 | 96.0 % | 70-130 | | 03/15/22 | 03/16/22 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/16/22 | | | |
| Surrogate: Toluene-d8 | 2 | 99.3 % | 70-130 | | 03/15/22 | 03/16/22 | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | : IY | | Batch: 2212022 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | | | |
| Surrogate: Bromofluorobenzene | | 96.0 % | 70-130 | | 03/15/22 | 03/16/22 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/16/22 | | | |
| Surrogate: Toluene-d8 | | 99.3 % | 70-130 | | 03/15/22 | 03/16/22 | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | JL | | Batch: 2212020 | | |
| Diesel Range Organics (C10-C28) | 751 | 25.0 | | 1 | 03/15/22 | 03/16/22 | | | |
| Oil Range Organics (C28-C36) | 380 | 50.0 | | 1 | 03/15/22 | 03/16/22 | | | |
| Surrogate: n-Nonane | ! | 99.1 % | 50-200 | | 03/15/22 | 03/16/22 | | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212032 | | |
| Chloride | 9150 | 400 | | 20 | 03/15/22 | 03/17/22 | | | |



| | ~• | impic D | | | | | |
|---|--------------------------------|-------------|-----------------------|-------------|----------|----------|----------------------|
| Kaiser Francis Oil Company 1224 Standpipe Rd | Project Name: Project Numbe | | h Bell Lake 2-0001 | e Unit 4 | #015 | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Ash | ey Gioveng | go | | | 3/21/2022 12:39:38PM |
| | 0 | CONF31 - 0' | | | | | |
| | | E203065-11 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilu | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 94.1 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.9 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 97.8 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 94.1 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.9 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 97.8 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: JL | | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 102 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212032 |
| Chloride | 5710 | 40.0 | 2 | 2 | 03/15/22 | 03/17/22 | |



| | | impic D | | | | | |
|--|--------------------------------|-------------|-----------------------|-------------|----------|----------|--|
| Kaiser Francis Oil Company | Project Name: | | h Bell Lal | ke Unit 4 | #015 | | D () |
| 1224 Standpipe Rd Carlsbad NM, 88220 | Project Numbe Project Manag | | 22-0001 ley Giover | 100 | | | Reported: 3/21/2022 12:39:38PM |
| Calisoau INN, 66220 | | | | igo | | | 5/21/2022 12:59:501 W |
| | C | CONF32 - 0' | | | | | |
| | - | E203065-12 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 95.1 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.5 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 95.1 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.5 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 909 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Oil Range Organics (C28-C36) | 401 | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 100 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212032 |
| Chloride | 5200 | 40.0 | | 2 | 03/15/22 | 03/17/22 | |



| | | ample D | ata | | | | |
|--|---------------|-------------|-------------|-------------|----------|----------|----------------------|
| Kaiser Francis Oil Company | Project Name: | Nort | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | er: 2102 | 22-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Ash | ley Gioveng | go | | | 3/21/2022 12:39:38PM |
| | (| CONF33 - 0' | | | | | |
| | | E203065-13 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilu | ition | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/16/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 95.5 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.0 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 97.5 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 95.5 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 99.0 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 97.5 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: JL | | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | : | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 99.8 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212032 |
| Chloride | 8020 | 200 | 1 | 0 | 03/15/22 | 03/17/22 | |



| | | mpic D | | | | | |
|---|---|--------------------|---------------------------------------|-------------|----------------------|----------------------|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | Project Name: Project Number Project Manage | r: 2102 | h Bell Lake 22-0001 ley Gioveng | | 015 | | Reported: 3/21/2022 12:39:38PM |
| | С | ONF34 - 0' | | | | | |
| |] | E203065-14 | | | | | |
| Analyte | Result | Reporting Limit | Dilut | tion | Prepared | Analyzed | Notes |
| - | | | | | - | Anaryzeu | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: IY | | | Batch: 2212022 |
| Benzene | ND | 0.0250 | 1 | | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | | 03/15/22 03/15/22 | 03/16/22 03/16/22 | |
| Coluene | ND ND | 0.0250 0.0250 | 1 | | 03/15/22 | 03/16/22 | |
| -Xylene | ND | 0.0230 | 1 | | 03/15/22 | 03/16/22 | |
| o,m-Xylene fotal Xylenes | ND | 0.0250 | 1 | | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 93.2 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 98.6 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | I | Analyst: IY | | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 93.2 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | ! | 98.6 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | I | Analyst: JL | | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | ! | 99.2 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | Analyst: RA | AS | | Batch: 2212032 |
| Chloride | 9560 | 400 | 20 |) | 03/15/22 | 03/17/22 | |



| | | imple D | uu | | | | |
|--|---------------|-------------|------------|----------|----------|----------|----------------------|
| Kaiser Francis Oil Company | Project Name: | Nor | h Bell Lak | e Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | | 22-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | er: Ash | ley Gioven | go | | | 3/21/2022 12:39:38PM |
| | C | CONF35 - 0' | | | | | |
| |] | E203065-15 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| -Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| ,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 94.9 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/16/22 | |
| urrogate: Toluene-d8 | | 98.8 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 94.9 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/16/22 | |
| urrogate: Toluene-d8 | | 98.8 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 34.4 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| urrogate: n-Nonane | | 98.7 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212032 |
| Chloride | 5330 | 400 | 2 | 20 | 03/15/22 | 03/17/22 | |



| | | imple D | utu | | | | |
|--|----------------|-------------|------------|-----------|----------|----------|----------------------|
| Kaiser Francis Oil Company | Project Name: | Nor | h Bell Lak | te Unit 4 | #015 | | |
| 1224 Standpipe Rd | Project Numbe | | 22-0001 | | | | Reported: |
| Carlsbad NM, 88220 | Project Manage | er: Ash | ley Giover | igo | | | 3/21/2022 12:39:38PM |
| | C | 'ONF36 - 0' | | | | | |
| |] | E203065-16 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Toluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 91.4 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 98.4 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 91.4 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 70-130 | | 03/15/22 | 03/16/22 | |
| urrogate: Toluene-d8 | | 98.4 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 531 | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | 264 | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 98.2 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst | RAS | | Batch: 2212032 |
| Chloride | 4950 | 200 | | 10 | 03/15/22 | 03/17/22 | |



| | | ampic D | uu | | | | |
|---|--|--------------------|-----------------------------------|----------|----------|----------|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | Project Name: Project Numb Project Manag | er: 2102 | h Bell Lak 2-0001 ey Giover | | #015 | | Reported: 3/21/2022 12:39:38PM |
| | (| CONF37 - 4' | | | | | |
| | | E203065-17 | | | | | |
| Analyte | Result | Reporting Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Ethylbenzene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| foluene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| o-Xylene | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| p,m-Xylene | ND | 0.0500 | | 1 | 03/15/22 | 03/16/22 | |
| Total Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 91.2 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 99.4 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst | IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: Bromofluorobenzene | | 91.2 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Surrogate: Toluene-d8 | | 99.4 % | 70-130 | | 03/15/22 | 03/16/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | JL | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 103 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212032 |
| Chloride | 785 | 20.0 | | 1 | 03/15/22 | 03/17/22 | |



| | | ampic D | | | | | |
|--|-------------------------------|-------------|-----------------------|----------|----------|----------|--|
| Kaiser Francis Oil Company | Project Name: | | h Bell Lak | e Unit 4 | #015 | | D (1 |
| 1224 Standpipe Rd Carlsbad NM, 88220 | Project Numb Project Manag | | 22-0001 ley Gioven | 90 | | | Reported: 3/21/2022 12:39:38PM |
| Curisoud 1414, 00220 | | - | | 50 | | | 0,21,2022 1210,100111 |
| | (| CONF38 - 4' | | | | | |
| | | E203065-18 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilu | ition | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Benzene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/17/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/17/22 | |
| Toluene | ND | 0.0250 | : | 1 | 03/15/22 | 03/17/22 | |
| p-Xylene | ND | 0.0250 | 1 | 1 | 03/15/22 | 03/17/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 1 | 03/15/22 | 03/17/22 | |
| Fotal Xylenes | ND | 0.0250 | | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 91.7 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.6 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: | IY | | Batch: 2212022 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 1 | 03/15/22 | 03/17/22 | |
| Surrogate: Bromofluorobenzene | | 91.7 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 100 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Surrogate: Toluene-d8 | | 99.6 % | 70-130 | | 03/15/22 | 03/17/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | Л | | Batch: 2212020 |
| Diesel Range Organics (C10-C28) | 28.0 | 25.0 | : | 1 | 03/15/22 | 03/16/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | | 1 | 03/15/22 | 03/16/22 | |
| Surrogate: n-Nonane | | 102 % | 50-200 | | 03/15/22 | 03/16/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: | RAS | | Batch: 2212032 |
| Chloride | 1490 | 40.0 | 2 | 2 | 03/15/22 | 03/17/22 | |



