

November 30, 2023

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

Re: Closure Request

Three Bear/Delek CTP

Incident Number: nAPP2324454223

Lea County, New Mexico

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Kaiser-Francis Oil Company (KFOC), has prepared this *Closure Request* to document excavation and soil sampling activities performed at the Three Bear/Delek CTP (Site) (Figure 1). The purpose of the Site assessment, excavation, and soil sampling activities was to address waste-containing soil resulting from a produced water release at the Site. Based on the excavation activities and analytical results from the soil sampling events, KFOC is submitting this *Closure Request*, describing remediation that has occurred and requesting closure for Incident Number nAPP2324454223.

BACKGROUND

The Site is located in Unit A, Section 36, Township 22 South, Range 33 East, in Lea County, New Mexico (32.355305°, -103.517979°) and is associated with oil and gas exploration and production operations on New Mexico State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO).

On September 1, 2023, a leaking gasket on a produced water transfer line resulted in the release of approximately 337 barrels (bbls) of produced water onto an off-pad pasture area. A vacuum truck was dispatched to the Site to remove free-standing fluids; a total of 100 bbls of produced water was recovered following the isolation and repair of the transfer line. KFOC reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on September 1, 2023, and the release was assigned Incident Number nAPP2324454223.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141 (Appendix A), Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 101 feet below ground surface (bgs) based on a soil boring completed by Atkins Engineering Associates Inc. The soil boring CP-1982 Pod-1 (also referred to as BH-01) was completed on November 7, 2023, for the purpose of establishing depth to water within a half-mile radius of the Site. Soil boring, CP-1982 Pod-1 is located approximately 0.32 miles south of the Site. The soil boring has a reported depth to groundwater greater than 101 feet

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bgs and a total depth of 101 feet bgs. There are no regional or Site-specific hydrological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. The well used for depth to groundwater determination is presented on Figure 1. The referenced well record is included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 4,541 feet south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kgChloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on September 5, 2023, through September 7, 2023, Ensolum personnel were onsite to oversee the delineation and excavation of waste-containing soil as indicated by field screening and laboratory analytical results. Two potholes (PH01 and PH02) were advanced via backhoe within the release extent to assess the vertical extent of the release. Delineation soil samples were collected from each pothole at depths ranging from 2 feet to 6 feet bgs and 5 feet to 15 feet bgs, respectively. Four delineation soil samples (SS01 through SS04) were collected from areas surrounding the release extent to verify the lateral extent at 0.5 feet bgs. All delineation soil samples were field screened for chloride using Hach® Chloride QuanTab® test strips. Field screening results and observations for the potholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

All soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.



LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples collected from potholes PH01 and PH02 were in compliance with the Closure Criteria and reclamation requirement at 6 feet bgs and 14 feet bgs, respectively. All lateral delineation soil samples were in compliance with the Closure Criteria and reclamation requirement at 0.5 feet bgs. As a result, waste-containing soil was identified in the top 4 feet of the pasture area and it was necessary to remove waste-containing soil through excavation activities to support reclamation requirements. Laboratory results are summarized in Table 1 and laboratory analytical reports are included in Appendix D.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Prior to beginning excavation activities at the Site, an archaeological survey was completed by Jeffery Pangburn. The survey determined that the release area was negative for cultural properties, and as such, the Cultural Properties Protection Rule (CPP) has been followed (see Appendix E).

Excavation of impacted soil was completed utilizing a track hoe and belly dump trucks. To direct excavation activities, soil was field screened for TPH utilizing a PetroFLAG® soil analyzer system and chloride utilizing test strips. The excavation area ranged in depth from 4 feet to 8 feet bgs and photographic documentation of excavation activities is included in Appendix F.

A confirmation soil sampling variance was submitted to NMOCD prior to collecting confirmation samples and approved by Mr. Nelson Velez on September 13, 2023 (see Appendix G). Following the approved sampling variance, 5-point composite soil samples were collected every 200 square feet from the sidewalls and every 400 square feet from the floor of the excavation beginning on September 15, 2023. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples SW01 through SW04 and SW06, SW08, and SW09 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 4 feet bgs to assess the root zone for future revegetation purposes. Composite sidewall samples SW07, SW10 and SW11 and SW05 and SW12 were also collected from the sidewalls of the excavation at depths ranging from ground surface to 6 feet bgs and ground surface to 8 feet bgs respectively. Composite soil samples FS01 through FS20 were collected from the floor of the excavation at depths ranging from 4 feet to 8 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above.

