



CLOSURE REQUEST

KAISER-FRANCIS OIL COMPANY

Created for submission to New Mexico Oil Conservation Division on 05/09/2022

ASHLEY GIOVENGO

Environmental Manager - Permian

ENERGIZING AMERICA

May 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	Bell Lake Unit North 219H
API	30-025-45510
PLSS	Unit L Sec 01 T23S R33E
GPS	32.333267, 103.533385
INCIDENT ID	nAPP2205757047

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 Bell Lake Unit North 219H (Site) located in Unit L, Section 01, Township 23 South and Range 33 East in Lea County, New Mexico. The GPS coordinates are as follows: North 32.333267 and West -103.533385. Surface owner of the Site is State Land. The Site falls within New Mexico Oil Conservation Division (NMOCD), District 1 Hobbs.

On February 25, 2022, the water leg gasket on the heater treater failed due to excess pressure. The excess pressure on the heater treater was the result of hydrate in the VRU pressure control valve and a failed flare pressure relief control valve. These failures resulted in the release of 78 barrels (bbls) of produced water and 13 barrels of crude oil into the lined secondary containment and onto the caliche pad. KFOC immediately isolated the source of the leak and constructed berms around the spill area. Approximately 28 bbls of produced water and eight bbls of crude oil was recovered.

Wescom personnel completed a liner inspection on the separator containment on March 03, 2022. Horizontal and vertical delineation sampling was conducted on March 8, 2022. Wescom personnel returned to the Site on March 30, through April 1, 2022 to complete remediation of the spill area and to collect confirmation samples. Wescom personnel returned to the Site on April 21, 2022, to re-scrape CONF22 area and to collect confirmation sample, CONF22A.



SURFACE & GROUND WATER

The New Mexico Office of the State Engineer (OSE) records indicates the nearest depth to groundwater measurement is 305 feet below ground surface (bgs) and is 2.03 miles West of the Site. No playas or lakes are located within a one-mile radius of this Site (Attachment C).

KARST POTENTIAL

According to data from the Bureau of Land Management, this Site is located within 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 100 ppm Total Petroleum Hydrocarbons (TPH). Characterization of the vertical and horizontal extent of chloride concentration in the soil to a level of 600 mg/kg (ppm) is also required.

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Bell Lake Unit North 219H — 32.333267, -103.533385						
Depth to Groundwater		Closure Criteria (unites in mg/kg)				
		Chloride * numerical limit or background, whichever is greater	TPH	GRO+DRO	BTEX	Benzene
Based on high karst potential		600	100		50	10
No water data within 0.5 mile radius	305 ft	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		20000	2500	1000	50	10
Surface Water	Yes or No	If yes, then				
< 300 feet from continuously flowing watercourse or other significant watercourse?	No					
< 200 feet from lakebed, sinkhole or playa lake	No					
Water Well or Water Source						
< 500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
< 1000 feet from fresh water well or spring?	No					
Human and Other Areas						
< 300 feet from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
< 100 feet from wetland?	No					
Within area overlying a subsurface mine?	No					
Within an unstable area?	No					
Within a 100-year floodplan?	No					

Table: Closure Criteria Statistics



LINER INSPECTION AND DELINEATION

On March 03, 2022, Wescom personnel, competent in conducting inspections of on-site equipment and facilities, visited the Site to visually inspect the integrity of the liner. Prior to conducting the inspection, the NMOCD was provided with a 48-hour liner inspection notification on March 01, 2022 (Attachment F). Wescom personnel verified that there was no visual evidence of a breach in the containment liner. It was determined that the liner remains intact and had the ability to contain the leak in question. Photographs taken during the liner inspection are included in Attachment B.

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 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 ACTIVITIES

Beginning on March 30, 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 250 cubic yards of contaminated soil from the spill area. A total of 41 composite confirmation samples were collected over the three-day sampling and excavation period. All the confirmation samples except CONF22, were below the applicable RRALs for the Site (see Table 2). A background sample, BG01, was collected 55 ft East of the caliche pad as shown in Figure 1.

Wescom personnel returned to the Site on April 21, 2022, to perform a surface scrape and re-sample CONF22 area. A skidsteer was utilized to remove approximately two cubic yards of contaminated soil from the area prior to sampling. CONF22A was below the applicable RRALs for the Site on April 21, 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. All removed impacted material was disposed of at an approved disposal facility.

The required 48-hour confirmation sampling notifications were sent on March 24, 2022, March 31, 2022, and on April 18, 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 F.



REQUEST FOR CLOSURE

On behalf of KFOC, Wescom hereby requests closure for the release associate with incident number nAPP2205757047 based on the logic below.

- The liner inside the separator containment remains intact and had the ability to contain the spill in question.
- The release has been horizontally and vertically delineated.
- All confirmation areas and samples are below applicable RRALs for the Site.
- Impacted materials, above Site RRALs, were 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
Robert Hamlet, NMOCD
Jennifer Nobui, NMOCD
Nelson Velez, NMOCD



REFERENCE MATERIALS

FIGURES

FIGURE 1. Delineation Sampling

FIGURE 2. Confirmation Sampling

TABLES

TABLE 1. Laboratory Analysis Results: Delineation Samples

TABLE 2. Laboratory Analysis Results: Confirmation Samples

ATTACHMENTS

ATTACHMENT A. C-141

ATTACHMENT B. Site Photos

ATTACHMENT C. Closure Criteria Supporting Documents

ATTACHMENT D. Karst Map

ATTACHMENT E. Envirotech Inc. Laboratory Analysis Reports

ATTACHMENT F. 48-hour Notification Emails



FIGURE 1

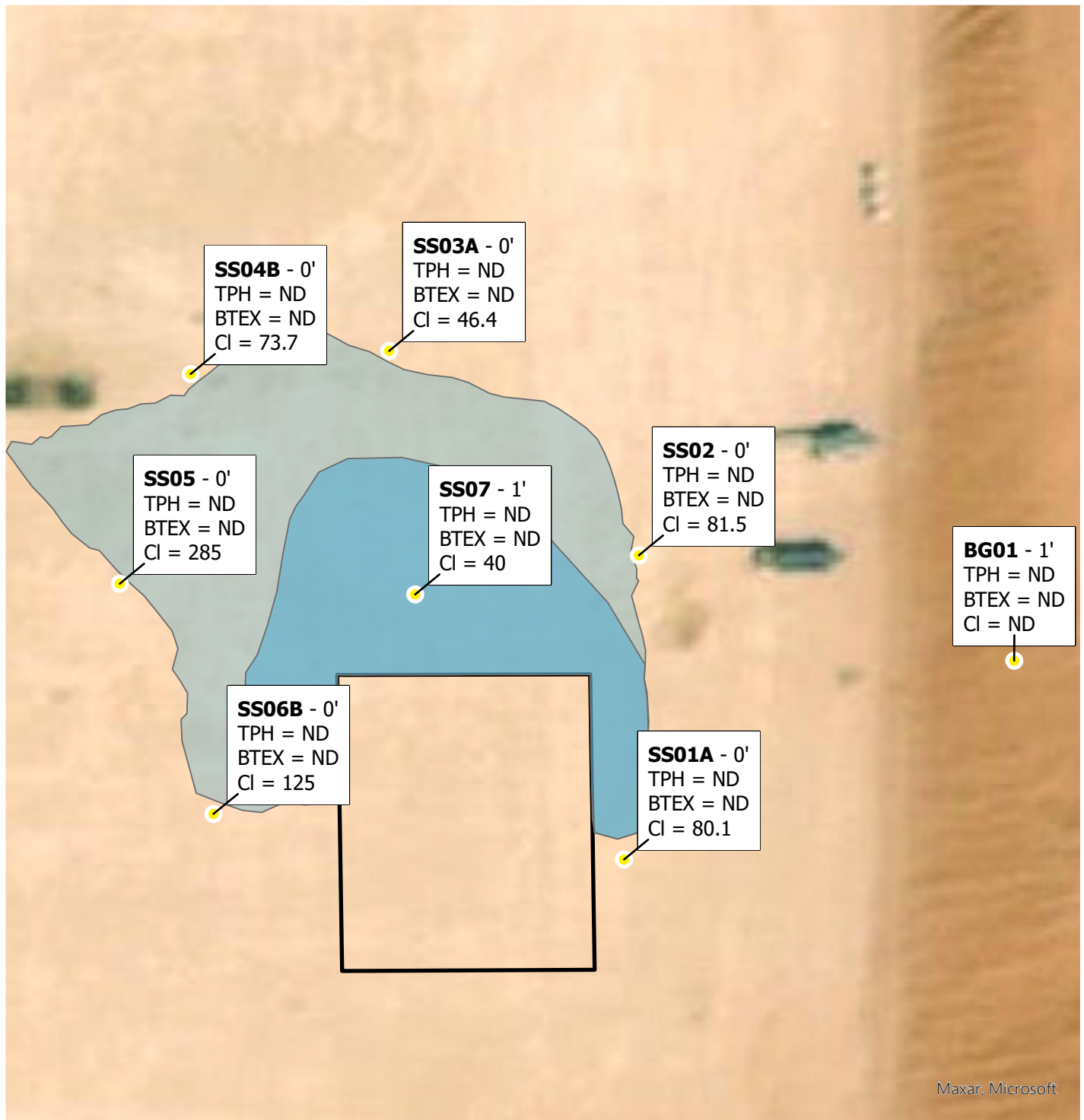
Delineation Sampling



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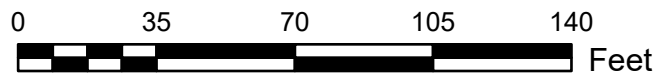
wescominc.com | info@wescominc.com | 218-724-1322

Bell Lake Unit North 219H | Incident ID: nAPP2205757047



**FIGURE 1.
DELINEATION SAMPLING**

Bell Lake Unit North 219H
Incident ID: nAPP2205757047
API: 30-025-45510
GPS Coordinates: 32.333267, -103.533385
Lea County, New Mexico
Kaiser-Francis Oil Company



LEGEND

- Sample Locations
- Spill Area
- Overspray Area
- Separator Containment



FIGURE 2

Confirmation Sampling



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Bell Lake Unit North 219H | Incident ID: nAPP2205757047

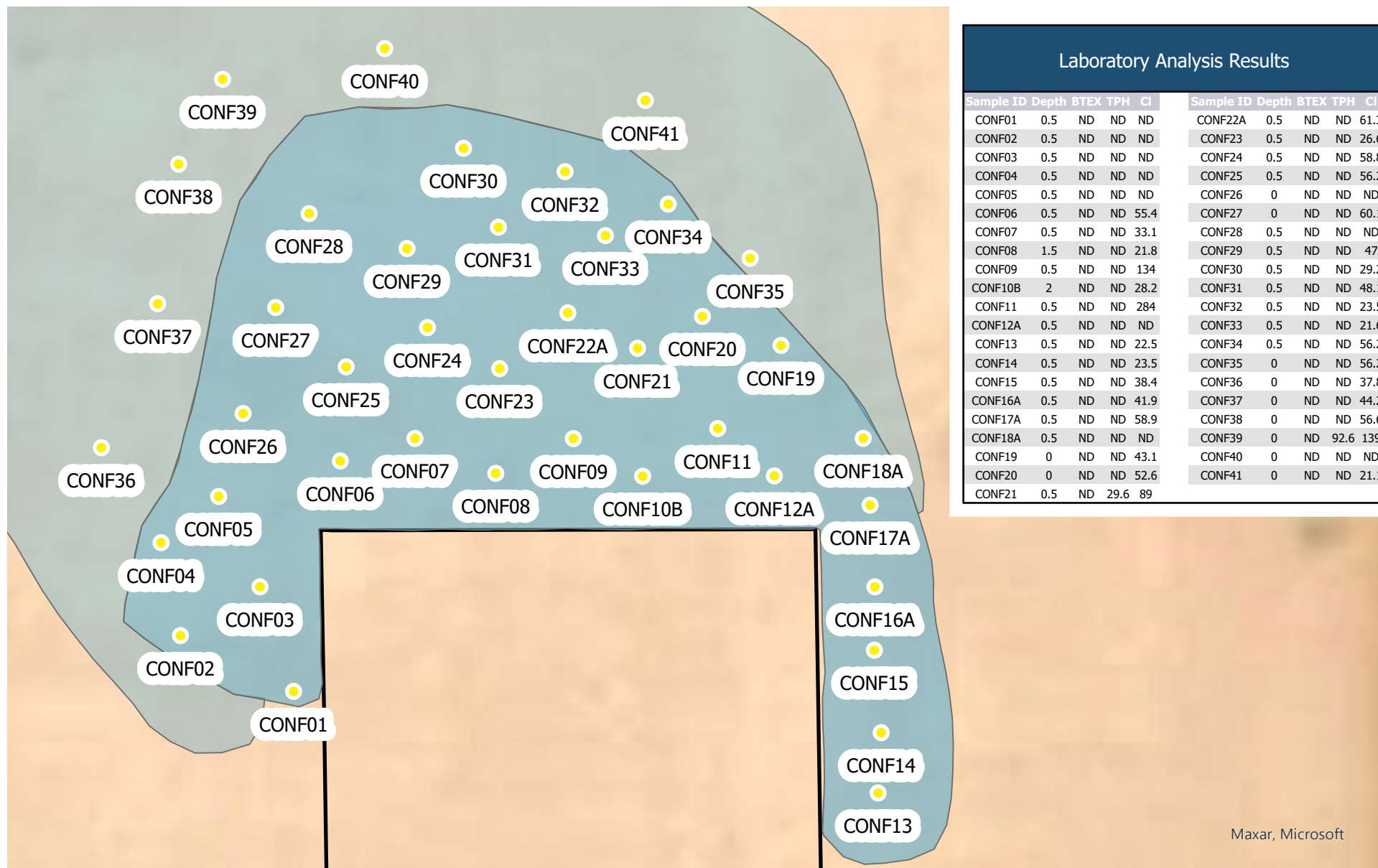


FIGURE 2. CONFIRMATION SAMPLING

Bell Lake Unit North 219H
 Incident ID: nAPP2205757047
 API: 30-025-45510
 GPS Coordinates: 32.333267, -103.533385
 Lea County, New Mexico
 Kaiser-Francis Oil Company