QC Summary Data

| Kaiser Francis Oil Company 1224 Standpipe Rd | | Project Name: Project Number: | | orth Bell Lake U 022-0001 | Unit 4 #0 | 15 | | | Reported: | | | |
|---|--------|----------------------------------|--------|------------------------------|-----------|---------------|--------------|--------------|--------------------|--|--|--|
| Carlsbad NM, 88220 | | Project Manager: | | shley Giovengo | | | | 3/ | 21/2022 12:39:38PM | | | |
| | | | | | | | | | | | | |
| | | Volatile Organic | Compou | unds by EPA | A 82601 | 3 | | Analyst: IY | | | | |
| Analyte | | Reporting Limit | Spike | Source Result | D | Rec Limits | DDD | RPD Limit | | | | |
| | Result | | Level | | Rec | | RPD | Limit | N T | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | | |
| Blank (2212022-BLK1) | | | | | | | Prepared: 0 | 3/15/22 Ana | lyzed: 03/17/22 | | | |
| Benzene | ND | 0.0250 | | | | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.467 | | 0.500 | | 93.3 | 70-130 | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.505 | | 0.500 | | 101 | 70-130 | | | | | | |
| Surrogate: Toluene-d8 | 0.504 | | 0.500 | | 101 | 70-130 | | | | | | |
| L (2) (2012022 DS1) | | | | | | | Proparad: 0 | 2/15/22 And | lyzed: 03/17/22 | | | |
| LCS (2212022-BS1) | | | | | | | Flepareu. 0. | 5/15/22 Alla | ilyzed. 03/1//22 | | | |
| Benzene | 2.72 | 0.0250 | 2.50 | | 109 | 70-130 | | | | | | |
| Ethylbenzene | 2.78 | 0.0250 | 2.50 | | 111 | 70-130 | | | | | | |
| Toluene | 2.80 | 0.0250 | 2.50 | | 112 | 70-130 | | | | | | |
| p-Xylene | 2.67 | 0.0250 | 2.50 | | 107 | 70-130 | | | | | | |
| p,m-Xylene | 5.36 | 0.0500 | 5.00 | | 107 | 70-130 | | | | | | |
| Total Xylenes | 8.03 | 0.0250 | 7.50 | | 107 | 70-130 | | | | | | |
| Surrogate: Bromofluorobenzene | 0.481 | | 0.500 | | 96.1 | 70-130 | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.499 | | 0.500 | | 99.7 | 70-130 | | | | | | |
| Surrogate: Toluene-d8 | 0.518 | | 0.500 | | 104 | 70-130 | | | | | | |
| Matrix Spike (2212022-MS1) | | | | Source: E | 203065- | 03 | Prepared: 0 | 3/15/22 Ana | lyzed: 03/17/22 | | | |
| Benzene | 2.74 | 0.0250 | 2.50 | ND | 110 | 48-131 | | | | | | |
| Ethylbenzene | 2.82 | 0.0250 | 2.50 | ND | 113 | 45-135 | | | | | | |
| Toluene | 2.82 | 0.0250 | 2.50 | ND | 113 | 48-130 | | | | | | |
| p-Xylene | 2.73 | 0.0250 | 2.50 | ND | 109 | 43-135 | | | | | | |
| p,m-Xylene | 5.45 | 0.0500 | 5.00 | ND | 109 | 43-135 | | | | | | |
| Total Xylenes | 8.18 | 0.0250 | 7.50 | ND | 109 | 43-135 | | | | | | |
| Surrogate: Bromofluorobenzene | 0.480 | | 0.500 | | 96.0 | 70-130 | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.503 | | 0.500 | | 101 | 70-130 | | | | | | |
| Surrogate: Toluene-d8 | 0.512 | | 0.500 | | 102 | 70-130 | | | | | | |
| Matrix Spike Dup (2212022-MSD1) | | | | Source: E | 203065-0 | 03 | Prepared: 0 | 3/15/22 Ana | lyzed: 03/17/22 | | | |
| Benzene | 2.68 | 0.0250 | 2.50 | ND | 107 | 48-131 | 2.08 | 23 | , | | | |
| | 2.08 | 0.0250 | 2.50 | ND | 111 | 45-131 | 1.97 | 23 | | | | |
| Ethylbenzene | 2.77 | | 2.50 | ND | 111 | 43-133 | 2.00 | 27 | | | | |
| Toluene | | 0.0250 | | | | | | 24 27 | | | | |
| p-Xylene | 2.67 | 0.0250 | 2.50 | ND | 107 | 43-135 | 1.94 | | | | | |
| p,m-Xylene | 5.30 | 0.0500 | 5.00 | ND | 106 | 43-135 | 2.84 | 27 | | | | |
| Total Xylenes | 7.98 | 0.0250 | 7.50 | ND | 106 | 43-135 | 2.54 | 27 | | | | |
| Surrogate: Bromofluorobenzene | 0.484 | | 0.500 | | 96.8 | 70-130 | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.502 | | 0.500 | | 100 | 70-130 | | | | | | |
| Surrogate: Toluene-d8 | 0.517 | | 0.500 | | 103 | 70-130 | | | | | | |



QC Summary Data

| | | $\mathbf{x} \in \mathbf{v}$ | | ary Date | | | | | |
|---|--------|--|----------------|---|----------|---------------|-------------|--------------|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | : | North Bell Lake 21022-0001 Ashley Gioveng | | 15 | | | Reported: 3/21/2022 12:39:38PM |
| | No | onhalogenated O | rganic | s by EPA 80 | 15D - GI | RO | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2212022-BLK1) | | | | | | | Prepared: 0 | 3/15/22 | Analyzed: 03/17/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.467 | | 0.500 | | 93.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.505 | | 0.500 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.504 | | 0.500 | | 101 | 70-130 | | | |
| LCS (2212022-BS2) | | | | | | | Prepared: 0 | 3/15/22 | Analyzed: 03/17/22 |
| Gasoline Range Organics (C6-C10) | 60.0 | 20.0 | 50.0 | | 120 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.478 | | 0.500 | | 95.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.513 | | 0.500 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.517 | | 0.500 | | 103 | 70-130 | | | |
| Matrix Spike (2212022-MS2) | | | | Source: | E203065- | 03 | Prepared: 0 | 3/15/22 | Analyzed: 03/17/22 |
| Gasoline Range Organics (C6-C10) | 58.6 | 20.0 | 50.0 | ND | 117 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.477 | | 0.500 | | 95.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.487 | | 0.500 | | 97.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.518 | | 0.500 | | 104 | 70-130 | | | |
| Matrix Spike Dup (2212022-MSD2) | | | | Source: | E203065- | 03 | Prepared: 0 | 3/15/22 | Analyzed: 03/17/22 |
| Gasoline Range Organics (C6-C10) | 59.5 | 20.0 | 50.0 | ND | 119 | 70-130 | 1.51 | 20 | |
| Surrogate: Bromofluorobenzene | 0.475 | | 0.500 | | 95.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.476 | | 0.500 | | 95.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.512 | | 0.500 | | 102 | 70-130 | | | |



QC Summary Data

| | | QU N | | ary Data | • | | | | |
|---|----------------------------------|----------------------------------|----------------|-------------------------------|-----------|---------------|-------------|--------------|----------------------|
| Kaiser Francis Oil Company 1224 Standpipe Rd | | Project Name: Project Number: | | North Bell Lake 21022-0001 | Unit 4 #0 | 15 | | | Reported: |
| Carlsbad NM, 88220 | Project Manager: Ashley Giovengo | | | | | | | | 3/21/2022 12:39:38PM |
| | Nonh | alogenated Org | anics by | y EPA 8015D |) - DRO | /ORO | | | Analyst: JL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2212020-BLK1) | | | | | | | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 53.8 | | 50.0 | | 108 | 50-200 | | | |
| LCS (2212020-BS1) | | | | | | | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 |
| Diesel Range Organics (C10-C28) | 446 | 25.0 | 500 | | 89.1 | 38-132 | | | |
| Surrogate: n-Nonane | 50.3 | | 50.0 | | 101 | 50-200 | | | |
| Matrix Spike (2212020-MS1) | | | | Source: | E203065- | 08 | Prepared: 0 | 3/15/22 A | analyzed: 03/16/22 |
| Diesel Range Organics (C10-C28) | 1930 | 25.0 | 500 | 1640 | 59.7 | 38-132 | | | |
| Surrogate: n-Nonane | 52.3 | | 50.0 | | 105 | 50-200 | | | |
| Matrix Spike Dup (2212020-MSD1) | | | | Source: | E203065- | 08 | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Diesel Range Organics (C10-C28) | 2080 | 25.0 | 500 | 1640 | 88.7 | 38-132 | 7.24 | 20 | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 50-200 | | | |