The final excavation extent measured approximately 8,000 square feet. A total of approximately 1,500 cubic yards of waste-containing soil was removed during the excavation activities. The waste-containing soil was transported and properly disposed of at the Northern Delaware Basin Disposal Facility. The excavation extent and excavation soil sample locations are presented in Figure 3.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation sidewall samples SW01 through SW12 and excavation floor samples FS01 through FS20 indicated all COC concentrations were compliant with the Site Closure Criteria and in compliance with the reclamation requirement. Laboratory analytical results are summarized in Tables 2 and 3 and laboratory analytical reports are included as Appendix D.



RECLAMATION PLAN

Portions of the release occurred off pad in the pasture and as such, a reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH were applied to the top 4 feet of the off-pad area that was impacted by the release per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation. The following Reclamation Plan addresses reclamation of the off-pad area:

- The excavation will be backfilled with locally sourced caliche and topsoil to match surrounding grade. Approximately 1-foot of topsoil will be placed on top of the caliche to support vegetative growth within the disturbed area;
- Soil in the vicinity of the release includes: Kermit soils and Dune Land, 0 to 12 percent slopes according to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey completed on November 27, 2023;
- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the NMSLO to meet reclamation standards for this region, which will be: NMSLO Deep Sand (DS) Mixture;
- The seed mixture will be distributed with either a push broadcaster seed spreader, tractor operated broadcast seed spreader, drill seeding, or other means;
- Application of the seed mixture will be at a coverage of 10 pounds of seeds per acre of reclaimed
 pasture with distribution by a drilling method or 20 pounds of seeds per acre of reclaimed pasture
 with distribution by a broadcast method;
- Erosion control management is not anticipated, but if needed, will potentially include:
 - The placement of waddles in areas with a propensity for high run off rates;
 - Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
 - Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas;
- Seeding is anticipated to be completed in the Spring when temperatures and precipitation is most conducive for vegetation growth. In general, seeding should occur approximately one month after the last frost in the Spring up until approximately one month prior to the first fall frost. NMSLO has recognized the optimal time to seed is between July and early September, which will be adhered to for this Site;
- Annual inspections (at a minimum) will take place on the location until revegetation is consistent
 with local natural vegetation density. The Site will be inspected the following Fall to assess the
 success of regrowth. If necessary, an additional application of the NMSLO-approved pure live
 seed mixture will be applied as well as any needed BMPs will be installed to support growth and
 limit erosion;
- Upon completion of revegetation, a copy of the C-103 submitted to NMOCD will also be submitted to NMSLO for final inspection and release.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the September 2023 release of produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure



Criteria per NMOCD Table I. Based on the soil sample analytical results, no further remediation was required. Reclamation will be completed as described above.

Following remediation efforts, 20 composite confirmation floor soil samples (FS01 through FS20) and 12 composite confirmation sidewall samples (SW01 though SW12) were collected. All samples were in compliance with Site Closure Criteria and with the reclamation requirement in the top 4 feet of soil.

Based on horizontal and vertical delineation sampling, depth to groundwater greater than 101 feet bgs, and confirmation soil sample laboratory analytical results in compliance with their respective Closure Criteria and reclamation requirement, KFOC believes these remedial actions have been protective of human health, the environment, and groundwater. As such, KFOC respectfully requests closure for Incident Number nAPP2324454223.

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

Sincerely, **Ensolum**, **LLC**

Ashley Giovengo Senior Engineer Daniel R. Moir, PG Senior Managing Geologist

cc: Hutton Andrew, KFOC

NMSLO

Appendices:

Figure 1 Site Location Map

Figure 2 Excavation Soil Sample Locations
Table 1 Soil Sample Analytical Results

Appendix A Form C-141

Appendix B Well Log and Record

Appendix C Lithologic Soil Sampling Logs

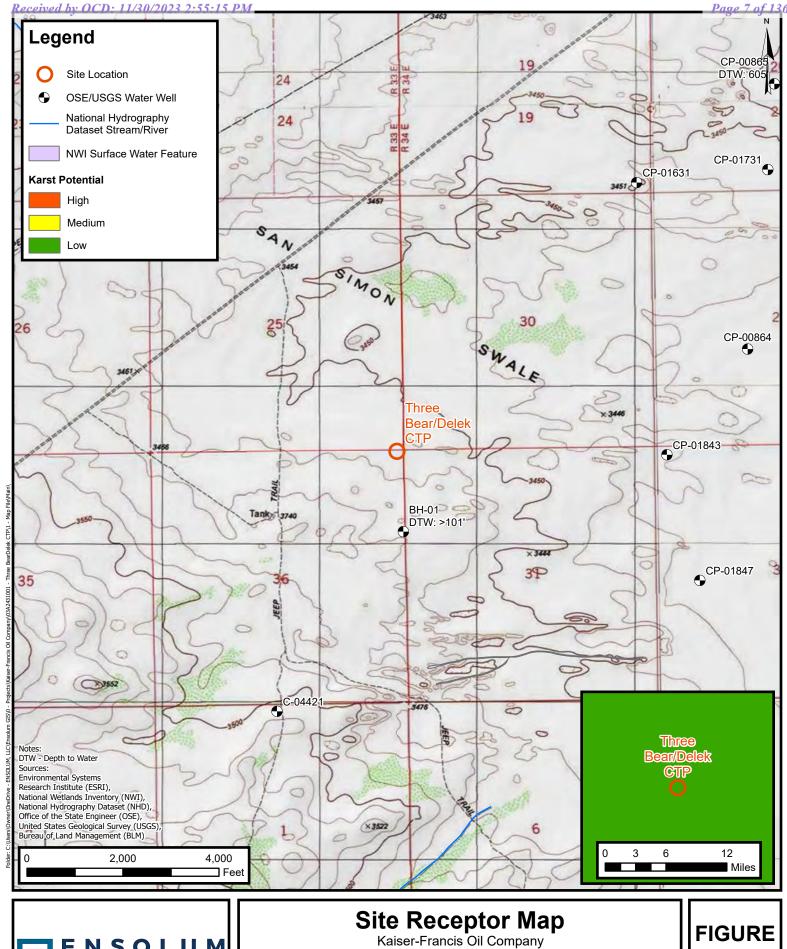
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix E NMSLO Cultural Resources Cover Sheet

Appendix F Photographic Log Appendix G Email Correspondence



FIGURES

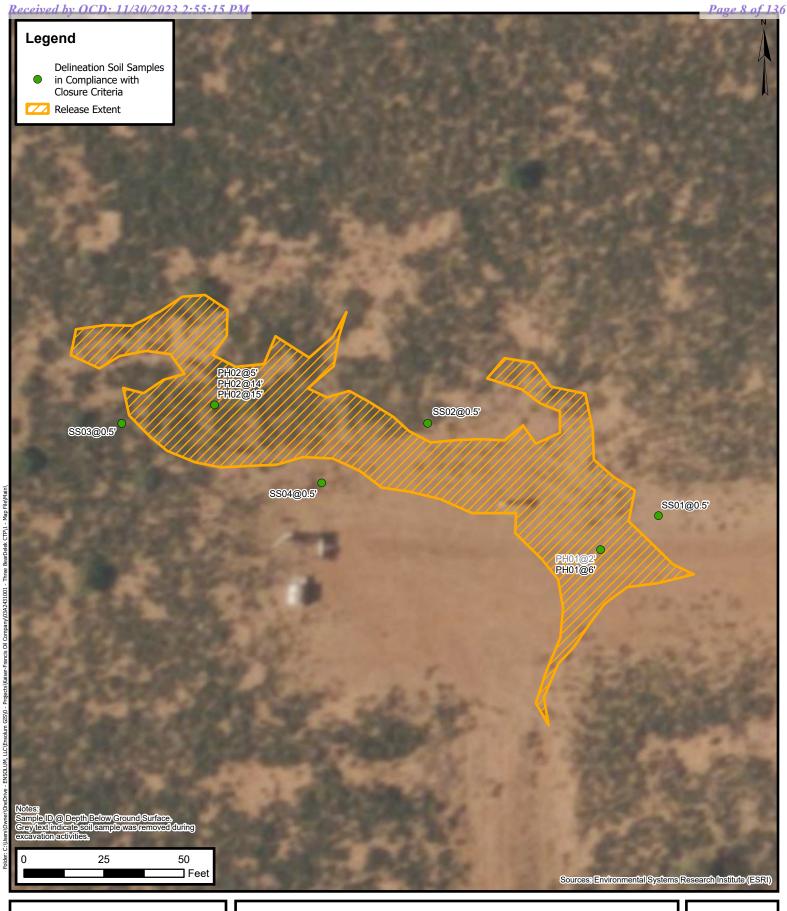




Kaiser-Francis Oil Company
Three Bear/Delek CTP
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Unit A, Section 36, Township 22S, Range 33E
Lea Co., New Mexico