0 20 40 60 80 Feet

LEGEND

- Sample Locations
- Spill Area
- Scraped Overspray Area
- Separator Containment



Maxar, Microsoft

TABLE 1

Laboratory Analysis Results: Delineation Samples



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Bell Lake Unit North 219H | Incident ID: nAPP2205757047

Bell Lake Unit North 219H nAPP2205757047						
Kaiser-Francis Oil Company 03.10.2022						
Table 1. Laboratory Analysis Results: Delineation Samples						
Sample Description			Petroleum Hydrocarbons			Inorganic
Sample ID	Depth (ft.)	Date	Volatile		Extractable	Chloride (mk/kg)
			Benzene (mk/kg)	BTEX (total) (mk/kg)	TPH (mk/kg)	
Closure Criteria			10	50	100	600
SS01A	0	3/8/2022	ND	ND	ND	80.1
SS02	0	3/8/2022	ND	ND	ND	81.5
SS03A	0	3/8/2022	ND	ND	ND	46.4
SS04B	0	3/8/2022	ND	ND	ND	73.7
SS05	0	3/8/2022	ND	ND	ND	285
SS06B	0	3/8/2022	ND	ND	ND	125
SS07	1	3/8/2022	ND	ND	ND	40
ABBREVIATIONS						
BTEX — Benzene, Toluene, Ethylene, Xylene			GRO — Gasoline Range Organics			
DRO — Diesel Range Organics			ND — Non-detect			
ft. — Feet			mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons						
Notes						
Bold Red - Results are above closure criteria						
Gray Highlight - Background Samples						



TABLE 2

Laboratory Analysis Results: Confirmation Samples



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Bell Lake Unit North 219H | Incident ID: nAPP2205757047

Bell Lake Unit North 219H nAPP2205757047						
Kaiser-Francis Oil Company 05.09.2022						
Table 2. Laboratory Analysis Results: Confirmation Samples						
Sample Description			Petroleum Hydrocarbons		Inorganic	
Sample ID	Depth (ft.)	Date	Volatile		Extractable	Chloride (mk/kg)
			Benzene (mk/kg)	BTEX (total) (mk/kg)	TPH (mk/kg)	
Closure Criteria			10	50	100	600
CONF01	0.5	3/31/2022	ND	ND	ND	ND
CONF02	0.5	3/31/2022	ND	ND	ND	ND
CONF03	0.5	3/31/2022	ND	ND	ND	ND
CONF04	0.5	3/31/2022	ND	ND	ND	ND
CONF05	0.5	3/31/2022	ND	ND	ND	ND
CONF06	0.5	3/31/2022	ND	ND	ND	55.4
CONF07	0.5	3/31/2022	ND	ND	ND	33.1
CONF08	1.5	3/31/2022	ND	ND	ND	21.8
CONF09	0.5	3/31/2022	ND	ND	ND	134
CONF10B	2	3/31/2022	ND	ND	ND	28.2
CONF11	0.5	3/31/2022	ND	ND	ND	284
CONF12A	0.5	3/31/2022	ND	ND	ND	ND
CONF13	0.5	4/1/2022	ND	ND	ND	22.5
CONF14	0.5	4/1/2022	ND	ND	ND	23.5
CONF15	0.5	4/1/2022	ND	ND	ND	38.4
CONF16A	0.5	4/1/2022	ND	ND	ND	41.9
CONF17A	0.5	4/1/2022	ND	ND	ND	58.9
CONF18A	0.5	4/1/2022	ND	ND	ND	ND
CONF19	0	4/1/2022	ND	ND	ND	43.1
CONF20	0	4/1/2022	ND	ND	ND	52.6
CONF21	0.5	4/1/2022	ND	ND	29.6	89
ABBREVIATIONS						
BTEX — Benzene, Toluene, Ethylene, Xylene			GRO — Gasoline Range Organics			
DRO — Diesel Range Organics			ND — Non-detect			
ft. — Feet			mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons						
Notes						
Bold Red - Results are above closure criteria						
Gray Highlight - Background Samples						



Bell Lake Unit North 219H nAPP2205757047						
Kaiser-Francis Oil Company 05.09.2022						
Table 2. Laboratory Analysis Results: Confirmation Samples						
Sample Description			Petroleum Hydrocarbons		Inorganic	
Sample ID	Depth (ft.)	Date	Volatile		Extractable	Chloride (mk/kg)
			Benzene (mk/kg)	BTEX (total) (mk/kg)	TPH (mk/kg)	
Closure Criteria			10	50	100	600
CONF22	0.5	4/1/2022	ND	ND	674	66.2
CONF22A	0.5	4/21/2022	ND	ND	ND	61.3
CONF23	0.5	4/1/2022	ND	ND	ND	26.6
CONF24	0.5	4/1/2022	ND	ND	ND	58.8
CONF25	0.5	4/1/2022	ND	ND	ND	46.2
CONF26	0	4/1/2022	ND	ND	ND	ND
CONF27	0	4/1/2022	ND	ND	ND	60.1
CONF28	0.5	4/1/2022	ND	ND	ND	ND
CONF29	0.5	4/1/2022	ND	ND	ND	47
CONF30	0.5	4/1/2022	ND	ND	ND	29.2
CONF31	0.5	4/1/2022	ND	ND	ND	48.1
CONF32	0.5	4/1/2022	ND	ND	ND	23.5
CONF33	0.5	4/1/2022	ND	ND	ND	21.6
CONF34	0.5	4/1/2022	ND	ND	ND	56.2
CONF35	0	4/1/2022	ND	ND	ND	56.2
CONF36	0	4/1/2022	ND	ND	ND	37.8
CONF37	0	4/1/2022	ND	ND	ND	44.2
CONF38	0	4/1/2022	ND	ND	ND	56.6
CONF39	0	4/1/2022	ND	ND	92.6	139
CONF40	0	4/1/2022	ND	ND	ND	ND
CONF41	0	4/1/2022	ND	ND	ND	21.1
BG01	0	4/1/2022	ND	ND	ND	ND
BG01	1	4/1/2022	ND	ND	ND	ND
ABBREVIATIONS						
BTEX — Benzene, Toluene, Ethylene, Xylene				GRO — Gasoline Range Organics		
DRO — Diesel Range Organics				ND — Non-detect		
ft. — Feet				mg/kg — Milligrams per Kilogram		
TPH — Total Petroleum Hydrocarbons						
Notes						
Bold Red - Results are above closure criteria						
Gray Highlight - Background Samples						



ATTACHMENT A

Signed C-141



Energizing America

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Bell Lake Unit North 219H | Incident ID: nAPP2205757047

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

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

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

Incident ID	nAPP2205757047
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) nAPP2205757047
Contact mailing address: 6733 S. Yale, Tulsa, OK 74136	

Location of Release Source

Latitude 32.333267

Longitude -103.533385

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Bell Lake Unit North 219H	Site Type: Well Pad
Date Release Discovered: 02/25/2022	API# (if applicable) 30-025-45510

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

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 13	Volume Recovered (bbls) 8
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 78	Volume Recovered (bbls) 28
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Water leg gasket failure from excess pressure on heater treater (not overpressured); excess pressure due to combination of factors: hydrate in VRU pressure control valve and failed flare relief pressure control valve.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2205757047
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Release greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes. Aaron Daniels. NMOCD Portal via NOR on 2/26/22.	

Initial Response

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

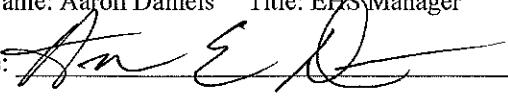
- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have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

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

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

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

Printed Name: Aaron Daniels Title: EHS Manager

Signature: 

Date: 3/10/2022

email: aarond@kfoc.net

Telephone: 918-491-4352

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2205757047
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>305</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

Form C-141

State of New Mexico
Oil Conservation Division

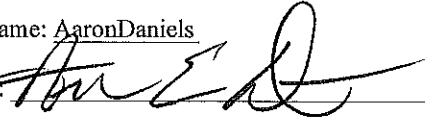
Page 4

Incident ID	nAPP2205757047
District RP	
Facility ID	
Application ID	

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

Printed Name: Aaron Daniels

Title: EHS Manager

Signature: 

Date:

5/13/2022

email: aarond@kfoc.net

Telephone: 918-491-4352

OCD Only

Received by: _____

Date: _____

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2205757047
District RP	
Facility ID	
Application ID	

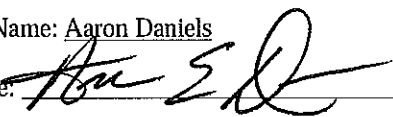
Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Aaron DanielsTitle: EHS ManagerSignature: Date: 5/13/2022email: aarond@kfoc.netTelephone: 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: 05/26/2022Printed Name: Jennifer NobuiTitle: Environmental Specialist A

ATTACHMENT B

Site Photos



Energizing America

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

Bell Lake Unit North 219H | Incident ID: nAPP2205757047

Bell Lake Unit North 219H
Incident ID: nAPP2205757047



East Side of Spill Area



North Side of Spill Area

Bell Lake Unit North 219H
Incident ID: nAPP2205757047



North Side of Spill Area



West Side of Spill Area

Bell Lake Unit North 219H
Incident ID: nAPP2205757047

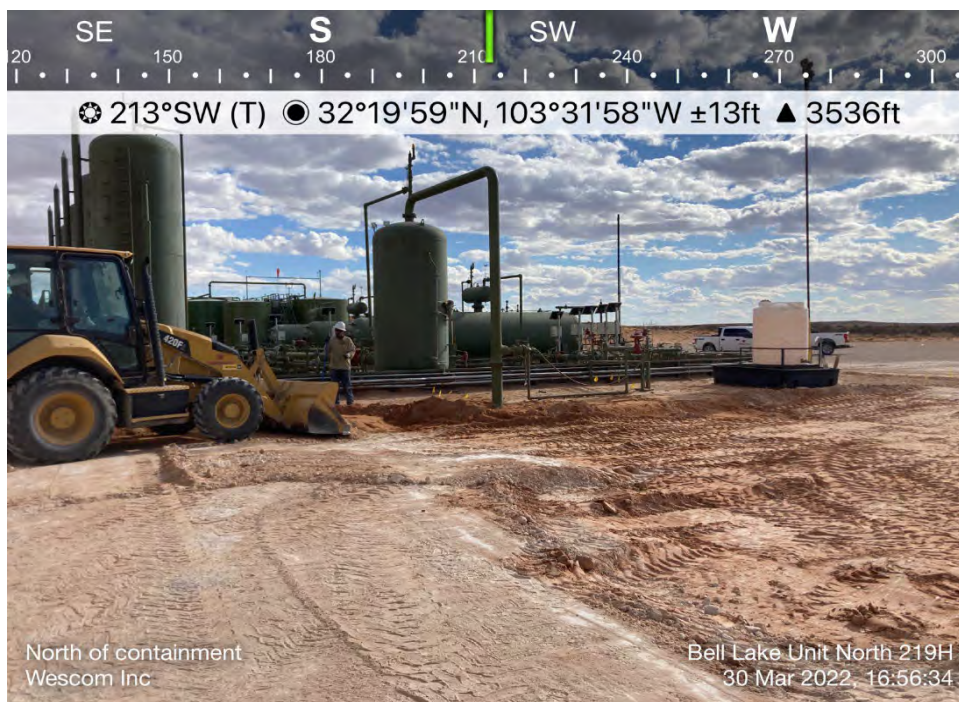


Northwest Side of Spill Area

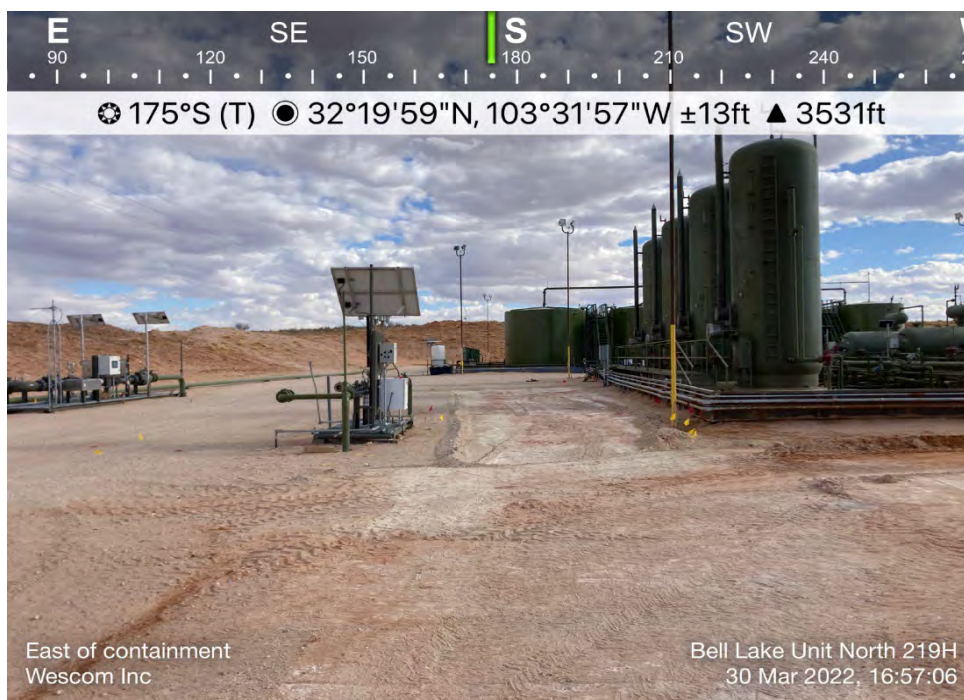


Remediation - West Side (Surface Scrape)