QC Summary Data

| | | | - | J | | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|-------------|---------------|-------------|--------------|----------------------|
| Kaiser Francis Oil Company | | Project Name: | | North Bell Lake | e Unit 4 #0 | 15 | | | Reported: |
| 1224 Standpipe Rd | | Project Number: | | 21022-0001 | | | | | |
| Carlsbad NM, 88220 | | Project Manager: | : | Ashley Gioveng | go | | | | 3/21/2022 12:39:38PM |
| | | Anions | by EPA | 300.0/9056A | 4 | | | | Analyst: RAS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2212032-BLK1) | | | | | | | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2212032-BS1) | | | | | | | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Chloride | 259 | 20.0 | 250 | | 103 | 90-110 | | | |
| Matrix Spike (2212032-MS1) | | | | Source: | E203065- | 01 | Prepared: 0 | 3/15/22 A | nalyzed: 03/16/22 |
| Chloride | 5710 | 40.0 | 250 | 5050 | 263 | 80-120 | | | M2 |
| Matrix Spike Dup (2212032-MSD1) | | | | Source: | E203065- | 01 | Prepared: 0 | 3/15/22 A | nalyzed: 03/17/22 |
| Chloride | 5390 | 40.0 | 250 | 5050 | 135 | 80-120 | 5.78 | 20 | M2 |

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.



| Kaiser Francis Oil Company | Project Name: | North Bell Lake Unit 4 #015 | |
|----------------------------|------------------|-----------------------------|----------------|
| 1224 Standpipe Rd | Project Number: | 21022-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 03/21/22 12:39 |

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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



envirotech Inc.

PO:32471

| Project Ir | nformation | ı | | | | | | | Chain | of Custody | / | | | | | | P | 0:3 | 32 | 47 | F1 | | Page _ | of 4 |
|-----------------|--------------------|--------------|----------------------|---------------|--|---------|-------------|---------------|--------------------------------|---------------|-----------------|-----------------|---------|-------------|-------------|------------|---------|-----------|---------|------------|---------|------------------------------------|--------------|-----------------|
| Client: K | aiser Fran | cis Oil Co |) | | | | | Bill T | o | | | | La | b Us | e On | lv | | 1 | - | TA | AT | | EPA P | rogram |
| | North Bel | | | | | Attent | tion: We | escom Inc | | | Lab | WO# | | | | Vumb | er | 1D | 2D | 3D | | andard | CWA | SDWA |
| roject N | Aanager: | Ashley G | iovengo | | | | | Standpip | | | F | 202 | 300 | | | | 1000 | | | | 1.1 | х | | |
| ddress: | 1224 Sta | ndpipe F | ld | | 1. | City, S | state, Zip: | Carlsbad | , NM 88220 | 0 | | | | | | | Metho | | | | | | J | RCRA |
| ity, Stat | e, Zip: Ca | rlsbad, N | IM 88220 |) | | Phone | e: 505-38 | 32-1211 | and the second | | | | | - | | | | | | | - 1 - | Na C.I | | |
| none: 5 | 505-382-1 | 211 | | | 1 | Email: | ashley. | giovengo@ | wescomin | c.com | 15 | 15 | | | | | | | | | | | State | |
| nail: a | shley.giov | engo@w | escomine | c.com | | | | and the bear | | | y 80 | y 80 | 11 | 0 | 0 | 300.0 | | MN | | | | NM CO | UT AZ | TX |
| eport d | ue by: | | | | 1 and | 1 | | | | - | ROb | RO b | / 8021 | 826 | 601(| e 30 | | | TX. | | 1.1 | × | | 1.0 |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID |) | | | | | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by | VOC by 8260 | Metals 6010 | Chloride : | | BGDOC | BGDOC | | | | Remarks | 5 |
| 11:21 | 3/7/22 | Soil | 1 Jar | | | CO | NF21 - 0' | | | 1 | | | | | | | | x | | | | | | |
| 1:27 | 3/7/22 | Soil | 1 Jar | | | CO | NF22 - 0' | | | 2 | | | | | | | | x | | | | | | |
| 1:30 | 3/7/22 | Soil | 1 Jar | | | СО | NF23 - 0' | | | 3 | | | | | | | | x | | | | | | |
| 11:34 | 3/7/22 | Soil | 1 Jar | | | СО | NF24 - 0' | | | 4 | | | | | | | | x | | | | | | |
| 1:37 | 3/7/22 | Soil | 1 Jar | | | СО | NF25 - 0' | | | 5 | | | | | | | | x | | | | | | |
| 1:42 | 3/7/22 | Soil | 1 Jar | | | СО | NF26 - 0' | | | 6 | | | | | | | | x | | | | | | |
| 1:48 | 3/7/22 | Soil | 1 Jar | | | СО | NF27 - 0' | | | 7 | | | | | | | | x | | | | | | |
| 1:56 | 3/7/22 | Soil | 1 Jar | | | CO | NF28 - 0' | | | 8 | | | | | | | | x | | | | | | |
| 2:01 | 3/7/22 | Soil | 1 Jar | | | СО | NF29 - 0' | | | 9 | | Đ, | | | | | | x | | | | | | |
| 2:04 | 3/7/22 | Soil | 1 Jar | 1 | | CO | NF30 - 0' | | | 10 | | | | | | | | x | | | | | | |
| dition | al Instruct | ions: K | ept on ic | e, Please | CC: cole.b | ourton | @wescor | minc.com | , shar.harvo | ester@we | scom | inc.c | om, | ashle | ey.gio | oveng | o@wes | comi | nc.co | om | | | | |
| or time | of collection i | s considered | fraud and n | nay be ground | ds for legal ac | tion. | 5 | ampled by: | ionally mislabel | | | on, | | | | | | p above | 0 but l | ess than | 6 °C oi | d on ice the day n subsequent d | | pled or receive |
| | d by: (Signa BM | | Date 3. | 9-27 | Time | 1 | 03 | : (Signature) | the | Date 3.9. | 22 | Time | 120 | 1 | Rec | eived | on ice: | | ab U | se Or N | nly | | | |
| X | d by: (Signat | sh | | 9.22 | Time 143 | 0 (| ali | : (Signature) | A | Date 3.10. | 22 | Time | 5:0 | a | <u>T1</u> | | | <u>T2</u> | | | | <u>T3</u> | | |
| Inquishe | d by: (Signa | ture) | Date | | Time | R | eceived by: | : (Signature) | | Date | | Time | | | AVC | 5 Tem | p°C L | 4 | - | | | | | |
| | ix: S - Soil, Sd | | | | A SA | _ | | | | Containe | | | | | | | | | | | | | | |
| | | | | | | | | | e. Hazardous f the laborato | | | | | | | | | ent ex | pense | . The | repo | rt for the an | alysis of th | e above |
| | | | | | | | | | Page | e 29 of 33 | | | | (| E | 3 | e | n | V | 'i | r | 01 | e | C |