FIGURE 1

Released to Imaging: 3/13/2024 11:13:12 AM

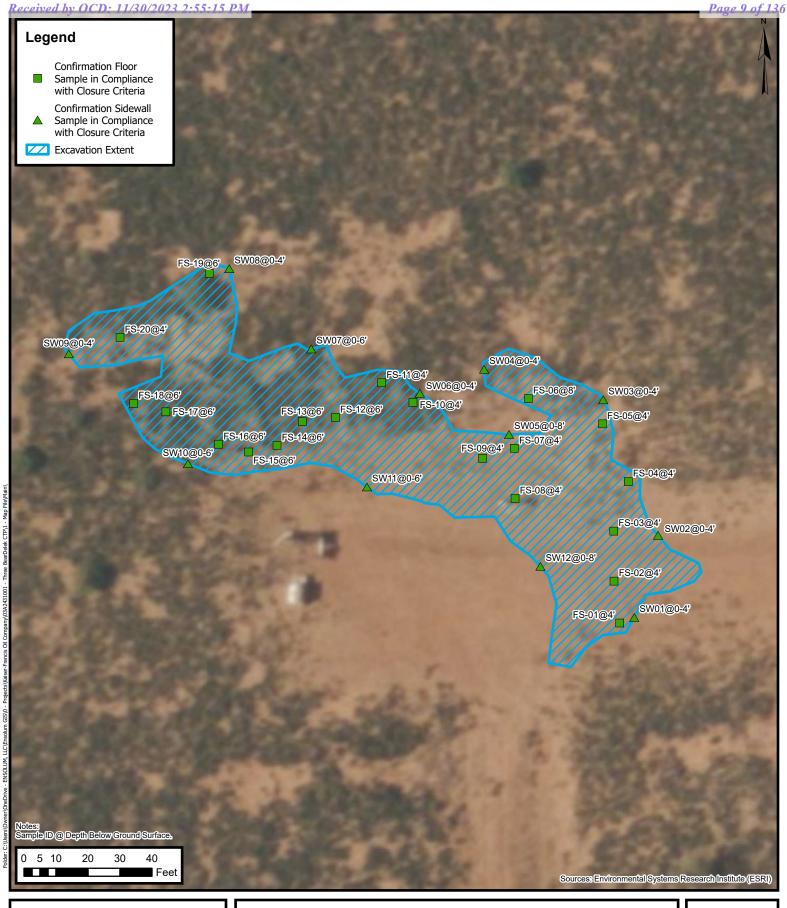




Delineation Soil Sample Locations

Kaiser-Francis Oil Company
Three Bear/Delek CTP
Incident Number: nAPP2324454223
Unit A, Section 36, Township 22S, Range 33E
Lea Co, New Mexico

FIGURE 2





Confirmation Soil Sample Locations

Kaiser-Francis Oil Company
Three Bear/Delek CTP
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Unit A, Section 36, Township 22S, Range 33E
Lea Co., New Mexico

FIGURE 3



TABLES



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Three Bear/Delek CTP **Kaiser-Francis Oil Company** Lea County, New Mexico

				Lea	County, New Me	AICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
	Delineation Soil Samples									
SS01	9/13/2023	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SS02	9/13/2023	0.5	< 0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SS03	9/13/2023	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SS04	9/13/2023	0.5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
PH01	9/13/2023	2	<0.0250	<0.0250	<20.0	<25.0	< 50.0	< 50.0	<50.0	1,910
PH01	9/13/2023	6	< 0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	60.0
PH02	9/13/2023	5	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	2,970
PH02	9/13/2023	14	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<50.0	363
PH02	9/13/2023	15	< 0.0250	<0.02450	<20.0	<25.0	<50.0	<50.0	<50.0	96.9

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

ORO: Oil Range Organics

GRO: Gasoline Range Organics

TPH: Total Petroleum Hydrocarbon

DRO: Diesel Range Organics

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

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS

Three Bear/Delek CTP **Kaiser-Francis Oil Company** Lea County New Mexico

				Lea	County, New Me	XICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Excava	tion Floor Soil S	amples				
FS01	9/25/2023	4	<0.025	<0.025	<20.0	44.8	<50.0	44.8	45	324
FS02	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	845
FS03	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	442
FS04	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	984
FS05	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	1,390
FS06	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	241
FS07	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	3,160
FS08	9/25/2023	8	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	705
FS09	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	1,120
FS10	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	397
FS11	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	2,030
FS12	9/25/2023	6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	5,280
FS13	9/25/2023	6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	4,210
FS14	9/25/2023	6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	3,810
FS15	9/25/2023	6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	2,530
FS16	9/25/2023	6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	3,940
FS17	9/25/2023	6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	2,980
FS18	9/25/2023	6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	2,580
FS19	9/25/2023	6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	3,200
FS20	9/25/2023	4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	936