Bell Lake Unit North 219H
Incident ID: nAPP2205757047



Remediation - North Side (Excavation)

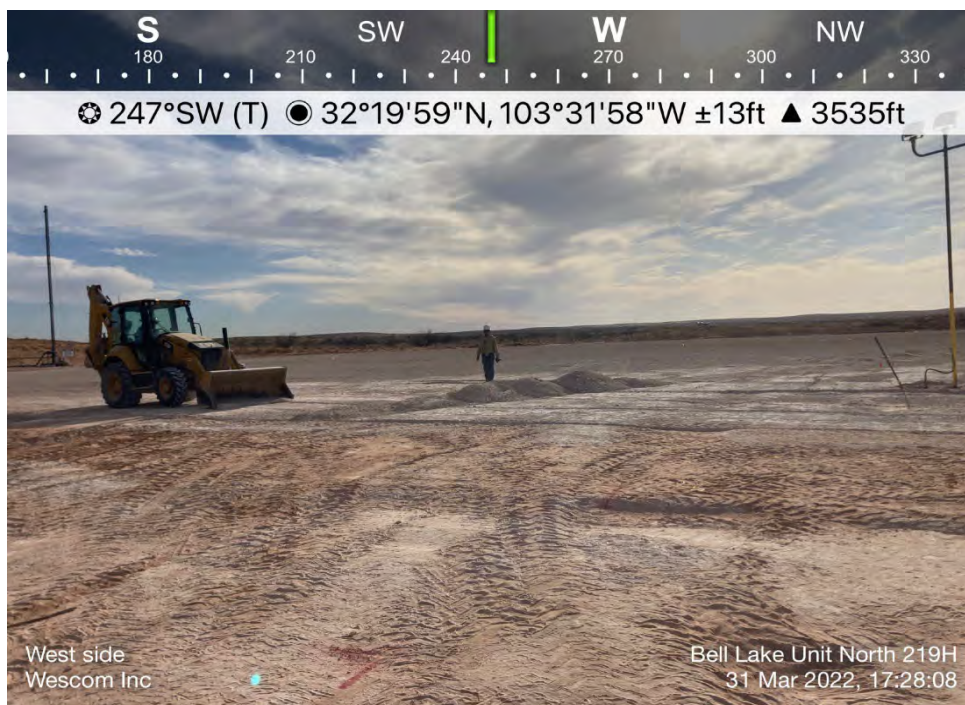


Remediation - East Side

Bell Lake Unit North 219H
Incident ID: nAPP2205757047

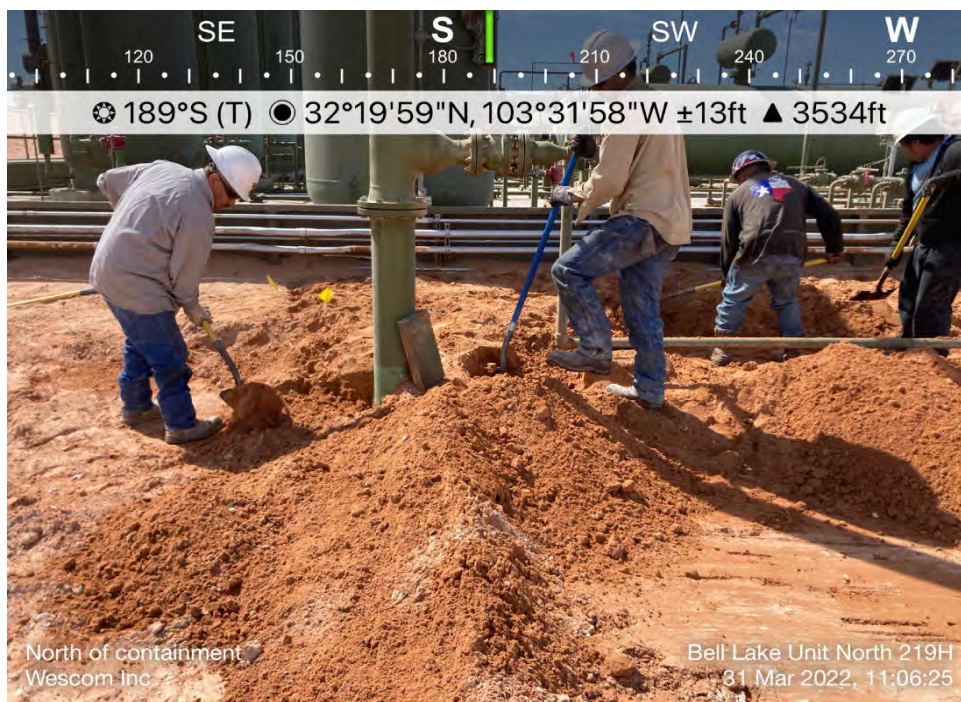


Remediation - North Side (Excavation)



Overspray Area - (Surface Scrape)

Bell Lake Unit North 219H
Incident ID: nAPP2205757047



Excavation - North Side (Hand Digging Above Pipelines)

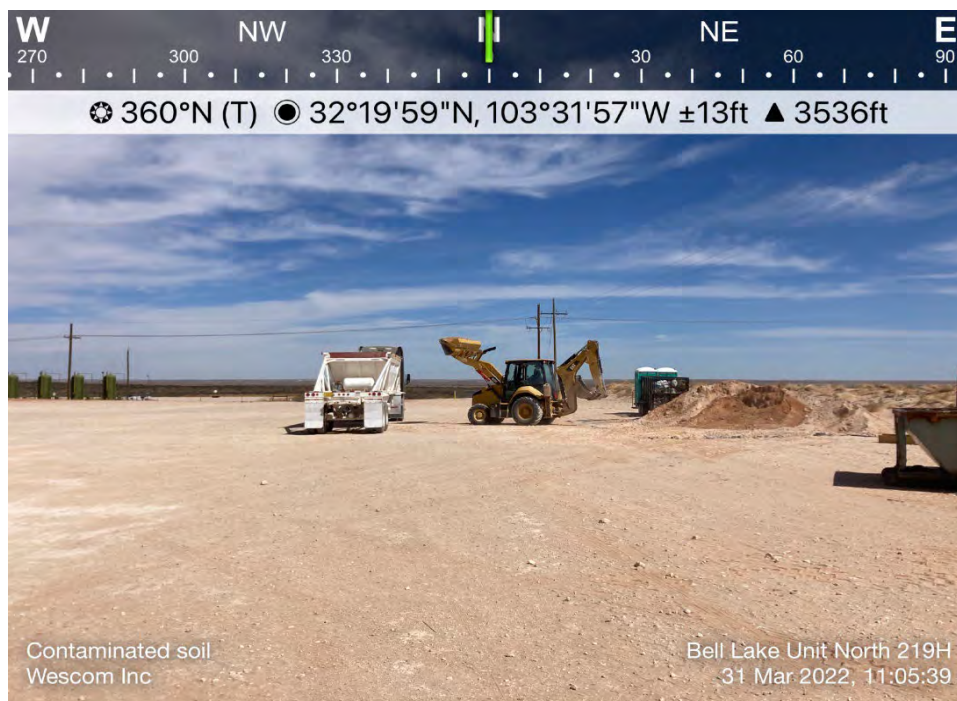


Excavation - North Side of Containment

Bell Lake Unit North 219H
Incident ID: nAPP2205757047



Contamainted Soil



Contaminated Soil Disposal

Bell Lake Unit North 219H
Incident ID: nAPP2205757047



Excavation - North Side of Containment



Excavation - East Side of Containment

Bell Lake Unit North 219H
Incident ID: nAPP2205757047



Sample Points in Overspray Area



Scraped and Resampled CONF22 Area

ATTACHMENT C

Closure Criteria Supporting Documents



Energizing America

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

Bell Lake Unit North 219H | Incident ID: nAPP2205757047



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

(NAD83 UTM in meters)

(in feet)

Record Count: 14

Easting (X): 638032.86

Northing (Y): 3578310.71

Radius: 5000

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

WELLS WITH WELL LOG INFORMATION



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

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

Driller License: 1184 **Driller Company:** WEST TEXAS WATER WELL SERVICE

Driller Name: COLLIS, ROBERT E.

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

Water Bearing Stratifications:	Top	Bottom	Description
	350	415	Sandstone/Gravel/Conglomerate
	418	460	Other/Unknown
	461	481	Other/Unknown

Casing Perforations:	Top	Bottom
	350	494

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

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
12/11/1999	1999	653040	A	jw		0
04/04/2000	2000	653040	A	jw		0
07/03/2000	2000	825869	A	jw		5.304
12/31/2000	2000	1142618	A	jw		9.721
03/31/2001	2001	1170037	A	jw		0.841
06/30/2001	2001	1347781	A	jw		5.455
09/30/2001	2001	1480212	A	jw		4.064
12/31/2001	2001	1697970	A	jw		6.683
03/31/2002	2002	1707596	A	jw		0.295
07/14/2002	2002	1785094	A	jw		2.378
09/30/2002	2002	1844508	A	jw		1.823
01/01/2003	2003	1934739	A	jw		2.769
03/31/2003	2003	2051807	A	jw		3.593

*UTM location was derived from PLSS - see Help

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
06/30/2003	2003	2197495	A	jw		4.471
09/30/2003	2003	2346900	A	jw		4.585
01/01/2004	2004	33991	R	jw	Meter has been replaced	235.908
04/01/2004	2004	315287	A	jw		8.633
06/29/2004	2004	585026	A	jw		8.278
08/16/2004	2004	716546	A	jw		4.036
09/30/2004	2004	125830	R	jw	New Meter	288.760
01/01/2005	2005	735508	A	jw		0
01/18/2005	2005	387193	A	jw		8.021
04/06/2005	2005	756024	A	jw		0.630
07/11/2005	2005	170600	A	jw		0
10/14/2005	2005	363300	A	jw		5.914
12/29/2005	2005	509100	A	RPT		4.474
05/16/2006	2006	793630	A	RPT		8.732
08/05/2006	2006	1071018	A	RPT		8.513
10/31/2006	2006	1380530	A	RPT		9.499
01/07/2019	2019	0	A	RPT	New Meter	0
03/31/2019	2019	105049	A	RPT		13.540
07/01/2019	2019	175266	A	RPT		9.051
10/01/2019	2019	266350	A	RPT		11.740
01/07/2020	2019	266350	A	RPT		0
04/01/2020	2020	335809	A	RPT		8.953
07/02/2020	2020	430850	A	RPT		12.250
10/09/2020	2020	430850	A	RPT		0
01/07/2021	2020	553593	A	WEB		15.821 X




**YTD Meter Amounts:	Year	Amount
	1999	0
	2000	15.025
	2001	17.043
	2002	4.496
	2003	15.418
	2004	545.615
	2005	19.039
	2006	26.744
	2019	34.331
	2020	37.024

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

Bell Lake Unit North 219H

Distance to Nearest Depth to Water = 2.03 Miles

Legend

-  Bell Lake Unit North #219H
-  Distance = 2.03 Miles
-  DTW = 305ft - CP 00872 POD1

Bell Lake Unit North #219H

DTW = 305ft - CP 00872 POD1

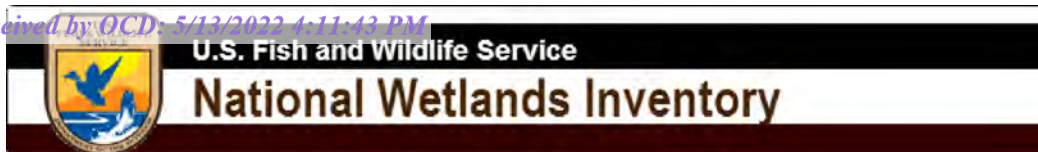
Delaware Basin Rd

Google Earth

Released to Imaging: 5/26/2022 3:04:07 PM



1 mi



Bell Lake Unit North 219H - Riverine 3,060 ft



March 25, 2022

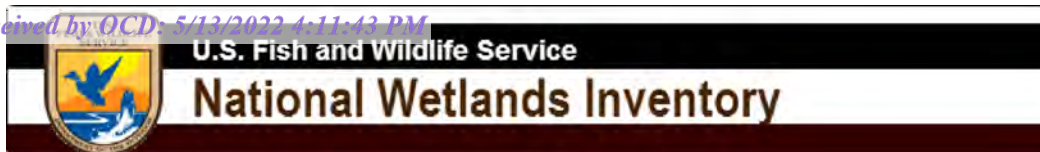
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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