Reference information

| Project li | nformatio | n | | | | Chair | n of Custody | / | | | | | | | | | | | | Page | Y of Y |
|-------------------|--------------------|-----------------|---------------|---------------------------------|--|---|-------------------|-----------------|-----------------|--------------|-------------|--|------------------------|---------|-----------|---------|-------|----------|-------------------------------|---------------|------------------|
| Client: k | aiser Fran | ris Oil Co | 1 | | 2.8.7 | Bill To | | 1 | | 12 | ab Us | e Or | h | | 1 | | Т | AT | | EDA I | Program |
| | North Bel | | - | | Att | ention: Wescom Inc | | | | | | Job Number | | | 1D | 20 | 3D | | ndard | CWA | SDWA |
| | Aanager: | | | | | dress: 1224 Standpipe Rd | | | WO# | | | | | 0001 | | 20 | 50 | 0.00 | x | Curr | JUNA |
| | 1224 Sta | | | , State, Zip: Carlsbad, NM 8822 | 20 | -0 | QC | 100 | 0 | Anal | vsis and | Metho | d | | - | | | 1 | RCRA | | |
| | e, Zip: Ca | | |) | | one: 505-382-1211 | | | | 1 | - | 1 | | | <u> </u> | 1 | | | | - | nenn |
| 1 | 505-382-1 | | | | | ail: ashley.giovengo@wescomii | nc com | 1 5 | S. | | 6.11 | | | | | | | | | State | |
| | shley.giov | | escomino | c.com | | an ashev.giovengo@wesconn | 110.00111 | 801 | 801 | - | 1 | | 0 | | 1 | | | - | NM CO | 1 2 2 P 2 P | TX |
| Report d | | | | | | | | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | MN | ¥ | | | × | | |
| Time | Date | 1.1.1.1 | No. of | | | | Lab | /OR | /DR | γþλ | by 8 | als 6 | ride | | oc | SC | | | | 1 1 | |
| Sampled | Sampled | Matrix | Containers | Sample ID | | | Number | DRO | GRO | BTE) | VOC | Met | Chlo | 1.1 | BGDOC | BGDOC | | | | Remark | S |
| 12:06 | 3/7/22 | Soil | 1 Jar | | | CONF31 - 0' | 11 | | | | | | | | x | | | | | | |
| 12:10 | 3/7/22 | Soil | 1 Jar | | | CONF32 - 0' | 12 | | | | | | | | x | | | | | | |
| 12:14 | 3/7/22 | Soil | 1 Jar | | | CONF33 - 0' | 13 | | | | | | | | x | | | | - | | |
| 12:17 | 3/7/22 | Soil | 1 Jar | | | CONF34 - 0' | 14 | | | | | | | | x | | | | | | |
| 12:18 | 3/7/22 | Soil | 1 Jar | | | CONF35 - 0' | 15 | | | | | | | | x | | | | | | |
| 12:28 | 3/7/22 | Soil | 1 Jar | | | CONF36 - 0' | 10 | | | | | | | | x | | | | | | |
| 12:33 | 3/7/22 | Soil | 1 Jar | | | CONF37 - 0' | 17 | | | | | | | | x | | | | | | |
| 12:37 | 3/7/22 | Soil | 1 Jar | | | CONF38 - 0' | 18 | | | | | | | | x | | | | | | |
| | | | | | | | | | | | | | | | x | | | | | | |
| Addition | al Instruc | tional | (ont on is | Diana Diana | CC: colo hurt | on@wescominc.com, shar.harv | unctor@www | | inco | | | | | | x | | | | | | |
| Aution | iai moti uc | cions. I | cept on it | e, mease | cc. cole.built | one wesconnic.com, sharmarv | ester @ wes | com | me.e. | onn, a | asine | y.Bro | venge | West | .01111 | 10.00 | m | | | | |
| No. of the second | | | | | mple. I am aware Is for legal action. | that tampering with or intentionally mislabe Sampled by: | elling the sample | locati | on, | | | 1. | | | | | | | n ice the day ubsequent di | | bled or received |
| Relinguish | ed by: (Sign: | ature) | Date | -9-22 | Time 11.24 | Received by: (Signature) | Date 3.9.2 | 22 | Time | 124 | , | Rec | eived o | on ice: | | | se On | ly | | | |
| | ed by: (Sign: | | Date 3 | .9.22 | Time 1430 | Received by: (Signature) | Date 3.10. | 20 | Time |).3 | - | T1 | | | <u>T2</u> | | | | ТЗ | _ | |
| Relinquish | ed by: (Signa | ature) | Date | | Time | Received by: (Signature) | Date | | Time | | | AVG | G Temp | °c I | 4 | | | | | | |
| Sample Ma | trix: S - Soil, Se | d - Solid, Sg - | Sludge, A - A | Aqueous, O - O | ther | 1 | Containe | Туре | 2:g-1 | glass. | p - p | 1.000 | Contract in the second | - | er glas | ss, v - | VOA | | | | |
| Note: Sam | ples are disc | arded 30 d | lays after re | sults are rep | orted unless oth | er arrangements are made. Hazardou: th this COC. The liability of the laborato | s samples will | be ret | turnec | to cli | ent or | r dispo | osed of a | | | | | report f | or the an | alysis of the | e above |
| | | 2 | | | | Page | e 30 of 33 | | | | (| e | 3 | e | n | V | i | r | ot | e | cł |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| lient: | Kaiser Francis Oil Company | Date Received: | 03/10/22 10 | :30 | Work Order ID: E203065 |
|------------|---|-----------------------|-------------|-------------------|---|
| hone: | (505) 382-1211 | Date Logged In: | 03/10/22 11 | :29 | Logged In By: Alexa Michaels |
| Email: | | Due Date: | 03/16/22 17 | 2:00 (4 day TAT) | |
| Chain of | f Custody (COC) | | | | |
| | he sample ID match the COC? | | Yes | | |
| 2. Does t | he number of samples per sampling site location mate | h the COC | Yes | | |
| 3. Were s | samples dropped off by client or carrier? | | Yes | Carrier: <u>U</u> | JPS |
| 4. Was th | ne COC complete, i.e., signatures, dates/times, request | ed analyses? | Yes | | |
| 5. Were a | all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssior | | Yes | | Comments/Resolution |
| Sample ' | <u> Turn Around Time (TAT)</u> | | | | |
| 6. Did th | e COC indicate standard TAT, or Expedited TAT? | | Yes | | Project has been seperated into 2 reports |
| Sample | <u>Cooler</u> | | | | due to amount of samples. Workorders an |
| 7. Was a | sample cooler received? | | Yes | | as follows: |
| 8. If yes, | was cooler received in good condition? | | Yes | | E203065 COC page 3&4 of 4, E203066 |
| 9. Was th | he sample(s) received intact, i.e., not broken? | | Yes | | COC page 1&2 of 4. |
| 10. Were | custody/security seals present? | | No | | COC page 1 α 2 of 4. |
| 11. If yes | s, were custody/security seals intact? | | NA | | |
| 12. Was tl | he sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling | <i>,</i> | Yes | | |
| 13. If no | visible ice, record the temperature. Actual sample t | emperature: <u>4°</u> | <u>°C</u> | | |
| Sample | Container | - <u> </u> | | | |
| | aqueous VOC samples present? | | No | | |
| | VOC samples collected in VOA Vials? | | NA | | |
| 16. Is the | e 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 r | non-VOC samples collected in the correct containers? | | Yes | | |
| 19. Is the | appropriate volume/weight or number of sample contained | ers collected? | Yes | | |
| Field La | <u>bel</u> | | | | |
| 20. Were | field sample labels filled out with the minimum infor | mation: | | | |
| | Sample ID? | | Yes | | |
| | Date/Time Collected? | | Yes | | |
| | Collectors name? | | No | | |
| | <u>Preservation</u> the COC or field labels indicate the samples were pre | served? | No | | |
| | sample(s) correctly preserved? | | NA | | |
| | o filteration required and/or requested for dissolved me | etals? | No | | |
| | ase Sample Matrix | | 1.0 | | |
| | the sample have more than one phase, i.e., multiphase | <u>-</u> ? | No | | |
| | s, does the COC specify which phase(s) is to be analyz | | NA | | |
| | ract Laboratory | | 11/1 | | |
| | ract Laboratory samples required to get sent to a subcontract laboratory | -9 | No | | |
| 28 1 | | | | | |