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

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



TABLE 3

SOIL SAMPLE ANALYTICAL RESULTS

Three Bear/Delek CTP **Kaiser-Francis Oil Company** Lea County, New Mexico

					County, New Mc	XIOO .				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
	Excavation Sidewall Soil Samples									
SW01	9/25/2023	0-4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	39.3
SW02	9/25/2023	0-4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	115
SW03	9/25/2023	0-4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW04	9/25/2023	0-4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	210
SW05	9/25/2023	0-8	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW06	9/25/2023	0-4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0
SW07	9/25/2023	0-6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	237
SW08	9/25/2023	0-4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	52.5
SW09	9/25/2023	0-4	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	168
SW10	9/25/2023	0-6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	37.5
SW11	9/25/2023	0-6	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	118
SW12	9/25/2023	0-8	<0.025	<0.025	<20.0	<25.0	<50.0	<50.0	<50.0	<20.0

Notes:

bgs: below ground surface

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

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

mg/kg: milligrams per kilogram DRO: Diesel Range Organics NMOCD: New Mexico Oil Conservation Division ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

GRO: Gasoline Range Organics

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

[&]quot;<": Laboratory Analytical result is less than reporting limit



APPENDIX A

Form C-141

<u>District I</u> 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 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	nAPP2324454223
District RP	Y 1
Facility ID	
Application ID	

Release Notification

Responsible Party

					화장 이 이 사람들이 나를 받는데 없다.		
Responsible	Party Kaise	er Francis Oil Compa	any	OGRID	12361		
Contact Nam	ie Hutton A	ndrew		Contact	Telephone (918) 491-4615		
Contact emai	il huttona@	kfoc.net		Incident	# (assigned by OCD)		
Contact mail	ing address	6733 S. Yale Tulsa	, Oklahoma				
			Location (of Release	Source		
Latitude 32.35	5305			Longitude	e <u>-103.517979</u>		
	2302		(NAD 83 in deci	imal degrees to 5 de			
Site Name Th	ree Bear / I	Delek CTP		Site Typ	e Oil Well Pad		
Date Release		on the same and same		API# (if a			
Date Release.	Discovorca	. 02/01/2022		1 1 1 1 1 1 1	Abbitragie)		
Unit Letter	Section	Township	Range	Co	unty		
Α	36	22S	33E		Lea		
Surface Owner		Federal Tri	Nature and	Volume of			
Crude Oil		Volume Released		alchauons or specia	fic justification for the volumes provided below) Volume Recovered (bbls)		
Produced	Water	Volume Released	i (bbls) 337 bbls		Volume Recovered (bbls) 100 bbls		
		Is the concentration produced water >	on of dissolved chi	loride in the	☐ Yes ⊠ No		
Condensa	ite	Volume Released		termination of the second	Volume Recovered (bbls)		
Natural G	ias	Volume Released	l (Mcf)		Volume Recovered (Mcf)		
Other (des	scribe)	Volume/Weight F	Released (provide	units)	Volume/Weight Recovered (pre	ovide units)	
Cause of Rele	ease: Leakir	_l ng gasket					

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

+ Recovered Fluids (bbl)

 $((6,657.8 \text{ sq. ft x } 0.33 \text{ft}) / 4.21)) \times 0.45 + 100 \text{ bbls} = 337.2 \text{ bbls}$