Bell Lake Unit North 219H - Wetland 3,060 ft



March 25, 2022

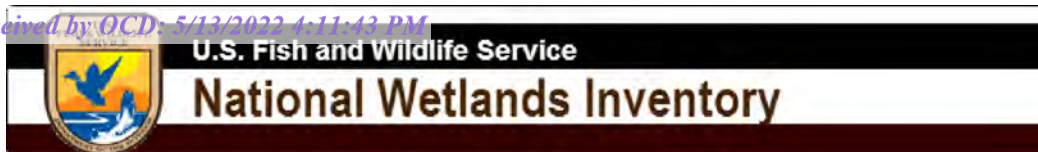
Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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



Bell Lake Unit North 219H - FW Pond 3,060 ft



March 25, 2022

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond




- Lake
- Other
- Riverine

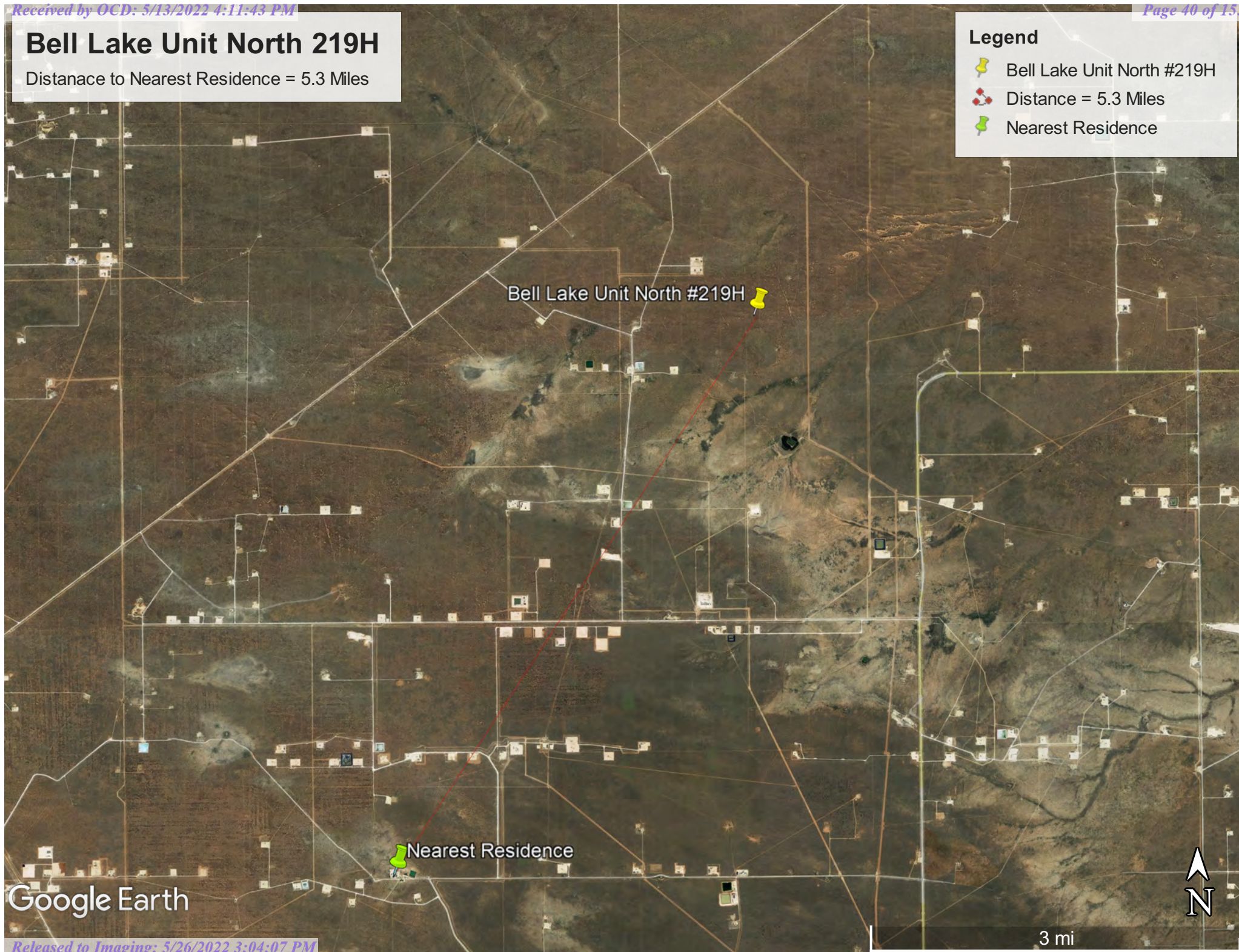
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Bell Lake Unit North 219H

Distance to Nearest Residence = 5.3 Miles

Legend

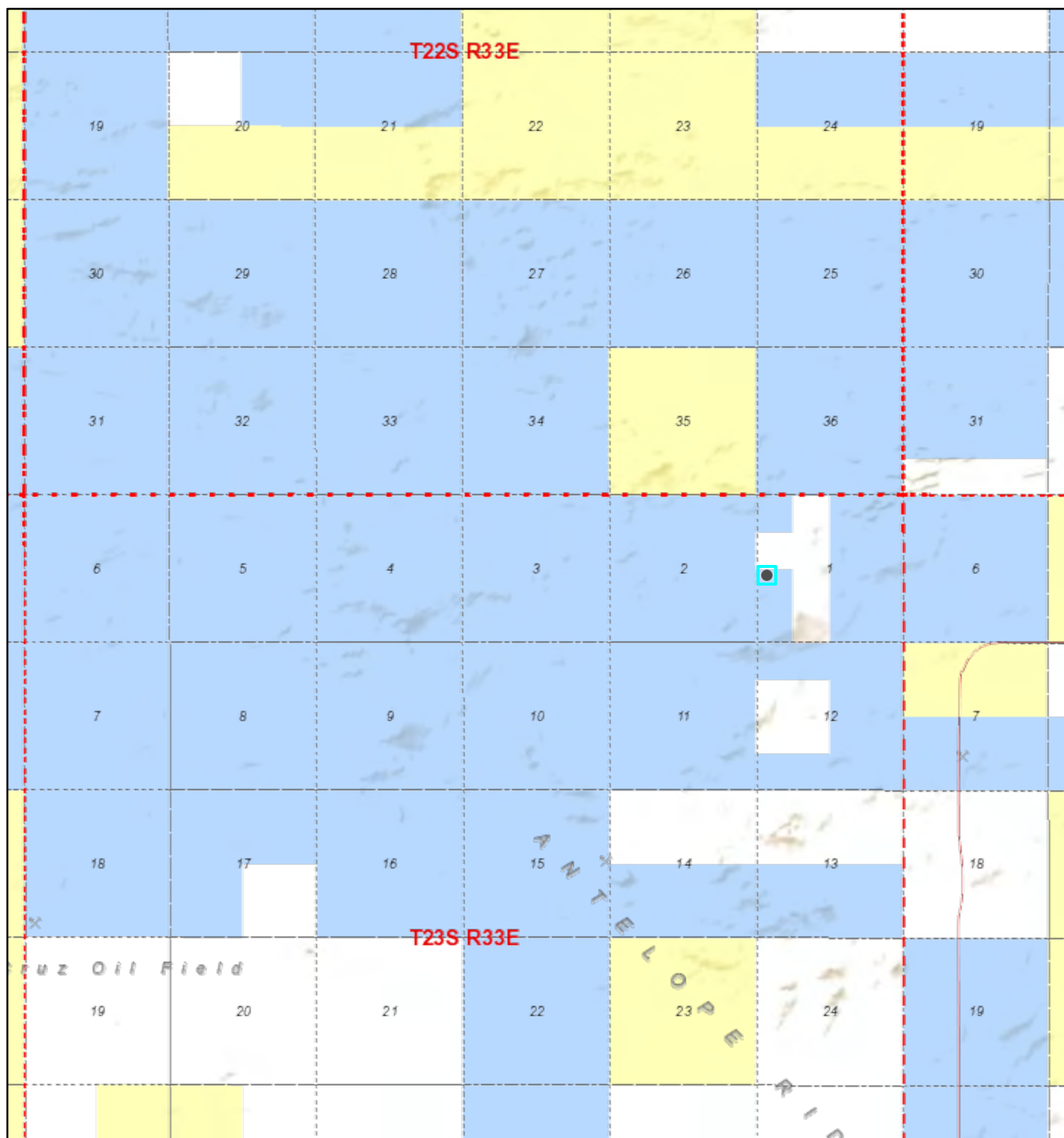
-  Bell Lake Unit North #219H
-  Distance = 5.3 Miles
-  Nearest Residence



Google Earth

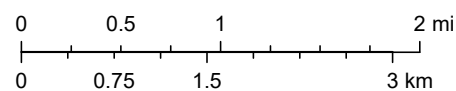
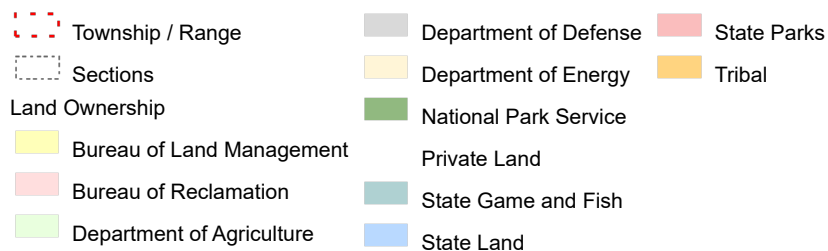
3 mi

Active Mines Near Bell Lake Unit North 219H



3/25/2022, 7:31:48 AM

1:72,224



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

EMNRD MMD GIS Coordinator

National Flood Hazard Layer FIRMette



103°32'19"W 32°20'15"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
		Area of Minimal Flood Hazard Zone X
OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/25/2022 at 9:21 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

ATTACHMENT D

Karst Map



Energizing America

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

Bell Lake Unit North 219H | Incident ID: nAPP2205757047

Bell Lake Unit North 219H

Karst Potential = Low

Legend

- 01 Low
- 02 Medium
- 03 High
- Bell Lake Unit North #219H

Bell Lake Unit North #219H



ATTACHMENT E

Envirotech Inc. Laboratory Analysis Reports



Energizing America

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

Bell Lake Unit North 219H | Incident ID: nAPP2205757047

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake Unit North 219H

Work Order: E203069

Job Number: 21022-0001

Received: 3/10/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/18/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.
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: Bell Lake Unit North 219H
Workorder: E203069
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: Bell Lake Unit North 219H.

The analytical test results summarized in this report with the Project Name: Bell Lake Unit North 219H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported: 03/18/22 12:43
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01A - 0'	E203069-01A	Soil	03/08/22	03/10/22	Glass Jar, 4 oz.
SS02 - 0'	E203069-02A	Soil	03/08/22	03/10/22	Glass Jar, 4 oz.
SS03A - 0'	E203069-03A	Soil	03/08/22	03/10/22	Glass Jar, 4 oz.
SS04B - 0'	E203069-04A	Soil	03/08/22	03/10/22	Glass Jar, 4 oz.
SS05 - 0'	E203069-05A	Soil	03/08/22	03/10/22	Glass Jar, 4 oz.
SS06B - 0'	E203069-06A	Soil	03/08/22	03/10/22	Glass Jar, 4 oz.
SS07 - 1'	E203069-07A	Soil	03/08/22	03/10/22	Glass Jar, 4 oz.