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



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Project Information

Chain of Custody

PO:32471

Received by OCD: 6/10/2022 10:47:32 AM

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| Client: Kaiser Francis Oil Co Project: North Bell Lake Unit 4 #015 | | | | | | Bill To | | | Lab Use Only | | | | | TAT | | | EPA Pr | rogram | | | |
|--|--|--|---|--|--|--|---|------------|-----------------|--------------|-------------|-------------|----------------|---|-------------|--------|-------------|--------|-----------------------|--------------|-----------------|
| and the second sec | and the second state of the state of the second state of the secon | the second s | Correct a sector developing warmer and believes | | | ttention: Wescom Inc | The second se | Lab | WO# | ŧ d | | | Num | | | 2D | 3D | Stan | dard | CWA | SDWA |
| | Aanager: | | | | COLUMN THE PARTY OF THE PARTY O | ddress: 1224 Standpipe Rd | Sugar in a | Ec | 202 | 30 | 15 | ak | 582 | -0001 | | | | | x | | 1000 |
| A second bird, in such as a property of the second bird. | 1224 Sta | | | and the second sec | Ci | ty, State, Zip: Carlsbad, NM 8822 | 0 | | | | | Anal | ysis a | nd Metho | d | | 100 | 1 | | | RCRA |
| | e, Zip: Ca | | IM 88220 | | PI | none: 505-382-1211 | | | | | | 1 | | | | | | | and a source of the | | |
| | 505-382-1 | | in the second | | Er | mail: ashley.giovengo@wescomin | c.com | 8015 | 15 | | | | | | | | | | | State | |
| | shley.giov | engo@w | escomino | .com | | | | | y 80 | 12 | 0 | 0 | 0.0 | | Σ | 1 | | N | M CO | UT AZ | TX |
| Report d | ue by: | | | | | | . The second | 30 h | 30 b | 80 | 826 | 601 | e 30 | | MN | ¥ | | | × | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | | Lab Number | DRO/ORO by | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | BGDOC | BGDOC | | | | Remarks | |
| 11:21 | 3/7/22 | Soil | 1 Jar | | | CONF21 - 0' | 1 | | | | | | | | x | | | | | | |
| 11:27 | 3/7/22 | Soil | 1 Jar | | | CONF22 - 0' | 2 | | | | | | | | x | | | | | | |
| 11:30 | 3/7/22 | Soil | 1 Jar | | | CONF23 - 0' | 3 | | | | | | | | x | | | | | | |
| 11:34 | 3/7/22 | Soil | 1 Jar | | | CONF24 - 0' | 4 | | | | | | | | x | | | | | | |
| 11:37 | 3/7/22 | Soil | 1 Jar | | | CONF25 - 0' | 5 | | | | | | | | x | | | | | | |
| 11:42 | 3/7/22 | Soil | 1 Jar | | | CONF26 - 0' | 6 | | | | | | | | x | | | | | | |
| 11:48 | 3/7/22 | Soil | 1 Jar | | | CONF27 - 0' | 7 | | | | | | | | x | | | | | | |
| 11:56 | 3/7/22 | Soil | 1 Jar | | | CONF28 - 0' | 8 | | | | | | | | x | | | | | | |
| 12:01 | 3/7/22 | Soil | 1 Jar | | | CONF29 - 0' | 9 | | | | 1 | | | | x | | | | 1 | | |
| 12:04 | 3/7/22 | Soil | 1 Jar | | | CONF30 - 0' | 10 | | | | | | | | x | | | | | | |
| Addition | al Instruc | tions: H | (ept on ic | e, Please (| CC: cole.bu | ton@wescominc.com, shar.harv | ester@we | scom | ninc.c | com, | ashl | ey.gi | oven | go@wes | comi | nc.co | om | | | | |
| 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | nple. I am awar s for legal action | e that tampering with or intentionally mislabe n. Sampled by: | lling the sampl | e locat | tion, | | | 1.0 | | airing thermal at an avg ten | | | | | and the second second | | led or received |
| | ed by: (Signa | ature) | Date 3. | 9-27 | Time 11:24 | Received by: (Signature) | Date 3.9. | 22 | Time | 1/20 | 4 | Re | ceive | d on ice: | 10 CO 10 CO | | lse Or N | nly | | | |
| Relinquish | ed by: (Signa | sture) | Date 3 | 9.22 | Time 1430 | Received by: (Signatore) | Date 3:10 | 22 | Time | 5:2 | 30 | T1 | | | T2 | | | т | 3 | | |
| Relinquish | ed by: (Signa | ature) | Date | | Time | Received by: (Signature) | Date | | Time | 2 | | AV | G Tei | np°C_(| 4 | | | | | | |
| Sample Mat | rix: S - Soil, Sc | I - Solid, Sg - | Sludge, A - A | queous, O - Ot | ther | the second s | Containe | er Typ | e:g- | glass | p - 1 | | | , ag - aml | | ass, v | - VOA | | | | |
| Note: Sam | ples are disc | arded 30 d | lays after re | sults are rep | orted unless o | ther arrangements are made. Hazardou: with this COC. The liability of the laborato | s samples wi | ll be re | eturne | d to c | lient o | or disp | osed | of at the cli | | | | | or the ana | lysis of the | above |
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Project Information

Chain of Custody

Received by OCD: 6/10/2022 10:47:32 AM

Page 133 of 156

| Client: Kaiser Francis Oil Co Project: North Bell Lake Unit 4 #015 | | | | | | Bill To | | | | L | ab U | se Or | nly | | 25-R | 1 | | TA | AT | | EPA P | rogram | |
|---|-----------------------|-------------------------|----------------------|---------------|---|----------------|---|--------------|-----------------|-----------------|--------------|-------------|--------------|----------------|---------|---------|-----------|----------------|-----------|--|------------------------------|---------------------|---------------|
| roject: | North Bel | I Lake Un | it 4 #015 | | ALL | Atte | ntion: Wescom Inc | - Entra | | b WO | | | | Num | | | 1D | 2D | 3D | Star | ndard | CWA | SDW. |
| roject N | lanager: | Ashley Gi | ovengo | | 20 | Add | ress: 1224 Standpipe Rd | | E2030(05 | | | 05 | 12/1022-0001 | | | DI | 1 | | | | x | | |
| ddress: | 1224 Sta | ndpipe R | d | | | City, | State, Zip: Carlsbad, NM 88. | 220 | | - | | | Anal | ysis a | nd Me | thod | 1 | | | in the second se | The second | / | RCRA |
| ity, State | e, Zip: Ca | rlsbad, N | M 88220 | | | Phor | ne: 505-382-1211 | | - | | | | | | | | | | | | all a second | | |
| | 05-382-1 | 100 March 100 March 100 | | | | Ema | il: ashley.giovengo@wescon | ninc.com | S | S | | | | | | | | | | 1 | Contraction of the second | State | -1, |
| mail: as | hley.giov | engo@w | escominc | .com | | | | | 80 | 80 | | | | 0 | | | | | | N | MICO | UT AZ | TXI |
| eport di | THE REAL PROPERTY. | | | | | | | | d o | 0 ph | 802 | 260 | 010 | 300 | | | WN | ¥ | | The second se | × | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | | | Lab Numb | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | | BGDOC | BGDOC | | | ×1 | Remarks | |
| 12:06 | 3/7/22 | Soil | 1 Jar | | | С | ONF31 - 0' | 11 | | | | > | - | 0 | | | x | â | | | | | |
| 12:10 | 3/7/22 | Soil | 1 Jar | | | С | ONF32 - 0' | 12 | | | | | | | | | x | | | | | | |
| 12:14 | 3/7/22 | Soil | 1 Jar | | | С | ONF33 - 0' | 13 | | | | | | | | | x | | | | | | |
| 12:17 | 3/7/22 | Soil | 1 Jar | | | C | ONF34 - 0' | 14 | | | | | | | | | x | | | | | | |
| 12:18 | 3/7/22 | Soil | 1 Jar | | | C | ONF35 - 0' | K | , | | | | | | | | x | | | | | | |
| 12:28 | 3/7/22 | Soil | 1 Jar | | | | ONF36 - 0' | 16 |) | | | | | | | | x | | | | | | |
| 12:33 | 3/7/22 | Soil | 1 Jar | | | | ONF37-0- NF 37-4' | FI | | | | | | | | | x | | | | | | |
| 12:37 | 3/7/22 | Soil | 1 Jar | | 1 | con | ONF38-0-4' | 18 | | | | | | | | | x | | | | | | |
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| | ed by: (Sign | | | -9-22 | | 24 | Received by: (Signature) | | . 22 | | 120 | 1 | Rec | eivec | l on id | ce: | | y N | se On | ly | | | |
| A | ed by: (Sign | sh | | 9.22 | Time 14 | 30 | Received by: (Signature) | Date 3.10 | 5.2 | | 2:2 | 2 | <u>T1</u> | | | | <u>T2</u> | | | I | 3 | | |
| Relingerish | ed by: /Sign | ature) | Date | | Time | | Received by: (Signature) | Date | - | Lim | e | | AVC | a Ten | np °C_ | L | 4_ | | | | | | |
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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name:

NBL Unit 4 #015

Work Order: E203194

Job Number: 21022-0001

Received: 3/31/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/6/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979) Date Reported: 4/6/22

Ashley Giovengo 1224 Standpipe Rd Carlsbad, NM 88220

Project Name: NBL Unit 4 #015 Workorder: E203194 Date Received: 3/31/2022 8:15:00AM

Ashley Giovengo,





Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/31/2022 8:15:00AM, under the Project Name: NBL Unit 4 #015.

The analytical test results summarized in this report with the Project Name: NBL Unit 4 #015 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

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| | | Sample Sum | mary | | |
|---|---------------|----------------------------------|-------------------------------|----------|------------------|
| Kaiser Francis Oil Company 1224 Standpipe Rd | | Project Name: Project Number: | NBL Unit 4 #015 21022-0001 | | Reported: |
| Carlsbad NM, 88220 | | Project Manager: | Ashley Giovengo | | 04/06/22 15:37 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| CONF28A - 0' | E203194-01A | Soil | 03/29/22 | 03/31/22 | Glass Jar, 4 oz. |
| CONF30A - 0' | E203194-02A | Soil | 03/29/22 | 03/31/22 | Glass Jar, 4 oz. |
| CONF32B5' | E203194-03A | Soil | 03/29/22 | 03/31/22 | Glass Jar, 4 oz. |



| | D | ampic D | ala | | | |
|--|---------------|------------|-------------------------|----------|--------------------|----------------|
| Kaiser Francis Oil Company | Project Name: | | Unit 4 #015 | | | D (1 |
| 1224 Standpipe Rd | Project Numb | | 22-0001 ley Giovengo | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | | | 4/6/2022 3:37:13PM | |
| | С | ONF28A - 0 | ' | | | |
| | | E203194-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | rst: IY | | Batch: 2214079 |
| Benzene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Foluene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| p-Xylene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/01/22 | 04/04/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 93.4 % | 70-130 | 04/01/22 | 04/04/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | vst: IY | | Batch: 2214079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/01/22 | 04/04/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.4 % | 70-130 | 04/01/22 | 04/04/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | vst: AK | | Batch: 2214081 |
| Diesel Range Organics (C10-C28) | 41.0 | 25.0 | 1 | 04/01/22 | 04/04/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/01/22 | 04/04/22 | |
| Surrogate: n-Nonane | | 109 % | 50-200 | 04/01/22 | 04/04/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | rst: CS | | Batch: 2215003 |
| Chloride | 948 | 100 | 5 | 04/04/22 | 04/05/22 | |
| | | | | | | |