Released to Imaging: 3/13/2024 11:13:12 AM



State of New Mexico Oil Conservation Division

Incident ID	nAPP2324454223
District RP	
Facility ID	
Application ID	

release as defined by	If YES, for what reason(s) Volume exceeded 25 bbls.		a this a major release.	
19.15.29.7(A) NMAC?				
Yes □ No				
	otice given to the OCD? By yen to NMOCD on 09/01/202	whom? To whom? When and by 23 via web portal.	what means (phone, email, etc)?	
		Initial Response		
The responsible	party must undertake the following o	actions immediately unless they could crea	te a safety hazard that would result in injury	
The source of the rele	ease has been stopped.			
The impacted area ha	s been secured to protect hur	man health and the environment.		
Released materials ha	ave been contained via the us	se of berms or dikes, absorbent pad	s, or other containment devices.	
	일은 아들이 이 그리고 있는데 살아 없다.	동물 모르 이 말을 보는 아니겠습니다. 그 모양하는		
	ecoverable materials have be d above have <u>not</u> been under			
If all the actions described Per 19.15.29.8 B. (4) NM has begun, please attach	d above have <u>not</u> been undered the description of the responsible party man a narrative of actions to date	taken, explain why: ay commence remediation immedia e. If remedial efforts have been so	ately after discovery of a release. If re	e occurred
Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containmer I hereby certify that the inforegulations all operators are public health or the environr failed to adequately investig addition, OCD acceptance of	IAC the responsible party ma a narrative of actions to date at area (see 19.15.29.11(A)(5) rmation given above is true and required to report and/or file cer nent. The acceptance of a C-14 ate and remediate contamination	ay commence remediation immediate. If remedial efforts have been sure is (a) NMAC), please attach all inforcomplete to the best of my knowledge retain release notifications and perform a report by the OCD does not relieve to that pose a threat to groundwater, sure	ately after discovery of a release. If re	e occurred es and endanger ons have ent. In
Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containmer linereby certify that the inforcegulations all operators are public health or the environr failed to adequately investig addition, OCD acceptance of and/or regulations.	AC the responsible party ma a narrative of actions to date at area (see 19.15.29.11(A)(5) rmation given above is true and required to report and/or file cer ment. The acceptance of a C-14 ate and remediate contamination f a C-141 report does not relieve	ay commence remediation immediate. If remedial efforts have been sure is (a) NMAC), please attach all inforcomplete to the best of my knowledge retain release notifications and perform a report by the OCD does not relieve to that pose a threat to groundwater, sure	ately after discovery of a release. If re accessfully completed or if the release armation needed for closure evaluation and understand that pursuant to OCD rule corrective actions for releases which may he operator of liability should their operatiface water, human health or the environman apliance with any other federal, state, or loc	e occurred es and endanger ons have ent. In
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Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containmer I hereby certify that the inforegulations all operators are public health or the environr failed to adequately investig	AC the responsible party ma a narrative of actions to date at area (see 19.15.29.11(A)(5) rmation given above is true and required to report and/or file cer ment. The acceptance of a C-14 ate and remediate contamination f a C-141 report does not relieve	ay commence remediation immediate. If remedial efforts have been sure is (a) NMAC), please attach all information release notifications and perform 1 report by the OCD does not relieve to that pose a threat to groundwater, sure the operator of responsibility for comment in the comment of th	ately after discovery of a release. If resuccessfully completed or if the release mation needed for closure evaluation and understand that pursuant to OCD rule corrective actions for releases which may he operator of liability should their operatiface water, human health or the environmental pliance with any other federal, state, or located the sentiative	e occurred es and endanger ons have ent. In

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State of New Mexico Oil Conservation Division

Incident ID	nAPP2324454223	
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?	> 101 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas not on an exploration, development, production, or storage site?	☑ Yes ☐ No

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

CI	naracterization Report Checklist: Each of the following items must be included in the report.
2.0	Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
X	Field data
X	Data table of soil contaminant concentration data
\mathbb{Z}	Depth to water determination
X	Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
	Boring or excavation logs
X	Photographs including date and GIS information
₩.	Topographic/Aerial maps
X	Laboratory data including chain of custody

the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Form C-141

Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2324454223	i
District RP		
Facility ID		<u> </u>
Application ID		

regulations all operators are required to report and/or file certain release notice public health or the environment. The acceptance of a C-141 report by the Cailed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
rinted Name: Hutton Andrew	Title: EHS Representative
Signature:	Date: <u>09/01/2023</u>
email: huttona@kfoc.net	Telephone: <u>918-491-4615</u>
OCD Only	
Received by:	Date:

State of New Mexico Oil Conservation Division

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

must be notified 2 days prior to liner inspection)

Incident ID	nAPP2324454223
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.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office

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

Description of remediation activities	
and regulations all operators are required to report and/or file may endanger public health or the environment. The acceptant should their operations have failed to adequately investigate and an all the or the environment. In addition, OCD acceptant compliance with any other federal, state, or local laws and/or in the environment.	complete to the best of my knowledge and understand that pursuant to OCD rules certain release notifications and perform corrective actions for releases which nee of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, see of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete.
Printed Name: Huttoh Andrew	Title: EHS Representative
Signature:	Date: <u>09/01/2023</u>
email: huttona@kfoc.net	Telephone: 918-491-4615
OCD Only eccived by:	Date:
	party of liability should their operations have failed to adequately investigate and face water, human health, or the environment nor does not relieve the responsible and/or regulations.
osure Approved by: Nelson Velez Nelson Velez	Date:03/13/2024
inted Name: Nelson Velez	Title: Environmental Specialist – Adv



APPENDIX B

Referenced Well Records



2904 W 2nd St. Roswell, NIM 88201 voice: 575.624.2420 fax: 575.624.2421 www.afkinseng.com

November 15, 2023

DII-NMOSE 1900 W 2nd Street Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record CP-1982 Pod-1 To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, CP-1982 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