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 3/18/2022 12:43:15PM
---	---	-----------------------------------

SS01A - 0'

E203069-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Benzene	ND	0.0250	1	03/11/22	03/15/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/15/22	
Toluene	ND	0.0250	1	03/11/22	03/15/22	
o-Xylene	ND	0.0250	1	03/11/22	03/15/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/15/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene	105 %	70-130		03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/11/22	03/15/22	
Surrogate: Toluene-d8	133 %	70-130		03/11/22	03/15/22	SI
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene	105 %	70-130		03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/11/22	03/15/22	
Surrogate: Toluene-d8	133 %	70-130		03/11/22	03/15/22	SI
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2212023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/22	03/15/22	
Surrogate: n-Nonane	130 %	50-200		03/15/22	03/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2212018
Chloride	80.1	20.0	1	03/15/22	03/17/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
3/18/2022 12:43:15PM

SS02 - 0'

E203069-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Benzene	ND	0.0250	1	03/11/22	03/15/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/15/22	
Toluene	ND	0.0250	1	03/11/22	03/15/22	
o-Xylene	ND	0.0250	1	03/11/22	03/15/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/15/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene	87.3 %	70-130		03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/11/22	03/15/22	
Surrogate: Toluene-d8	108 %	70-130		03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene	87.3 %	70-130		03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4	98.8 %	70-130		03/11/22	03/15/22	
Surrogate: Toluene-d8	108 %	70-130		03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2212023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/22	03/15/22	
Surrogate: n-Nonane	128 %	50-200		03/15/22	03/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2212018
Chloride	81.5	20.0	1	03/15/22	03/17/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
3/18/2022 12:43:15PM

SS03A - 0'

E203069-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Benzene	ND	0.0250	1	03/11/22	03/15/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/15/22	
Toluene	ND	0.0250	1	03/11/22	03/15/22	
o-Xylene	ND	0.0250	1	03/11/22	03/15/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/15/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene	90.2 %	70-130		03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4	68.5 %	70-130		03/11/22	03/15/22	SI
Surrogate: Toluene-d8	135 %	70-130		03/11/22	03/15/22	SI
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene	90.2 %	70-130		03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4	68.5 %	70-130		03/11/22	03/15/22	SI
Surrogate: Toluene-d8	135 %	70-130		03/11/22	03/15/22	SI
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2212023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/22	03/15/22	
Surrogate: n-Nonane	128 %	50-200		03/15/22	03/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2212018
Chloride	46.4	20.0	1	03/15/22	03/17/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
3/18/2022 12:43:15PM

SS04B - 0'

E203069-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Benzene	ND	0.0250	1	03/11/22	03/15/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/15/22	
Toluene	ND	0.0250	1	03/11/22	03/15/22	
o-Xylene	ND	0.0250	1	03/11/22	03/15/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/15/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene		115 %	70-130	03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	03/11/22	03/15/22	
Surrogate: Toluene-d8		77.7 %	70-130	03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene		115 %	70-130	03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	03/11/22	03/15/22	
Surrogate: Toluene-d8		77.7 %	70-130	03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2212023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/22	03/15/22	
Surrogate: n-Nonane		128 %	50-200	03/15/22	03/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2212018
Chloride	73.7	20.0	1	03/15/22	03/17/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
3/18/2022 12:43:15PM

SS05 - 0'

E203069-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Benzene	ND	0.0250	1	03/11/22	03/15/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/15/22	
Toluene	ND	0.0250	1	03/11/22	03/15/22	
o-Xylene	ND	0.0250	1	03/11/22	03/15/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/15/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene		128 %	70-130	03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	03/11/22	03/15/22	
Surrogate: Toluene-d8		102 %	70-130	03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene		128 %	70-130	03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	03/11/22	03/15/22	
Surrogate: Toluene-d8		102 %	70-130	03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2212023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/22	03/15/22	
Surrogate: n-Nonane		128 %	50-200	03/15/22	03/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2212018
Chloride	285	20.0	1	03/15/22	03/17/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
3/18/2022 12:43:15PM

SS06B - 0'

E203069-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Benzene	ND	0.0250	1	03/11/22	03/15/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/15/22	
Toluene	ND	0.0250	1	03/11/22	03/15/22	
o-Xylene	ND	0.0250	1	03/11/22	03/15/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/15/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene		125 %	70-130	03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	03/11/22	03/15/22	
Surrogate: Toluene-d8		77.6 %	70-130	03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene		125 %	70-130	03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	03/11/22	03/15/22	
Surrogate: Toluene-d8		77.6 %	70-130	03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2212023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/22	03/15/22	
Surrogate: n-Nonane		126 %	50-200	03/15/22	03/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2212018
Chloride	125	20.0	1	03/15/22	03/17/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
3/18/2022 12:43:15PM

SS07 - 1'

E203069-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Benzene	ND	0.0250	1	03/11/22	03/15/22	
Ethylbenzene	ND	0.0250	1	03/11/22	03/15/22	
Toluene	ND	0.0250	1	03/11/22	03/15/22	
o-Xylene	ND	0.0250	1	03/11/22	03/15/22	
p,m-Xylene	ND	0.0500	1	03/11/22	03/15/22	
Total Xylenes	ND	0.0250	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene		127 %	70-130	03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4		80.1 %	70-130	03/11/22	03/15/22	
Surrogate: Toluene-d8		124 %	70-130	03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2211087
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/11/22	03/15/22	
Surrogate: Bromofluorobenzene		127 %	70-130	03/11/22	03/15/22	
Surrogate: 1,2-Dichloroethane-d4		80.1 %	70-130	03/11/22	03/15/22	
Surrogate: Toluene-d8		124 %	70-130	03/11/22	03/15/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KL		Batch: 2212023
Diesel Range Organics (C10-C28)	ND	25.0	1	03/15/22	03/15/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/15/22	03/15/22	
Surrogate: n-Nonane		133 %	50-200	03/15/22	03/15/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2212018
Chloride	40.0	20.0	1	03/15/22	03/17/22	



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/18/2022 12:43:15PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2211087-BLK1)

Prepared: 03/11/22 Analyzed: 03/15/22

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	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.436		0.500		87.1	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

LCS (2211087-BS1)

Prepared: 03/11/22 Analyzed: 03/15/22

Benzene	2.83	0.0250	2.50		113	70-130			
Ethylbenzene	2.90	0.0250	2.50		116	70-130			
Toluene	2.89	0.0250	2.50		115	70-130			
o-Xylene	2.80	0.0250	2.50		112	70-130			
p,m-Xylene	5.59	0.0500	5.00		112	70-130			
Total Xylenes	8.40	0.0250	7.50		112	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike (2211087-MS1)

Source: E203056-02

Prepared: 03/11/22 Analyzed: 03/15/22

Benzene	2.79	0.0250	2.50	ND	112	48-131			
Ethylbenzene	2.84	0.0250	2.50	ND	113	45-135			
Toluene	2.83	0.0250	2.50	ND	113	48-130			
o-Xylene	2.73	0.0250	2.50	ND	109	43-135			
p,m-Xylene	5.48	0.0500	5.00	ND	110	43-135			
Total Xylenes	8.20	0.0250	7.50	ND	109	43-135			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike Dup (2211087-MSD1)

Source: E203056-02

Prepared: 03/11/22 Analyzed: 03/15/22

Benzene	2.82	0.0250	2.50	ND	113	48-131	1.14	23	
Ethylbenzene	2.92	0.0250	2.50	ND	117	45-135	2.78	27	
Toluene	2.92	0.0250	2.50	ND	117	48-130	3.15	24	
o-Xylene	2.79	0.0250	2.50	ND	112	43-135	2.32	27	
p,m-Xylene	5.62	0.0500	5.00	ND	112	43-135	2.60	27	
Total Xylenes	8.41	0.0250	7.50	ND	112	43-135	2.51	27	
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/18/2022 12:43:15PM

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2211087-BLK1)

Prepared: 03/11/22 Analyzed: 03/15/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.436		0.500		87.1	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

LCS (2211087-BS2)

Prepared: 03/11/22 Analyzed: 03/15/22

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.8	70-130			

Matrix Spike (2211087-MS2)

Source: E203056-02

Prepared: 03/11/22 Analyzed: 03/15/22

Gasoline Range Organics (C6-C10)	76.6	20.0	50.0	ND	153	70-130			M7
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.450		0.500		89.9	70-130			

Matrix Spike Dup (2211087-MSD2)

Source: E203056-02

Prepared: 03/11/22 Analyzed: 03/15/22

Gasoline Range Organics (C6-C10)	69.1	20.0	50.0	ND	138	70-130	10.3	20	M7
Surrogate: Bromofluorobenzene	0.462		0.500		92.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.345		0.500		69.0	70-130			SI
Surrogate: Toluene-d8	0.740		0.500		148	70-130			SI



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/18/2022 12:43:15PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2212023-BLK1)

Prepared: 03/15/22 Analyzed: 03/15/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	54.1		50.0		108	50-200			

LCS (2212023-BS1)

Prepared: 03/15/22 Analyzed: 03/15/22

Diesel Range Organics (C10-C28)	444	25.0	500		88.7	38-132			
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	50-200			

Matrix Spike (2212023-MS1)

Source: E203069-07

Prepared: 03/15/22 Analyzed: 03/15/22

Diesel Range Organics (C10-C28)	452	25.0	500	ND	90.5	38-132			
Surrogate: <i>n</i> -Nonane	55.3		50.0		111	50-200			

Matrix Spike Dup (2212023-MSD1)

Source: E203069-07

Prepared: 03/15/22 Analyzed: 03/15/22

Diesel Range Organics (C10-C28)	464	25.0	500	ND	92.7	38-132	2.50	20	
Surrogate: <i>n</i> -Nonane	43.4		50.0		86.8	50-200			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	3/18/2022 12:43:15PM

Anions by EPA 300.0/9056A

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
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Blank (2212018-BLK1)

Prepared: 03/15/22 Analyzed: 03/17/22

Chloride ND 20.0

LCS (2212018-BS1)

Prepared: 03/15/22 Analyzed: 03/17/22

Chloride 254 20.0 250 101 90-110

Matrix Spike (2212018-MS1)

Source: E203064-06

Prepared: 03/15/22 Analyzed: 03/17/22

Chloride 495 20.0 250 214 112 80-120

Matrix Spike Dup (2212018-MSD1)

Source: E203064-06

Prepared: 03/15/22 Analyzed: 03/17/22

Chloride 474 20.0 250 214 104 80-120 4.40 20

QC Summary Report Comment:

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



Definitions and Notes

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	
1224 Standpipe Rd	Project Number:	21022-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	03/18/22 12:43

- M7 Matrix Spike was outside the acceptance limits.
- S1 Surrogate spike recovery was outside of the established acceptance limits.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Client: Kaiser Francis Oil Co		Bill To		Lab Use Only		TAT				EPA Program			
Project: Bell Lake Unit North 219H		Attention: Wescom Inc		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Ashley Giovengo		Address: 1224 Standpipe Rd		E203069		2022-0001					x		
Address: 1224 Standpipe Rd		City, State, Zip: Carlsbad, NM 88220		Analysis and Method								RCRA	
City, State, Zip: Carlsbad, NM 88220		Phone: 505-382-1211											
Phone: 505-382-1211		Email: ashley.giovengo@wescominc.com											
Email: ashley.giovengo@wescominc.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
14:18	3/8/22	Soil	1 Jar	SS01A - 0'	1							X		
10:56	3/8/22	Soil	1 Jar	SS02 - 0'	2							X		
13:57	3/8/22	Soil	1 Jar	SS03A - 0'	3							X		
13:35	3/8/22	Soil	1 Jar	SS04B - 0'	4							X		
11:15	3/8/22	Soil	1 Jar	SS05 - 0'	5							X		
15:23	3/8/22	Soil	1 Jar	SS06B - 0'	6							X		
13:02	3/8/22	Soil	1 Jar	SS07 - 1'	7							X		

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

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only	
<i>[Signature]</i>		3-9-22	11:24	<i>[Signature]</i>		3-9-22	11:24	Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3	
<i>[Signature]</i>		3-9-22	1430	<i>[Signature]</i>		3/10/22	10:30		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C	
<i>[Signature]</i>				<i>[Signature]</i>				4	

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

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

Envirotech Analytical Laboratory

Printed: 3/10/2022 1:45:43PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Kaiser Francis Oil Company	Date Received:	03/10/22 10:30	Work Order ID:	E203069
Phone:	(505) 382-1211	Date Logged In:	03/10/22 12:02	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	03/16/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: UPSComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake Unit North 219H

Work Order: E204028

Job Number: 21022-0001

Received: 4/5/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/12/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/12/22

Ashley Giovengo
1224 Standpipe Rd
Carlsbad, NM 88220



Project Name: Bell Lake Unit North 219H
Workorder: E204028
Date Received: 4/5/2022 3:55:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2022 3:55:00PM, under the Project Name: Bell Lake Unit North 219H.