Sample Data



| | 5 | ample D | ata | | | |
|--|---------------|-------------|---------------|--------------------|----------------|----------------|
| Kaiser Francis Oil Company | Project Name | | L Unit 4 #015 | | | |
| 1224 Standpipe Rd | Project Numb | | 22-0001 | | | Reported: |
| Carlsbad NM, 88220 | Project Manag | ger: Ash | ley Giovengo | 4/6/2022 3:37:13PM | | |
| | C | CONF30A - 0 | 1 | | | |
| | | E203194-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: IY | Batch: 2214079 | |
| Benzene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Toluene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| p-Xylene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/01/22 | 04/04/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 95.6 % | 70-130 | 04/01/22 | 04/04/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: IY | | Batch: 2214079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/01/22 | 04/04/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.5 % | 70-130 | 04/01/22 | 04/04/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: AK | | Batch: 2214081 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/01/22 | 04/05/22 | |
| Dil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/01/22 | 04/05/22 | |
| Surrogate: n-Nonane | | 110 % | 50-200 | 04/01/22 | 04/05/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: CS | | Batch: 2215003 |
| Chloride | 1440 | 20.0 | 1 | 04/04/22 | 04/05/22 | |



| | Di | ample D | ala | | | |
|--|--------------------------------|------------|-------------------------|--------------|----------------|--|
| Kaiser Francis Oil Company | Project Name: | | Unit 4 #01: | 5 | | Demonstered |
| 1224 Standpipe Rd Carlsbad NM, 88220 | Project Numbe Project Manag | | 22-0001 ley Giovengo | 2 | | Reported: 4/6/2022 3:37:13PM |
| Cansuau ININ, 66220 | Tiojeet Mailag | çci. Asli | | 0 | | 4/0/2022 5.57.151 W |
| | C | ONF32B5 | • | | | |
| | | E203194-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | А | analyst: IY | Batch: 2214079 | |
| Benzene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Toluene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| p-Xylene | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| o,m-Xylene | ND | 0.0500 | 1 | 04/01/22 | 04/04/22 | |
| Fotal Xylenes | ND | 0.0250 | 1 | 04/01/22 | 04/04/22 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 99.5 % | 70-130 | 04/01/22 | 04/04/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | A | analyst: IY | | Batch: 2214079 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/01/22 | 04/04/22 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.7 % | 70-130 | 04/01/22 | 04/04/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | analyst: AK | | Batch: 2214081 |
| Diesel Range Organics (C10-C28) | 53.2 | 25.0 | 1 | 04/01/22 | 04/05/22 | |
| Dil Range Organics (C28-C36) | 77.2 | 50.0 | 1 | 04/01/22 | 04/05/22 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | 04/01/22 | 04/05/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | А | Analyst: CS | | Batch: 2215003 |
| Chloride | 279 | 20.0 | 1 | 04/04/22 | 04/06/22 | |
| | | | | | | |



QC Summary Data

| | | QC DI | | I J Dat | а | | | | |
|--|--|--|--|--|---|--|--|--|--|
| Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220 | | Project Name: Project Number: Project Manager: | 2 | BL Unit 4 #01 1022-0001 .shley Gioveng | | | | | Reported: 4/6/2022 3:37:13PM |
| | | Volatile O | rganics | by EPA 802 | 21B | | | | Analyst: IY |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2214079-BLK1) | | | | | | | Prepared: 0 | 4/01/22 A | nalyzed: 04/02/22 |
| Benzene Ethylbenzene Toluene o-Xylene p.m-Xylene Total Xylenes Surrogate: 4-Bromochlorobenzene-PID | ND ND ND ND ND 7.78 | 0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 | 8.00 | | 97.2 | 70-130 | | | |
| LCS (2214079-BS1) | | | | | | | Prepared: 0 | 4/01/22 A | nalyzed: 04/02/22 |
| Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes Surrogate: 4-Bromochlorobenzene-PID | 4.50 4.70 4.91 4.72 9.53 14.2 7.76 | 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 | 5.00 5.00 5.00 5.00 10.0 15.0 8.00 | | 90.1 93.9 98.2 94.4 95.3 95.0 <i>97.0</i> | 70-130 70-130 70-130 70-130 70-130 70-130 70-130 | | | |
| LCS Dup (2214079-BSD1) | | | | | | | Prepared: 0 | 4/01/22 A | nalyzed: 04/02/22 |
| Benzene Ethylbenzene Toluene o-Xylene p,m-Xylene Total Xylenes | 4.66 4.86 5.08 4.86 9.85 14.7 | 0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 | 5.00 5.00 5.00 5.00 10.0 15.0 | | 93.2 97.1 102 97.2 98.5 98.1 | 70-130 70-130 70-130 70-130 70-130 70-130 | 3.34 3.38 3.39 2.94 3.31 3.19 | 20 20 20 20 20 20 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.74 | 0.0250 | 8.00 | | 96.7 | 70-130 | | 20 | |



QC Summary Data

| Kaiser Francis Oil Company | | Project Name: | N | BL Unit 4 #0 | 15 | | | | Reported: |
|---|--------|--------------------|----------------|------------------|---------|---------------|-------------|--------------|--------------------|
| 1224 Standpipe Rd | | Project Number | : 21 | 022-0001 | | | | | r |
| Carlsbad NM, 88220 | | Project Manage | r: A | shley Gioven | go | | | | 4/6/2022 3:37:13PM |
| | No | onhalogenated | Organics | by EPA 80 | 15D - G | RO | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2214079-BLK1) | | | | | | | Prepared: 0 | 4/01/22 A | analyzed: 04/02/22 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.66 | | 8.00 | | 95.8 | 70-130 | | | |
| LCS (2214079-BS2) | | | | | | | Prepared: 0 | 4/01/22 A | analyzed: 04/02/22 |
| Gasoline Range Organics (C6-C10) | 44.3 | 20.0 | 50.0 | | 88.6 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.69 | | 8.00 | | 96.1 | 70-130 | | | |
| LCS Dup (2214079-BSD2) | | | | | | | Prepared: 0 | 4/01/22 A | analyzed: 04/02/22 |
| Gasoline Range Organics (C6-C10) | 45.0 | 20.0 | 50.0 | | 90.1 | 70-130 | 1.66 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.71 | | 8.00 | | 96.4 | 70-130 | | | |
| | | | | | | | | | |



QC Summary Data

| | | QU DI | u 111111 | ary Data | | | | | |
|---|--------|----------------------------------|----------------|-------------------------------|---------|---------------|-------------|--------------|--------------------|
| Kaiser Francis Oil Company 1224 Standpipe Rd | | Project Name: Project Number: | | NBL Unit 4 #015 21022-0001 | | | | | Reported: |
| Carlsbad NM, 88220 | | Project Manager: | 1 | Ashley Giovengo | | | | | 4/6/2022 3:37:13PM |
| | Nonh | alogenated Org | anics by | y EPA 8015D | - DRO | /ORO | | | Analyst: AK |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2214081-BLK1) | | | | | | | Prepared: 0 | 4/01/22 A | nalyzed: 04/04/22 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 48.6 | | 50.0 | | 97.3 | 50-200 | | | |
| LCS (2214081-BS1) | | | | | | | Prepared: 0 | 4/01/22 A | nalyzed: 04/04/22 |
| Diesel Range Organics (C10-C28) | 488 | 25.0 | 500 | | 97.7 | 38-132 | | | |
| Surrogate: n-Nonane | 53.4 | | 50.0 | | 107 | 50-200 | | | |
| Matrix Spike (2214081-MS1) | | | | Source: E | 203195- | 04 | Prepared: 0 | 4/01/22 A | nalyzed: 04/04/22 |
| Diesel Range Organics (C10-C28) | 506 | 25.0 | 500 | ND | 101 | 38-132 | | | |
| Surrogate: n-Nonane | 52.0 | | 50.0 | | 104 | 50-200 | | | |
| Matrix Spike Dup (2214081-MSD1) | | | | Source: E | 203195- | 04 | Prepared: 0 | 4/01/22 A | nalyzed: 04/04/22 |
| Diesel Range Organics (C10-C28) | 509 | 25.0 | 500 | ND | 102 | 38-132 | 0.603 | 20 | |
| Surrogate: n-Nonane | 54.5 | | 50.0 | | 109 | 50-200 | | | |