Lucas Middleton

Enclosures: as noted above

Gran Modelin



	OSE POD NO.		0.)		WELL TAG ID NO.			1	LE NO(S	S).		_		
<u>S</u>	POD 1 (TW	/-1)			N/A			CP-1982						
AT	WELL OWNE							PHONE (OPTIONAL)						
Ö	Kalser-Francis Oil Company													
1	WELL OWNE		G ADDRESS					CITY				STATE		ZIP
WE	6733 S Yal	e Ave						Tulsa				OK	74136	
Q.	WELL		DEGREES MINUTES SECONDS											
[A]	LOCATION	, I , A	TITUDE	32	21	2.39 N		* ACC	URACY	REQUIRED:	ONE TEN	TH OF A	SECOND	
GENERAL AND WELL LOCATION	(FROM GPS	3)		103	31	3.62	W	*DAT	UM REC	UIRED: WG	S 84			
E	DECCRIPTIO		NGITUDE NG WELL LOCATION TO	O STREET ADD	DESS AND COMMON	I I ANDMAD	re pre	e (SECTI	ON TO	MANGHIID D	MCE) WH	EDE AV	AHARIE	
1. G	Sec. 36 T22			O STREET ADD	RESS AND COMMO	LANDINIAN	WO LTO	is (secti	ON, TO	WNSIBIL, KA	MGE) WII	EKE AV	AILABLE	
	Sec. 30 122	LO ROJE.												
	LICENSE NO.		NAME OF LICENSEL							NAME OF				
	124	9			Jackie D. Atkins								g Associates, l	
	DRILLING ST		DRILLING ENDED		OMPLETED WELL (F		ORE HO	LE DEPTI ±101	H (FT)	DEPTH W	ATER FIR	ST ENCO N/	OUNTERED (FT)	
	11/07/2	2023	11/07/2023	Tempo	rary Well Materi	aı						187.		
	COMPLETED	WELL IS:	ARTESIAN	VI DRY HO	LE [SHALLO	W (UNCONE	(INED)			WATER LEV PLETED WEI		/A	DATE STATIC	
NO			,	•				(FT)				11/15/	2023
ATI	DRILLING FL	UID:	_ AIR	☐ MUD	ADDITIV	ES – SPECIF								
KM	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY: Hollow Stem Auger CHECK HERE IF PITLESS ADAPTER IS INSTALLED													
NFC	DEPTH (feet bgl) BORE HOLE		CASING	CASING MATERIAL AND/OR		ASING		CASI	NG	CAS	ING WALL	SLOT		
DRILLING & CASING INFORMATION	FROM	то	DIAM		GRADE (include each casing string, and			NECTIO	N				IICKNESS	SIZE
	(inches)		(inches)				TYPE pling diameter)		(inches)			(inches)	(inches)	
C/S	0	101 ±6.25		Soil Boring						-			-	11-
Š														
)RI														
4														
						- 1								
						7								
						7.31								
						10.1								
-	DEPTH (feet bgl)	BORE HOLE	L	IST ANNULAR SI	EAL MATI	ERIAL A	AND		AM	IOUNT		METHO	D OF
A.L.	FROM	ТО	DIAM. (inches)		VEL PACK SIZE					(cul	oic feet)		PLACEN	
ERI	11011]	N/A			7					
ANNULAR MATERIAL		-												
N N														
ULA										479	II hall	1 77	William Str	
Z														
3. A														
FOR	OSE INTER	NAL USF							WR-20	WELL R	ECORD 6	& LOG	(Version 01/2	8/2022)
	NO.				POD NO).			TRN N					
LOC	ATION							WELL	TAGII	NO			PAGE	1 OF 2