The analytical test results summarized in this report with the Project Name: Bell Lake Unit North 219H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
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Sample Summary

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/12/22 16:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG01 - 0'	E204028-01A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
BG01 - 1'	E204028-02A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF01 - .5	E204028-03A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF02 - .5	E204028-04A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF03 - .5	E204028-05A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF04 - .5	E204028-06A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF05 - .5	E204028-07A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF06 - .5	E204028-08A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF07 - .5	E204028-09A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF08 - 1.5	E204028-10A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF09 - .5	E204028-11A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF10B - 2	E204028-12A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF11 - .5	E204028-13A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF12A - .5	E204028-14A	Soil	03/31/22	04/05/22	Glass Jar, 4 oz.
CONF13 - .5	E204028-15A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF14 - .5	E204028-16A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF15 - .5	E204028-17A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF16A - .5	E204028-18A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF17A - .5	E204028-19A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF18A - .5	E204028-20A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 4/12/2022 4:32:28PM
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BG01 - 0'

E204028-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.8 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/09/22	
<i>Surrogate: n-Nonane</i>	127 %	50-200		04/06/22	04/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	ND	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

BG01 - 1'

E204028-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215061
Chloride	ND	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF01 - .5

E204028-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.6 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.1 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>	127 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	ND	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF02 - .5

E204028-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.4 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.6 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>	119 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	ND	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 4/12/2022 4:32:28PM
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CONF03 - .5

E204028-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.3 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.1 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>	119 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	ND	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF04 - .5

E204028-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.4 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.5 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>	117 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	ND	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF05 - .5

E204028-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.0 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
		123 %	50-200	04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215061
Chloride	ND	20.0	1	04/07/22	04/11/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF06 - .5

E204028-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.4 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
		126 %	50-200	04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215061
Chloride	55.4	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF07 - .5

E204028-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>		117 %	50-200	04/06/22	04/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	33.1	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF08 - 1.5

E204028-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	21.8	20.0	1	04/07/22	04/08/22	



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 4/12/2022 4:32:28PM
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CONF09 - .5

E204028-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.8 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>	127 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	134	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF10B - 2

E204028-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215061
Chloride	28.2	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF11 - .5

E204028-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.3 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.0 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>	125 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	284	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF12A - .5

E204028-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215061
Chloride	ND	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF13 - .5

E204028-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215061
Chloride	22.5	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF14 - .5

E204028-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	132 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215061
Chloride	23.5	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF15 - .5

E204028-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>		118 %	50-200	04/06/22	04/10/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	38.4	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF16A - .5

E204028-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	121 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	41.9	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF17A - .5

E204028-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2215043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.5 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AK		Batch: 2215039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2215061	
Chloride	58.9	20.0	1	04/07/22	04/09/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/12/2022 4:32:28PM

CONF18A - .5

E204028-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Benzene	ND	0.0250	1	04/06/22	04/11/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/11/22	
Toluene	ND	0.0250	1	04/06/22	04/11/22	
o-Xylene	ND	0.0250	1	04/06/22	04/11/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/11/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/11/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/11/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		04/06/22	04/11/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215039
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/10/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/10/22	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		04/06/22	04/10/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215061
Chloride	ND	20.0	1	04/07/22	04/09/22	



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/12/2022 4:32:28PM

Volatile Organics by EPA 8021B

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
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Blank (2215043-BLK1)

Prepared: 04/06/22 Analyzed: 04/11/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

LCS (2215043-BS1)

Prepared: 04/06/22 Analyzed: 04/11/22

Benzene	5.32	0.0250	5.00		106	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.2	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.16	0.0250	5.00		103	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.8	70-130			

Matrix Spike (2215043-MS1)

Source: E204028-01

Prepared: 04/06/22 Analyzed: 04/11/22

Benzene	5.42	0.0250	5.00	ND	108	54-133			
Ethylbenzene	5.05	0.0250	5.00	ND	101	61-133			
Toluene	5.31	0.0250	5.00	ND	106	61-130			
o-Xylene	5.25	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130			

Matrix Spike Dup (2215043-MSD1)

Source: E204028-01

Prepared: 04/06/22 Analyzed: 04/11/22

Benzene	5.22	0.0250	5.00	ND	104	54-133	3.82	20	
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	61-133	3.09	20	
Toluene	5.13	0.0250	5.00	ND	103	61-130	3.52	20	
o-Xylene	5.10	0.0250	5.00	ND	102	63-131	3.02	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	2.98	20	
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131	2.99	20	
Surrogate: 4-Bromochlorobenzene-PID	8.71		8.00		109	70-130			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/12/2022 4:32:28PM

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2215043-BLK1)

Prepared: 04/06/22 Analyzed: 04/11/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			

LCS (2215043-BS2)

Prepared: 04/06/22 Analyzed: 04/11/22

Gasoline Range Organics (C6-C10)	54.3	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			

Matrix Spike (2215043-MS2)

Source: E204028-01

Prepared: 04/06/22 Analyzed: 04/11/22

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.8	70-130			

Matrix Spike Dup (2215043-MSD2)

Source: E204028-01

Prepared: 04/06/22 Analyzed: 04/11/22

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	0.137	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.6	70-130			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/12/2022 4:32:28PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2215039-BLK1)

Prepared: 04/06/22 Analyzed: 04/09/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	57.9		50.0		116	50-200			

LCS (2215039-BS1)

Prepared: 04/06/22 Analyzed: 04/09/22

Diesel Range Organics (C10-C28)	481	25.0	500		96.2	38-132			
Surrogate: <i>n</i> -Nonane	53.6		50.0		107	50-200			

Matrix Spike (2215039-MS1)

Source: E204028-01

Prepared: 04/06/22 Analyzed: 04/09/22

Diesel Range Organics (C10-C28)	499	25.0	500	ND	99.8	38-132			
Surrogate: <i>n</i> -Nonane	53.4		50.0		107	50-200			

Matrix Spike Dup (2215039-MSD1)

Source: E204028-01

Prepared: 04/06/22 Analyzed: 04/09/22

Diesel Range Organics (C10-C28)	517	25.0	500	ND	103	38-132	3.47	20	
Surrogate: <i>n</i> -Nonane	55.7		50.0		111	50-200			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/12/2022 4:32:28PM

Anions by EPA 300.0/9056A

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
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Blank (2215061-BLK1)

Prepared: 04/07/22 Analyzed: 04/08/22

Chloride ND 20.0

LCS (2215061-BS1)

Prepared: 04/07/22 Analyzed: 04/11/22

Chloride 260 20.0 250 104 90-110

Matrix Spike (2215061-MS1)

Source: E204028-01

Prepared: 04/07/22 Analyzed: 04/08/22

Chloride 284 20.0 250 ND 114 80-120

Matrix Spike Dup (2215061-MSD1)

Source: E204028-01

Prepared: 04/07/22 Analyzed: 04/08/22

Chloride 283 20.0 250 ND 113 80-120 0.454 20

QC Summary Report Comment:

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



Definitions and Notes

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	
1224 Standpipe Rd	Project Number:	21022-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/12/22 16:32

- 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.



Released to Imaging: 5/26/2022 3:04:07 PM

Project Information

Chain of Custody

PO 33332

Page 1 of 5

Client: Kaiser Francis Oil Co	Bill To	Lab Use Only		TAT				EPA Program	
Project: Bell Lake Unit North 219H	Attention: Wescom Inc	Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Ashley Giovengo	Address: 1224 Standpipe Rd	E 204028	21022-0001				x		
Address: 1224 Standpipe Rd	City, State, Zip: Carlsbad, NM 88220	Analysis and Method							RCRA
City, State, Zip: Carlsbad, NM 88220	Phone: 505-382-1211	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State	
Phone: 505-382-1211	Email: ashley.giovengo@wescominc.com							NM	CO
Email: ashley.giovengo@wescominc.com								UT	AZ
Report due by:								TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
17:25	4/1/22	Soil	1 Jar	BG01 - 0'	1							X		
17:27	4/1/22	Soil	1 Jar	BG01 - 1'	2							X		
15:36	3/31/22	Soil	1 Jar	CONF01 - .5	3							X		
13:34	3/31/22	Soil	1 Jar	CONF02 - .5	4							X		
13:46	3/31/22	Soil	1 Jar	CONF03 - .5	5							X		
13:50	3/31/22	Soil	1 Jar	CONF04 - .5	6							X		
16:13	3/31/22	Soil	1 Jar	CONF05 - .5	7							X		
11:26	3/31/22	Soil	1 Jar	CONF06 - .5	8							X		
11:30	3/31/22	Soil	1 Jar	CONF07 - .5	9							X		
16:07	3/31/22	Soil	1 Jar	CONF08 - 1.5	10							X		

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Received by OCD: 5/13/2022 4:11:43 PM

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Client: Kaiser Francis Oil Co		Bill To		Lab Use Only				TAT				EPA Program	
Project: Bell Lake Unit North 219H		Attention: Wescom Inc		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Ashley Giovengo		Address: 1224 Standpipe Rd		E204028		21022-0001					x		
Address: 1224 Standpipe Rd		City, State, Zip: Carlsbad, NM 88220		Analysis and Method									
City, State, Zip: Carlsbad, NM 88220		Phone: 505-382-1211		DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX									
Phone: 505-382-1211		Email: ashley.giovengo@wescominc.com											
Email: ashley.giovengo@wescominc.com				State NM CO UT AZ TX x									
Report due by:				Remarks									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
13:51	3/31/22	Soil	1 Jar	CONF09 - .5	11							X		
16:50	3/31/22	Soil	1 Jar	CONF10B - 2	12							X		
14:04	3/31/22	Soil	1 Jar	CONF11 - .5	13							X		
15:16	3/31/22	Soil	1 Jar	CONF12A - .5	14							X		
9:57	4/1/22	Soil	1 Jar	CONF13 - .5	15							X		
10:01	4/1/22	Soil	1 Jar	CONF14 - .5	16							X		
9:49	4/1/22	Soil	1 Jar	CONF15 - .5	17							X		
15:55	4/1/22	Soil	1 Jar	CONF16A - .5	18							X		
15:51	4/1/22	Soil	1 Jar	CONF17A - .5	19							X		
15:47	4/1/22	Soil	1 Jar	CONF18A - .5	20							X		

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

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only			
[Signature]		4-4-22	11:20	[Signature]		4-4-27	11:20	Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____			
[Signature]		4-4-27	16:30	[Signature]		4/5/22	13:55				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C 4			
[Signature]				[Signature]		4/5/22	00:00				

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

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

Envirotech Analytical Laboratory

Printed: 4/5/2022 6:16:26PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Kaiser Francis Oil Company	Date Received:	04/05/22 15:55	Work Order ID:	E204028
Phone:	(505) 382-1211	Date Logged In:	04/05/22 15:58	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	04/11/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Project was separated into 2 reports due to amount of samples. Workorders are as follows:
E204028 COC page 1&2 of 5, E204029 COC Page 3, 4 & 5 of 5.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake Unit North 219H

Work Order: E204029

Job Number: 21022-0001

Received: 4/5/2022

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/13/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/13/22

Ashley Giovengo
1224 Standpipe Rd
Carlsbad, NM 88220



Project Name: Bell Lake Unit North 219H
Workorder: E204029
Date Received: 4/5/2022 3:55:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2022 3:55:00PM, under the Project Name: Bell Lake Unit North 219H.

The analytical test results summarized in this report with the Project Name: Bell Lake Unit North 219H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 04/13/22 15:13
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF19 - 0	E204029-01A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF20 - 0	E204029-02A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF21 - .5	E204029-03A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF22 - .5	E204029-04A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF23 - .5	E204029-05A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF24 - .5	E204029-06A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF25 - .5	E204029-07A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF26 - 0	E204029-08A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF27 - 0	E204029-09A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF28 - .5	E204029-10A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF29 - .5	E204029-11A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF30 - .5	E204029-12A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF31 - .5	E204029-13A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF32 - .5	E204029-14A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF33 - .5	E204029-15A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF34 - .5	E204029-16A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF35 - 0	E204029-17A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF36 - 0	E204029-18A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF37 - 0	E204029-19A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF38 - 0	E204029-20A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF39 - 0	E204029-21A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF40 - 0	E204029-22A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.
CONF41 - 0	E204029-23A	Soil	04/01/22	04/05/22	Glass Jar, 4 oz.



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 4/13/2022 3:13:46PM
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CONF19 - 0

E204029-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/13/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/13/22	
Toluene	ND	0.0250	1	04/06/22	04/13/22	
o-Xylene	ND	0.0250	1	04/06/22	04/13/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/13/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/13/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	04/06/22	04/13/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/13/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	04/06/22	04/13/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>		132 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	43.1	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 4/13/2022 3:13:46PM
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CONF20 - 0

E204029-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
Surrogate: 4-Bromochlorobenzene-PID	104 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.1 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
Surrogate: n-Nonane	110 %	50-200		04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	52.6	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF21 - .5

E204029-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.0 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	29.6	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	89.0	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 4/13/2022 3:13:46PM
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CONF22 - .5

E204029-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	0.157	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	0.103	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	0.124	0.0500	1	04/06/22	04/12/22	
Total Xylenes	0.227	0.0250	1	04/06/22	04/12/22	
Surrogate: 4-Bromochlorobenzene-PID		127 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	20.6	20.0	1	04/06/22	04/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	674	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
Surrogate: n-Nonane		119 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	66.2	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF23 - .5

E204029-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.2 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>						
		113 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	26.6	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF24 - .5

E204029-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		04/06/22	04/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	58.8	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF25 - .5

E204029-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.2 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.2 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>	117 %	50-200		04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	46.2	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF26 - 0

E204029-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		04/06/22	04/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	ND	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF27 - 0

E204029-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>		119 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	60.1	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF28 - .5

E204029-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.4 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>						
		122 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	ND	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 4/13/2022 3:13:46PM
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CONF29 - .5

E204029-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>		105 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	47.0	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF30 - .5

E204029-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.5 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	29.2	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF31 - .5

E204029-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	48.1	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF32 - .5

E204029-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.6 %</i>	<i>70-130</i>		<i>04/06/22</i>	<i>04/12/22</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>92.0 %</i>	<i>70-130</i>		<i>04/06/22</i>	<i>04/12/22</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>	<i>117 %</i>	<i>50-200</i>		<i>04/06/22</i>	<i>04/08/22</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	23.5	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF33 - .5

E204029-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	21.6	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF34 - .5

E204029-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.0 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>		115 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	56.2	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 4/13/2022 3:13:46PM
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CONF35 - 0

E204029-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
Surrogate: 4-Bromochlorobenzene-PID	93.6 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.3 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
Surrogate: n-Nonane	117 %	50-200		04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	56.2	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF36 - 0

E204029-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.2 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.9 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>	111 %	50-200		04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	37.8	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF37 - 0

E204029-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215044
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215038
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		04/06/22	04/08/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215062
Chloride	44.2	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF38 - 0

E204029-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Benzene	ND	0.0250	1	04/06/22	04/12/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/12/22	
Toluene	ND	0.0250	1	04/06/22	04/12/22	
o-Xylene	ND	0.0250	1	04/06/22	04/12/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/12/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/12/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2215044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/12/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	04/06/22	04/12/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AK		Batch: 2215038	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/08/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/08/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	04/06/22	04/08/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2215062	
Chloride	56.6	20.0	1	04/07/22	04/12/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF39 - 0