QC Summary Data

| | | | • | | | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|----------|---------------|-------------|--------------|--------------------|
| Kaiser Francis Oil Company | | Project Name: | | NBL Unit 4 #01 | 5 | | | | Reported: |
| 1224 Standpipe Rd | | Project Number: | 2 | 21022-0001 | | | | | |
| Carlsbad NM, 88220 | | Project Manager | : A | Ashley Gioveng | go | | | | 4/6/2022 3:37:13PM |
| | | Anions | by EPA | 300.0/9056A | 4 | | | | Analyst: CS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2215003-BLK1) | | | | | | | Prepared: 0 | 4/04/22 A | nalyzed: 04/05/22 |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2215003-BS1) | | | | | | | Prepared: 0 | 4/04/22 A | nalyzed: 04/05/22 |
| Chloride | 257 | 20.0 | 250 | | 103 | 90-110 | | | |
| Matrix Spike (2215003-MS1) | | | | Source: | E203191- | 01 | Prepared: 0 | 4/04/22 A | nalyzed: 04/05/22 |
| Chloride | 26200 | 2000 | 250 | 27600 | NR | 80-120 | | | M2 |
| Matrix Spike Dup (2215003-MSD1) | | | | Source: | E203191- | 01 | Prepared: 0 | 4/04/22 A | nalyzed: 04/05/22 |
| Chloride | 24900 | 2000 | 250 | 27600 | NR | 80-120 | 4.95 | 20 | M2 |

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.



| | Demitions | | |
|----------------------------|------------------|-----------------|----------------|
| Kaiser Francis Oil Company | Project Name: | NBL Unit 4 #015 | |
| 1224 Standpipe Rd | Project Number: | 21022-0001 | Reported: |
| Carlsbad NM, 88220 | Project Manager: | Ashley Giovengo | 04/06/22 15:37 |

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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





Referoject Information

P033159

| | 1 | |
|-------|------|--|
| Page_ | l of | |
| | 01 | |

| Client: k | aiser Fran | cis Oil Co | 0 | | | Bill To | | | | La | ab Us | e Or | nly | | | | TAT | | EPA P | rogram |
|-----------------|-------------------|---------------|----------------------|---------------|---|--|-------------------|--------------------|-----------------|--------------|------------------|-------------|-----------------|-----------|-------------------|----------|----------------|---|-------------|---------------|
| Project: | NBL Unit 4 | # #015 | | | Att | | | | | | | er | 1D 2D 3D Standa | | | Standard | | | | |
| | Aanager: / | | | | Add | dress: 1224 Standpipe Rd | | Lab WO# Job Number | | | | | 000 | | | | х | | | |
| ddress: | 1224 Star | ndpipe P | ٨d | | | y, State, Zip: Carlsbad, NM 88 | 8220 | × | | | | | | d Metho | d | | | | | RCRA |
| | e, Zip: Ca | | IM 88220 |) | Pho | one: 505-382-1211 | | | - | - | | 1 | 100 | | | | | | | |
| | 505-382-12 | | | | <u>Em</u> | ail: ashley.giovengo@wesco | minc.com | 015 | 015 | 1.00 | | | - | | | | | | State | 10.00 |
| A | shley.giove | engo@w | /escomine | c.com | _ | | | by 8(| oy 8(| 21 | 00 | 0 | 0.00 | | WN | | | NM CO | UT AZ | TX |
| Report d | 1 | _ | 1 | | | | | ORO | DRO I | y 80 | y 82(| 601 | de 30 | | | X | | × | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | | BGDOC | BGDOC | | | Remarks | |
| 9:50 | 3/29/22 | Soil | 1 Jar | | C | CONF28A - 0' | 1 | | | | | | | | x | | | | | |
| 9:59 | 3/29/22 | Soil | 1 Jar | | C | CONF30A - 0' | 2 | | | | | | | | x | | | | | |
| 10:36 | 3/29/22 | Soil | 1 Jar | | C | ONF32B5' | 3 | | | | | 1 | | | x | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | _ | | | | | | |
| | | | - | | | | 1 | | | | | | | | | | | | | |
| dditior | al Instruct | ions: H | ept on id | ce, Please | C: cole.burt | on@wescominc.com, shar.ha | arvester@wes | comi | inc.co | om, a | ashlev | y.gic | vengo | o@weso | comir | nc.co | n | | | |
| | | | | | nple. 1 am aware 1 s for legal action. | that tampering with or intentionally mis Sampled by: | | | | | | packed | | | | | | ed on ice the day th on subsequent day | | ed or receive |
| elinquish | ed by: (Signa | ture) | Date 3- | 29-22 | S:2G | Received W: (Signature) | 1 3/9/6 | 10 | Time | 1.7 | 20 | Rece | eived | on ice: | - | ab Us | e Only | | | |
| elinquish | ed by: (Signa | ture) | Date | 30/22 | 16°30 | Phone (Signature) | Date | | Time | | | <u>T1</u> | | | <u>T2</u> | | | <u></u> | | |
| elinquish | ed by: (Signa | ture) | Date | | Time | Received by: (Signature) | E 3/31/ | 22 | Time | ·.]= | 5 | AVG | i Temp | °c 4 | 4 | | | | | |
| ample Mat | rix: S - Soil, Sd | - Solid, Sg - | Sludge, A - A | queous, O - O | her | Con a service of the | Containe | Туре | : g - g | lass, | | | | | er gla | ss, v - | VOA | | | |
| | | | | | | er arrangements are made. Hazaro | dous samples will | he ret | urned | to cli | p - po ent or | dispo | astic, a | ag - ambe | er gla: nt exp | ss, v - | VOA The rep | ort for the anal | vsis of the | abovo |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | Kaiser Francis Oil Company Da | ate Received: | 03/31/22 0 | 8:15 | Work Order ID: | E203194 |
|----------------|--|----------------|------------|---------------------|----------------|-------------------|
| Phone: | (505) 382-1211 Da | ate Logged In: | 03/29/22 1 | 7:56 | Logged In By: | Caitlin Christian |
| Email: | | le Date: | 04/05/22 1 | 7:00 (3 day TAT) | | |
| <u>Chain c</u> | of Custody (COC) | | | | | |
| 1. Does | the sample ID match the COC? | | Yes | | | |
| 2. Does | the number of samples per sampling site location match | the COC | Yes | | | |
| 3. Were | samples dropped off by client or carrier? | | Yes | Carrier: Courrier | | |
| 4. Was t | he COC complete, i.e., signatures, dates/times, requested | l analyses? | Yes | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | Comment | ts/Resolution |
| <u>Sample</u> | Turn Around Time (TAT) | | | | | |
| | he COC indicate standard TAT, or Expedited TAT? | | Yes | | | |
| <u>Samp</u> le | Cooler | | | | | |
| | a sample cooler received? | | Yes | | | |
| 8. If yes | , was cooler received in good condition? | | Yes | | | |
| 9. Was t | he sample(s) received intact, i.e., not broken? | | Yes | | | |
| 10. Wer | e custody/security seals present? | | No | | | |
| 11. If ye | es, were custody/security seals intact? | | NA | | | |
| - | the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re | , | Yes | | | |
| 13. If no | minutes of sampling o visible ice, record the temperature. Actual sample ter | | <u>C</u> | | | |
| Sample | Container_ | | | | | |
| | aqueous VOC samples present? | | No | | | |
| 15. Are | VOC samples collected in VOA Vials? | | NA | | | |
| 16. Is th | he 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 | e appropriate volume/weight or number of sample containers | collected? | Yes | | | |
| Field La | abel | | | | | |
| 20. Wer | e field sample labels filled out with the minimum inform | ation: | | | | |
| | Sample ID? | | Yes | | | |
| | Date/Time Collected? | | No | L | | |
| | Collectors name? | | No | | | |
| - | <u>Preservation</u> s the COC or field labels indicate the samples were prese | myed? | No | | | |
| | sample(s) correctly preserved? | / vuu: | NO | | | |
| | b filteration required and/or requested for dissolved meta | ils? | No | | | |
| | | | 140 | | | |
| | hase Sample Matrix | | N | | | |
| | es, does the COC specify which phase(s) is to be analyzed | | No | | | |
| | | ut | NA | | | |
| | tract Laboratory_ | | | | | |
| 28. Are | samples required to get sent to a subcontract laboratory? | | No | | | |
| | a subcontract laboratory specified by the client and if so | | NA | Subcontract Lab: na | | |

Date

envirotech Inc.

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

ATTACHMENT F

Depth to Water Approval Email



Wescom Inc Mail - RE: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949

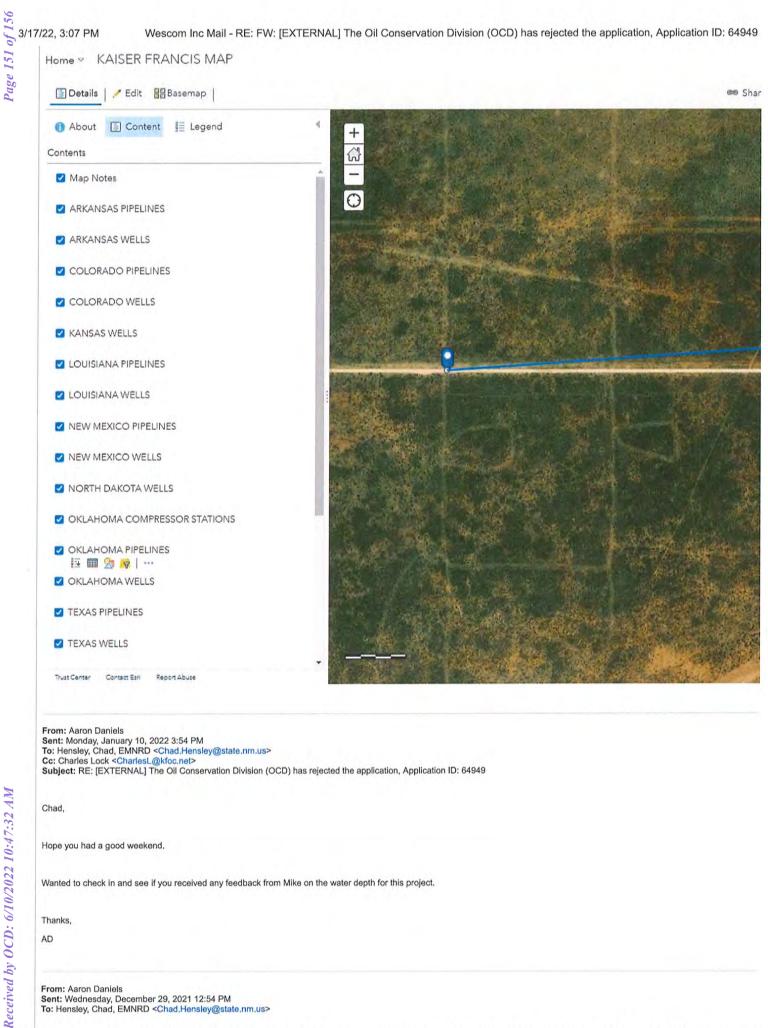


Ashley Giovengo <ashley.giovengo@wescominc.com>

Released to Imaging: 6/14/2022 10:47:26 AM

RE: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949 1 message Aaron Daniels <aarond@kfoc.net> To: Ashley Giovengo <ashley.giovengo@wescominc.com> Cc: Charles Lock <CharlesL@kfoc.net>, Shar Harvester <shar.harvester@wescominc.com> I need to speak to Charles and JP. Will an answer by the end of business today suffice? AD From: Ashley Giovengo <ashley.giovengo@wescominc.com> Sent: Monday, February 7, 2022 9:05 AM To: Aaron Daniels <aarond@kfoc.net> Cc: Charles Lock <CharlesL@kfoc.net>; Shar Harvester <shar.harvester@wescominc.com> Subject: Re: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949 Aaron, Wonderful news! Would you like me to complete the surface scrape on-pad once we complete the off-pad spill remediation? Thanks, Ashley Giovengo, Environmental Manager - Permian O (218) 724-1322 | C (505) 382-1211 WescomInc.com | ashley.giovengo@WescomInc.com "I am in charge of my own safety. Minnesota | North Dakota | New Mexico | Wisconsin On Mon, Feb 7, 2022 at 7:58 AM Aaron Daniels aarond@kfoc.net> wrote: Approval in writing for the depth to water. AD From: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us> Sent: Monday, February 7, 2022 8:49 AM To: Aaron Daniels <aarond@kfoc.net> Cc: Charles Lock <CharlesL@kfoc.net> Subject: RE: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949 Aaron, When you turn in your Workplan and/or Closure report please include this email chain information and yes it should be allowed. Cheers. Chad Hensley . Environmental Science & Specialist Environmental Bureau EMNRD - Oil Conservation Division 811 First St. | Artesia, NM 88210 Office: 575.748.1283 | Cell: 575-703-1723 chad.hensley@state.nm.us

| To: Hensle Cc: Charle | on Daniels <aarond@kfoc.net> day, February 7, 2022 7:37 AM y, Chad, EMNRD <chad.hensley@state.nm.us> s Lock <charlesl@kfoc.net> E: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949</charlesl@kfoc.net></chad.hensley@state.nm.us></aarond@kfoc.net> |
|--------------------------|--|
| Chad – ho | be you are doing well. |
| Wanted to | ask, instead of assuming |
| As you are | probably aware, we had an additional produced water release on the North Bell Lake 4-15 SWD location. |
| You approv | ed this well as depth to water for the referenced spill (nAPP2116429491) in this message. Will this be accepted for the new spill (nAPP2200646019) at the same location? |
| Thanks, AD | |
| To: Hensle Cc: Charle | on Daniels day, January 11, 2022 1:19 PM y, Chad, EMNRD <chad,hensley@state.nm.us> s Lock <charlesl@kfoc.net> E: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949</charlesl@kfoc.net></chad,hensley@state.nm.us> |
| Hey Chad, | |
| Wanted to | provide you with some information based on our last conversation. |
| The water v | vell information I spoke to you about is attached, and was utilized for the release numbered nAPP2107043534 (NBL 4-15 SWD Produced Water Line). |
| lt is ~0.66 r | niles from the 4-15 pad, on down the lease road to the East. See the screenshot below illustrating this. Let me know if you need more information from me. |
| I appreciate | your consideration. Good luck today! |
| | |
| | |
| | |
| | |
| | |
| | |



From: Aaron Daniels Sent: Wednesday, December 29, 2021 12:54 PM To: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us> Page 152 of 156

3/17/22, 3:07 PM Wescom Inc Mail - RE: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949

Cc: Charles Lock <CharlesL@kfoc.net>

Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949

Chad,

Would you have time to discuss this next week sometime?

Let me know your availability.

Thanks,

Aaron Daniels

Sr. EHS Representative

Kaiser-Francis Oll Company

918-491-4352

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us> Sent: Wednesday, December 29, 2021 12:28 PM To: Aaron Daniels <aarond@kfoc.net> Subject: [EXTERNAL] The Oil Conservation Division (OCD) has rejected the application, Application ID: 64949

To whom it may concern (c/o Aaron Daniels for KAISER-FRANCIS OIL CO),

The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for incident ID (n#) nAPP2116429491, for the following reasons:

- The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ r submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to g
- RECLAMATION did not meet the requirements of 19.15.29.13 NMAC. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen i

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 64949. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,

Chad Hensley Environmental Science & Specialist 575-703-1723 Chad.Hensley@state.nm.us

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

4/4

Released to Imaging: 6/14/2022 10:47:26 AM

ATTACHMENT G

48-Hour Confirmation Sample Notification Email



| From: | cole.burton@wescominc.com |
|----------|---|
| To: | <u>Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Hamlet, Robert, EMNRD; Venegas, Victoria, EMNRD</u> |
| Cc: | Shar Harvester; ashley.giovengo@wescominc.com; Joey Croce; Cody York |
| Subject: | 48-Hour Confirmation Sample Notice - North Bell Lake Unit 4 #015 (nAPP2200646019) |
| Date: | Thursday, March 24, 2022 3:27:36 PM |

Hello All,

We intend to take confirmation samples at North Bell Lake Unit 4 #015 - nAPP2200646019 starting on (3/29/22).

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

Thanks,

Cole Burton, Environmental Field Technician O (218) 724-1322 | C (505) 205-0455 WescomInc.com | cole.burton@WescomInc.com "I am in charge of my own safety."

| From: | Ashley Giovengo |
|----------|---|
| To: | <u>Velez, Nelson, EMNRD; Hamlet, Robert, EMNRD; Hensley, Chad, EMNRD; Nobui, Jennifer, EMNRD; Bratcher,</u> |
| | Mike, EMNRD |
| Cc: | <u>Shar Harvester; Cole Burton; Aaron Daniels</u> |
| Subject: | 48-hour Confirmation Sampling Notification - North Bell Lake 4 #15 SWD (nAPP2200646019) |
| Date: | Friday, March 4, 2022 6:55:37 AM |
| | |

Hello All,

We intend to take confirmation samples at the North Bell Lake 4 #15 SWD #002H - nAPP2200646019 starting on (03/07/22).

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

Thanks,

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



Minnesota | North Dakota | New Mexico | Wisconsin

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

| Operator: | OGRID: |
|-----------------------|---|
| KAISER-FRANCIS OIL CO | 12361 |
| PO Box 21468 | Action Number: |
| Tulsa, OK 74121146 | 115838 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created | Condition | Condition |
|---------|---|-----------|
| Ву | | Date |
| jnobui | Closure Report Approved. Please implement 19.15.29.13 NMAC when completing P&A. | 6/14/2022 |