E204029-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215040
Benzene	ND	0.0250	1	04/06/22	04/07/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/07/22	
Toluene	ND	0.0250	1	04/06/22	04/07/22	
o-Xylene	ND	0.0250	1	04/06/22	04/07/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/07/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	04/06/22	04/07/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215040
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	04/06/22	04/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215037
Diesel Range Organics (C10-C28)	92.6	25.0	1	04/06/22	04/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/07/22	
<i>Surrogate: n-Nonane</i>						
		89.5 %	50-200	04/06/22	04/07/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215060
Chloride	139	20.0	1	04/07/22	04/11/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF40 - 0

E204029-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215040
Benzene	ND	0.0250	1	04/06/22	04/07/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/07/22	
Toluene	ND	0.0250	1	04/06/22	04/07/22	
o-Xylene	ND	0.0250	1	04/06/22	04/07/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/07/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		04/06/22	04/07/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2215040
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.7 %	70-130		04/06/22	04/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AK		Batch: 2215037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/07/22	
<i>Surrogate: n-Nonane</i>						
	94.3 %	50-200		04/06/22	04/07/22	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2215060
Chloride	ND	20.0	1	04/07/22	04/11/22	



Sample Data

Kaiser Francis Oil Company
1224 Standpipe Rd
Carlsbad NM, 88220

Project Name: Bell Lake Unit North 219H
Project Number: 21022-0001
Project Manager: Ashley Giovengo

Reported:
4/13/2022 3:13:46PM

CONF41 - 0

E204029-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: IY		Batch: 2215040
Benzene	ND	0.0250	1	04/06/22	04/07/22	
Ethylbenzene	ND	0.0250	1	04/06/22	04/07/22	
Toluene	ND	0.0250	1	04/06/22	04/07/22	
o-Xylene	ND	0.0250	1	04/06/22	04/07/22	
p,m-Xylene	ND	0.0500	1	04/06/22	04/07/22	
Total Xylenes	ND	0.0250	1	04/06/22	04/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	04/06/22	04/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2215040
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/06/22	04/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.3 %	70-130	04/06/22	04/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: AK		Batch: 2215037
Diesel Range Organics (C10-C28)	ND	25.0	1	04/06/22	04/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/06/22	04/07/22	
<i>Surrogate: n-Nonane</i>		91.7 %	50-200	04/06/22	04/07/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2215060
Chloride	21.1	20.0	1	04/07/22	04/11/22	



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/13/2022 3:13:46PM

Volatile Organics by EPA 8021B

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
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Blank (2215040-BLK1)

Prepared: 04/06/22 Analyzed: 04/06/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

LCS (2215040-BS1)

Prepared: 04/06/22 Analyzed: 04/06/22

Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.0	70-130			
Toluene	4.78	0.0250	5.00		95.6	70-130			
o-Xylene	4.73	0.0250	5.00		94.6	70-130			
p,m-Xylene	9.39	0.0500	10.0		93.9	70-130			
Total Xylenes	14.1	0.0250	15.0		94.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			

LCS Dup (2215040-BSD1)

Prepared: 04/06/22 Analyzed: 04/06/22

Benzene	4.90	0.0250	5.00		97.9	70-130	0.553	20	
Ethylbenzene	4.57	0.0250	5.00		91.5	70-130	0.536	20	
Toluene	4.80	0.0250	5.00		96.1	70-130	0.441	20	
o-Xylene	4.77	0.0250	5.00		95.3	70-130	0.741	20	
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130	0.548	20	
Total Xylenes	14.2	0.0250	15.0		94.7	70-130	0.613	20	
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.8	70-130			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/13/2022 3:13:46PM

Volatile Organics by EPA 8021B

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
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Blank (2215044-BLK1)

Prepared: 04/06/22 Analyzed: 04/12/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.74		8.00		109	70-130			

LCS (2215044-BS1)

Prepared: 04/06/22 Analyzed: 04/12/22

Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	4.91	0.0250	5.00		98.1	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
o-Xylene	5.12	0.0250	5.00		102	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			

Matrix Spike (2215044-MS1)

Source: E204029-04

Prepared: 04/06/22 Analyzed: 04/12/22

Benzene	5.43	0.0250	5.00	ND	109	54-133			
Ethylbenzene	5.16	0.0250	5.00	0.157	100	61-133			
Toluene	5.33	0.0250	5.00	ND	107	61-130			
o-Xylene	5.49	0.0250	5.00	0.103	108	63-131			
p,m-Xylene	10.4	0.0500	10.0	0.124	103	63-131			
Total Xylenes	15.9	0.0250	15.0	0.227	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	10.1		8.00		126	70-130			

Matrix Spike Dup (2215044-MSD1)

Source: E204029-04

Prepared: 04/06/22 Analyzed: 04/12/22

Benzene	5.30	0.0250	5.00	ND	106	54-133	2.38	20	
Ethylbenzene	5.06	0.0250	5.00	0.157	98.1	61-133	1.89	20	
Toluene	5.20	0.0250	5.00	ND	104	61-130	2.59	20	
o-Xylene	5.45	0.0250	5.00	0.103	107	63-131	0.802	20	
p,m-Xylene	10.2	0.0500	10.0	0.124	101	63-131	2.03	20	
Total Xylenes	15.7	0.0250	15.0	0.227	103	63-131	1.60	20	
Surrogate: 4-Bromochlorobenzene-PID	10.6		8.00		132	70-130			S3



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/13/2022 3:13:46PM

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2215040-BLK1)

Prepared: 04/06/22 Analyzed: 04/06/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

LCS (2215040-BS2)

Prepared: 04/06/22 Analyzed: 04/06/22

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

LCS Dup (2215040-BSD2)

Prepared: 04/06/22 Analyzed: 04/06/22

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0		113	70-130	6.54	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/13/2022 3:13:46PM

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2215044-BLK1)

Prepared: 04/06/22 Analyzed: 04/12/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130			

LCS (2215044-BS2)

Prepared: 04/06/22 Analyzed: 04/12/22

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

Matrix Spike (2215044-MS2)

Source: E204029-04

Prepared: 04/06/22 Analyzed: 04/12/22

Gasoline Range Organics (C6-C10)	73.5	20.0	50.0	20.6	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2215044-MSD2)

Source: E204029-04

Prepared: 04/06/22 Analyzed: 04/12/22

Gasoline Range Organics (C6-C10)	76.9	20.0	50.0	20.6	112	70-130	4.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/13/2022 3:13:46PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2215037-BLK1)

Prepared: 04/06/22 Analyzed: 04/07/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	36.7		50.0		73.4	50-200			

LCS (2215037-BS1)

Prepared: 04/06/22 Analyzed: 04/07/22

Diesel Range Organics (C10-C28)	437	25.0	500		87.4	38-132			
Surrogate: n-Nonane	42.2		50.0		84.5	50-200			

Matrix Spike (2215037-MS1)

Source: E204008-01

Prepared: 04/06/22 Analyzed: 04/07/22

Diesel Range Organics (C10-C28)	466	25.0	500	ND	93.2	38-132			
Surrogate: n-Nonane	46.1		50.0		92.2	50-200			

Matrix Spike Dup (2215037-MSD1)

Source: E204008-01

Prepared: 04/06/22 Analyzed: 04/07/22

Diesel Range Organics (C10-C28)	471	25.0	500	ND	94.2	38-132	1.02	20	
Surrogate: n-Nonane	43.8		50.0		87.6	50-200			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/13/2022 3:13:46PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2215038-BLK1)

Prepared: 04/06/22 Analyzed: 04/08/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.7		50.0		115	50-200			

LCS (2215038-BS1)

Prepared: 04/06/22 Analyzed: 04/08/22

Diesel Range Organics (C10-C28)	509	25.0	500		102	38-132			
Surrogate: n-Nonane	56.5		50.0		113	50-200			

Matrix Spike (2215038-MS1)

Source: E204029-01

Prepared: 04/06/22 Analyzed: 04/08/22

Diesel Range Organics (C10-C28)	496	25.0	500	ND	99.3	38-132			
Surrogate: n-Nonane	56.7		50.0		113	50-200			

Matrix Spike Dup (2215038-MSD1)

Source: E204029-01

Prepared: 04/06/22 Analyzed: 04/08/22

Diesel Range Organics (C10-C28)	526	25.0	500	ND	105	38-132	5.82	20	
Surrogate: n-Nonane	59.4		50.0		119	50-200			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/13/2022 3:13:46PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2215060-BLK1)					Prepared: 04/07/22 Analyzed: 04/11/22				
Chloride	ND	20.0							
LCS (2215060-BS1)					Prepared: 04/07/22 Analyzed: 04/11/22				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2215060-MS1)					Source: E204026-01		Prepared: 04/07/22 Analyzed: 04/11/22		
Chloride	2310	40.0	250	2150	64.2	80-120			M2
Matrix Spike Dup (2215060-MSD1)					Source: E204026-01		Prepared: 04/07/22 Analyzed: 04/11/22		
Chloride	2210	40.0	250	2150	23.3	80-120	4.54	20	M2



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	4/13/2022 3:13:46PM

Anions by EPA 300.0/9056A

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
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Blank (2215062-BLK1)

Prepared: 04/07/22 Analyzed: 04/12/22

Chloride ND 20.0

LCS (2215062-BS1)

Prepared: 04/07/22 Analyzed: 04/13/22

Chloride 253 20.0 250 101 90-110

Matrix Spike (2215062-MS1)

Source: E204029-01

Prepared: 04/07/22 Analyzed: 04/12/22

Chloride 332 20.0 250 43.1 116 80-120

Matrix Spike Dup (2215062-MSD1)

Source: E204029-01

Prepared: 04/07/22 Analyzed: 04/12/22

Chloride 326 20.0 250 43.1 113 80-120 2.01 20

QC Summary Report Comment:

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



Definitions and Notes

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	
1224 Standpipe Rd	Project Number:	21022-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	04/13/22 15:13

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- S3 Surrogate spike recovery was outside acceptance limits. 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.



Released to Imaging: 5/13/2022 3:04:07 PM

Received by OCD: 5/13/2022 4:11:43 PM

Project Information

Chain of Custody

Page 3 of 5

Client: Kaiser Francis Oil Co		Bill To		Lab Use Only		TAT		EPA Program	
Project: Bell Lake Unit North 219H		Attention: Wescom Inc		Lab WO#		1D 2D 3D Standard		CWA SDWA	
Project Manager: Ashley Giovengo		Address: 1224 Standpipe Rd		E204029		Job Number		x	
Address: 1224 Standpipe Rd		City, State, Zip: Carlsbad, NM 88220		21022-0001					
City, State, Zip: Carlsbad, NM 88220		Phone: 505-382-1211		Analysis and Method				RCRA	
Phone: 505-382-1211		Email: ashley.giovengo@wescominc.com							
Email: ashley.giovengo@wescominc.com									
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/RO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	State	Remarks
11:17	4/1/22	Soil	1 Jar	CONF19 - 0	1							X		NM	
11:23	4/1/22	Soil	1 Jar	CONF20 - 0	2							X		CO	
11:35	4/1/22	Soil	1 Jar	CONF21 - .5	3							X		UT	
11:44	4/1/22	Soil	1 Jar	CONF22 - .5	4							X		AZ	
11:50	4/1/22	Soil	1 Jar	CONF23 - .5	5							X		TX	
11:56	4/1/22	Soil	1 Jar	CONF24 - .5	6							X			
13:31	4/1/22	Soil	1 Jar	CONF25 - .5	7							X			
14:00	4/1/22	Soil	1 Jar	CONF26 - 0	8							X			
14:04	4/1/22	Soil	1 Jar	CONF27 - 0	9							X			
14:08	4/1/22	Soil	1 Jar	CONF28 - .5	10							X			

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

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

Sampled by: _____

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<i>[Signature]</i>	4-4-22	11:20	<i>[Signature]</i>	4-4-22	11:20	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____
<i>[Signature]</i>	4-4-22	16:30	<i>[Signature]</i>	4/5/22	15:55	AVG Temp °C 4
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

Client: Kaiser Francis Oil Co		Bill To		Lab Use Only		TAT		EPA Program	
Project: Bell Lake Unit North 219H		Attention: Wescom Inc		Lab WO#		1D 2D 3D		CWA SDWA	
Project Manager: Ashley Giovengo		Address: 1224 Standpipe Rd		Job Number		Standard			
Address: 1224 Standpipe Rd		City, State, Zip: Carlsbad, NM 88220		E204029 2022-0001		x			
City, State, Zip: Carlsbad, NM 88220		Phone: 505-382-1211		Analysis and Method				RCRA	
Phone: 505-382-1211		Email: ashley.giovengo@wescominc.com							
Email: ashley.giovengo@wescominc.com									
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
14:09	4/1/22	Soil	1 Jar	CONF29 - .5	11							X		
14:13	4/1/22	Soil	1 Jar	CONF30 - .5	12							X		
14:16	4/1/22	Soil	1 Jar	CONF31 - .5	13							X		
14:20	4/1/22	Soil	1 Jar	CONF32 - .5	14							X		
14:28	4/1/22	Soil	1 Jar	CONF33 - .5	15							X		
14:30	4/1/22	Soil	1 Jar	CONF34 - .5	16							X		
19:32	4/1/22	Soil	1 Jar	CONF35 - 0	17							X		
16:19	4/1/22	Soil	1 Jar	CONF36 - 0	18							X		
16:22	4/1/22	Soil	1 Jar	CONF37 - 0	19							X		
16:26	4/1/22	Soil	1 Jar	CONF38 - 0	20							X		

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

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only	
<i>[Signature]</i>		4-4-22		11:20		<i>[Signature]</i>		4-4-22		11:20		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3	
<i>[Signature]</i>		4-4-22		16:30		<i>[Signature]</i>		4/5/22		15:55			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C	
<i>[Signature]</i>						<i>[Signature]</i>						4	

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

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

Client: Kaiser Francis Oil Co		Bill To		Lab Use Only		TAT		EPA Program					
Project: Bell Lake Unit North 219H		Attention: Wescom Inc		Lab WO# E 204029		Job Number 21022-0001		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Ashley Giovengo		Address: 1224 Standpipe Rd									x		
Address: 1224 Standpipe Rd		City, State, Zip: Carlsbad, NM 88220											RCRA
City, State, Zip: Carlsbad, NM 88220		Phone: 505-382-1211											
Phone: 505-382-1211		Email: ashley.giovengo@wescominc.com											
Email: ashley.giovengo@wescominc.com													
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State	Remarks
16:34	4/1/22	Soil	1 Jar	CONF39 - 0	21							X		NM	
16:37	4/1/22	Soil	1 Jar	CONF40 - 0	22							X		CO	
16:44	4/1/22	Soil	1 Jar	CONF41 - 0	23							X		UT	
														AZ	
														TX	

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

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only	
<i>Eric Burton</i>		4-4-22		11:20		<i>FRB</i>		4-4-22		11:20		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1	
<i>FRB</i>		4-4-22		16:30		<i>Carleen Chatur</i>		4/5/22		15:55		T2	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T3	
												AVG Temp °C 4	

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

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

Envirotech Analytical Laboratory

Printed: 4/5/2022 6:17:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Kaiser Francis Oil Company	Date Received:	04/05/22 15:55	Work Order ID:	E204029
Phone:	(505) 382-1211	Date Logged In:	04/05/22 16:42	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	04/11/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

Project was separated into 2 reports due to amount of samples. Workorders are as follows:
E204028 COC page 1&2 of 5, E204029 COC Page 3, 4 & 5 of 5.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name: Bell Lake Unit North 219H

Work Order: E204135

Job Number: 21022-0001

Received: 4/25/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/2/22

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/2/22

Ashley Giovengo
1224 Standpipe Rd
Carlsbad, NM 88220



Project Name: Bell Lake Unit North 219H
Workorder: E204135
Date Received: 4/25/2022 8:10:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/25/2022 8:10:00AM, under the Project Name: Bell Lake Unit North 219H.

The analytical test results summarized in this report with the Project Name: Bell Lake Unit North 219H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	05/02/22 14:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF22A - .5'	E204135-01A	Soil	04/21/22	04/25/22	Glass Jar, 4 oz.



Sample Data

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220	Project Name: Bell Lake Unit North 219H Project Number: 21022-0001 Project Manager: Ashley Giovengo	Reported: 5/2/2022 2:48:20PM
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CONF22A - .5'

E204135-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2218028	
Benzene	ND	0.0250	1	04/26/22	05/02/22	
Ethylbenzene	ND	0.0250	1	04/26/22	05/02/22	
Toluene	ND	0.0250	1	04/26/22	05/02/22	
o-Xylene	ND	0.0250	1	04/26/22	05/02/22	
p,m-Xylene	ND	0.0500	1	04/26/22	05/02/22	
Total Xylenes	ND	0.0250	1	04/26/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		04/26/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2218028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/26/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.3 %	70-130		04/26/22	05/02/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2218039	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/28/22	04/29/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/28/22	04/29/22	
<i>Surrogate: n-Nonane</i>	80.7 %	50-200		04/28/22	04/29/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2218022	
Chloride	61.3	20.0	1	04/26/22	04/28/22	



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	5/2/2022 2:48:20PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218028-BLK1)

Prepared: 04/26/22 Analyzed: 04/27/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			

LCS (2218028-BS1)

Prepared: 04/26/22 Analyzed: 04/27/22

Benzene	5.56	0.0250	5.00		111	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.9	70-130			
Toluene	5.31	0.0250	5.00		106	70-130			
o-Xylene	5.20	0.0250	5.00		104	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

Matrix Spike (2218028-MS1)

Source: E204123-21

Prepared: 04/26/22 Analyzed: 04/27/22

Benzene	5.15	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.63	0.0250	5.00	ND	92.5	61-133			
Toluene	4.92	0.0250	5.00	ND	98.3	61-130			
o-Xylene	4.84	0.0250	5.00	ND	96.7	63-131			
p,m-Xylene	9.53	0.0500	10.0	ND	95.3	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	95.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			

Matrix Spike Dup (2218028-MSD1)

Source: E204123-21

Prepared: 04/26/22 Analyzed: 04/27/22

Benzene	5.46	0.0250	5.00	ND	109	54-133	5.95	20	
Ethylbenzene	4.92	0.0250	5.00	ND	98.4	61-133	6.16	20	
Toluene	5.22	0.0250	5.00	ND	104	61-130	6.07	20	
o-Xylene	5.14	0.0250	5.00	ND	103	63-131	6.14	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	5.91	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	5.99	20	
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	5/2/2022 2:48:20PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218028-BLK1)

Prepared: 04/26/22 Analyzed: 04/27/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

LCS (2218028-BS2)

Prepared: 04/26/22 Analyzed: 04/27/22

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

Matrix Spike (2218028-MS2)

Source: E204123-21

Prepared: 04/26/22 Analyzed: 04/27/22

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

Matrix Spike Dup (2218028-MSD2)

Source: E204123-21

Prepared: 04/26/22 Analyzed: 04/27/22

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130	14.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	5/2/2022 2:48:20PM

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
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Blank (2218039-BLK1)

Prepared: 04/28/22 Analyzed: 04/28/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.4		50.0		105	50-200			

LCS (2218039-BS1)

Prepared: 04/28/22 Analyzed: 04/28/22

Diesel Range Organics (C10-C28)	437	25.0	500		87.4	38-132			
Surrogate: n-Nonane	51.3		50.0		103	50-200			

Matrix Spike (2218039-MS1)

Source: E204134-01

Prepared: 04/28/22 Analyzed: 04/28/22

Diesel Range Organics (C10-C28)	443	25.0	500	ND	88.6	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			

Matrix Spike Dup (2218039-MSD1)

Source: E204134-01

Prepared: 04/28/22 Analyzed: 04/28/22

Diesel Range Organics (C10-C28)	485	25.0	500	ND	97.0	38-132	9.06	20	
Surrogate: n-Nonane	55.5		50.0		111	50-200			



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	Reported:
1224 Standpipe Rd	Project Number:	21022-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	5/2/2022 2:48:20PM

Anions by EPA 300.0/9056A

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
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Blank (2218022-BLK1)

Prepared: 04/26/22 Analyzed: 04/28/22

Chloride	ND	20.0							
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LCS (2218022-BS1)

Prepared: 04/26/22 Analyzed: 04/28/22

Chloride	255	20.0	250		102	90-110			
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LCS Dup (2218022-BSD1)

Prepared: 04/26/22 Analyzed: 04/28/22

Chloride	249	20.0	250		99.5	90-110	2.39	20	
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QC Summary Report Comment:

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



Definitions and Notes

Kaiser Francis Oil Company	Project Name:	Bell Lake Unit North 219H	
1224 Standpipe Rd	Project Number:	21022-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	05/02/22 14:48

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Client: Kaiser Francis Oil Co					Bill To Attention: Wescom Inc Address: 1224 Standpipe Rd City, State, Zip: Carlsbad, NM 88220 Phone: 505-382-1211 Email: ashley.giovengo@wescominc.com		Lab Use Only				TAT				EPA Program				
Project: Bell Lake Unit North 219H							Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Ashley Giovengo							E204135		21022-0001					x					
Address: 1224 Standpipe Rd							Analysis and Method												
City, State, Zip: Carlsbad, NM 88220							DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			
Phone: 505-382-1211															RCRA				
Email: ashley.giovengo@wescominc.com															State				
Report due by:															NM	CO	UT	AZ	TX
															x				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												Remarks		
10:19	4/21/22	Soil	1 Jar	CONF22A - .5'	1														

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

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Sampled by:											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time	
[Signature]		04/22/22		10:30am		[Signature]		4-22-22		1030	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time	
[Signature]		4/22/22		1530		[Signature]		4/25/22		8:10	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time	
[Signature]						[Signature]					
						Lab Use Only					
						Received on ice: (Y) / N					
						T1 T2 T3					
						AVG Temp °C 4					

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

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

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

Envirotech Analytical Laboratory

Printed: 4/25/2022 9:52:31AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Kaiser Francis Oil Company	Date Received:	04/25/22 08:10	Work Order ID:	E204135
Phone:	(505) 382-1211	Date Logged In:	04/25/22 09:47	Logged In By:	Caitlin Christian
Email:	ashley.giovengo@wescominc.com	Due Date:	04/29/22 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

ATTACHMENT F

48-Hour Notification Emails



Energizing America

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

Bell Lake Unit North 219H | Incident ID: nAPP2205757047

5/6/22, 12:03 PM

Wescom Inc Mail - 48-hour Liner Inspection Notification - Bell Lake Unit North 219H (nAPP2205757047)



Ashley Giovengo <ashley.giovengo@wescominc.com>

48-hour Liner Inspection Notification - Bell Lake Unit North 219H (nAPP2205757047)

1 message

Ashley Giovengo <ashley.giovengo@wescominc.com>

Tue, Mar 1, 2022 at 2:40 PM

To: "Hamlet, Robert, EMNRD" <Robert.hamlet@state.nm.us>, "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us>, nelson.velez@state.nm.us, jennifer.nobui@state.nm.us, bradford.billings@state.nm.us, "Hensley, Chad, EMNRD" <Chad.Hensley@state.nm.us>

Cc: Aaron Daniels <aarond@kfoc.net>, Shar Harvester <shar.harvester@wescominc.com>, Cole Burton <cole.burton@wescominc.com>, Daniel Davis <daniel.davis@wescominc.com>

Hello All,

This email is to notify the NMOCD that Wescom, Inc. will be at the Bell Lake Unit North 219H - (nAPP2205757047) to perform a liner inspection. Inspection will be conducted on Thursday, March 03, 2022 (03/03/2022) at 0800 hours. Please let me know if you have any questions.

Thank you,

Ashley Giovengo, Environmental Manager - Permian

O (218) 724-1322 | C (505) 382-1211

WescomInc.com | ashley.giovengo@WescomInc.com*"I am in charge of my own safety."*

Minnesota | North Dakota | New Mexico | Wisconsin

cole.burton@wescominc.com

From: cole.burton@wescominc.com
Sent: Thursday, March 24, 2022 3:32 PM
To: Bratcher, Mike, EMNRD; Hensley, Chad, EMNRD; Hamlet, Robert, EMNRD; Venegas, Victoria, EMNRD
Cc: ashley.giovento@wescominc.com; Shar Harvester; Joey Croce; Cody York
Subject: 48-Hour Confirmation Sample Notice - Bell Lake Unit North 219H (nAPP2205757047)

Hello All,

We intend to take confirmation samples at Bell Lake Unit North 219H – nAPP2205757047 starting on (3/30/22 & 3/31/22).

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](mailto:cole.burton@WescomInc.com) | cole.burton@WescomInc.com
"I am in charge of my own safety."

From: [Ashley Giovengo](#)
To: [Bratcher, Mike, EMNRD](#); [Hensley, Chad, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Billings, Bradford, EMNRD](#); [Nobui, Jennifer, EMNRD](#); [Velez, Nelson, EMNRD](#)
Cc: [Shar Harvester](#); [Cody York](#); [Joey Croce](#); [Cole Burton](#)
Subject: 48-Hour Confirmation Sample Notice - Bell Lake Unit North 219H (nAPP2205757047)
Date: Thursday, March 31, 2022 12:42:03 PM

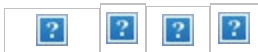
Hello All,

Please extend the confirmation sampling period at Bell Lake Unit North 219H – nAPP2205757047 from 03/30/2022 to 04/01/2022.

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

Thanks,

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



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From: cole.burton@wescominc.com
To: [Bratcher, Mike, EMNRD](#); [Hensley, Chad, EMNRD](#); [Hamlet, Robert, EMNRD](#); Bradford.Billings@state.nm.us; Jennifer.Nobui@state.nm.us; Nelson.Velez@state.nm.us
Cc: [Ashley Giovengo](#); [Shar Harvester](#); [Cody York](#); [Joey Croce](#)
Subject: 48-Hour Confirmation Sample Notice - Bell Lake Unit North 219H (nAPP2205757047)
Date: Monday, April 18, 2022 8:00:16 AM

Hello All,

Please extend the confirmation sampling period at Bell Lake Unit North 219H – nAPP2205757047 on 04/21/2022.

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."

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

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

CONDITIONS

Action 106795

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 106795
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Going forward, please submit photos of the inside of the inspected liner with gravel removed to verify liner is intact.	5/26/2022