	DEPTH (1	feet bgl)		COLOD AN	ID TYPE OF MATERIAL E	NCOLIN	TEDED	WAT	ren.	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WATE	ER-BEARING CAVITIES Coplemental sheets to fully d	R FRAC	TURE ZONES	WAT BEARI (YES /	NG?	YIELD FOR WATER- BEARING ZONES (gpm)
	0	14	14	Sand, med	lium/fine grained, poorly gra	fine grained, poorly graded, light brown				
	14	101	87	Sand, fin	Sand, fine grained, poorly graded, some caliche, tan				√N	
								Y	N	
								Y	N	
								Y	N	
7								Y	N	
4. HYDROGEOLOGIC LOG OF WELL								Y	N	
OF								Y	N	
507								Y	N	
HC I								Y	N	
ГОСТ								Y	N	
GEO								Y	N	
RO								Y	N	
HXI								Y	N	
4								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
								Y	N	
	METHOD U			OF WATER-BEARING BAILER OT	G STRATA: THER – SPECIFY:			AL ESTIM LL YIELD		0.00
NC NC	WELL TES				TA COLLECTED DURING HOWING DISCHARGE AN					
TEST; RIG SUPERVISION	MISCELLA	NEOUS IN	FORMATION: Te bel	mporary well materia low ground surface(b	al removed and soil borin	g backfi	s ten feet bgs to st	ttings from urface.		
TES	PRINT NAM	IE(S) OF D	RILL RIG SUPER	VISOR(S) THAT PRO	VIDED ONSITE SUPERVI	ISION OI	WELL CONSTRU	ICTION OT	HER TH	AN LICENSEE:
ri,	Shane Eldri	dge, Came	ron Pruitt							
SIGNATURE	CORRECT I	RECORD O	F THE ABOVE D	ESCRIBED HOLE AN	SEST OF HIS OR HER KNO ID THAT HE OR SHE WIL PLETION OF WELL DRIL	L FILE				
6. SIGNA	Jack A	Itkins		Jac	ckie D. Atkins			11/15/	/2023	
-		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE	NAME				DATE	
FOI	R OSE INTERI	NAL USE					WR-20 WELL RE	ECORD & L	.OG (Vei	sion 01/28/2022)
	E NO.				POD NO.		TRN NO.			
LO	CATION					WELL	TAG ID NO.			PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:			
State Engineer Well Number: CP-1982 POD-1			500 007 7000
Well owner: Kalser-Francis Oil Company		Phone N	Jo.:
Mailing address: 6733 S Yale Ave			= 4400
City: _Tulsa	State:	OK	Zip code: 74136
W WITH A DIVIGORNO INFORMATION			
 WELL PLUGGING INFORMATION: Name of well drilling company that plug 	rged well: Jackie	e D. Atkins (Atkins Eng	gineering Associates Inc.)
2) New Mexico Well Driller License No.:			Expiration Date: 04/30/25
3) Well plugging activities were supervised Lucas Middleton	l by the following	well driller(s)/rig sup	ervisor(s):
4) Date well plugging began: 11/15/2023	3	Date well plugging cor	ncluded: 11/15/2023
5) GPS Well Location: Latitude: Longitude:	32 deg 103 deg	,21min, ,31min,	2.39 sec 3.62 sec, WGS 84
6) Depth of well confirmed at initiation of p by the following manner: weighted tape	plugging as:	101 ft below groun	d level (bgl),
7) Static water level measured at initiation			
8) Date well plugging plan of operations we	as approved by th	ne State Engineer:1	1/3/2023
 Were all plugging activities consistent w differences between the approved plugging 	rith an approved ping plan and the v	olugging plan?vell as it was plugged (Yes If not, please describe (attach additional pages as needed):
			0UI 011 V0VIIS 2020 PKS SS

Version: September 8, 2009 Page 1 of 2

Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
· .	0-10' Hydrated Bentonite	Approx. 15 gallons	15 gallons	Augers	
8-	Trydrated Bernterinte				
57					
-	10'-101' Drill Cuttings	Approx. 145 gallons	145 gallons	Boring	
-	Ů				
-					
-					
0					
_					
=					
-					
_				QOT AY	Sitting of the second
-					MIN 19 2023 MG/TG
-	•	cubic feet x 7.4	BY AND OBTAIN 1805 = gallons		
		cubic yards x 201.9	97 = gallons		

III. SIGNATURE:

 I_{j} Jackie D. Atkins ______ , say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins	11/15/2023
Signature of Well Driller	Date

Version: September 8, 2009

Page 2 of 2

2023-11-15-CP-1982-WR-20--forsign

Final Audit Report 2023-11-15

Created: 2023-11-15

By: Lucas Middleton (lucas@atkinseng.com)

Status: Signed

Transaction ID: CBJCHBCAABAAgXoqvqb1F5Kp5Miq9jl2klLMlQj1dycz

"2023-11-15-CP-1982-WR-20--forsign" History

Document created by Lucas Middleton (lucas@atkinseng.com) 2023-11-15 - 9:37:13 PM GMT- IP address: 24.40.85.191

Document emailed to Jack Atkins (jack@atkinseng.com) for signature 2023-11-15 - 9:37:55 PM GMT

Email viewed by Jack Atkins (jack@atkinseng.com) 2023-11-15 - 10:35:24 PM GMT- IP address: 64.90.153.232

Document e-signed by Jack Atkins (jack@atkinseng.com)

Signature Date: 2023-11-15 - 10:37:23 PM GMT - Time Source: server- IP address: 64.90.153.232

Agreement completed. 2023-11-15 - 10:37:23 PM GMT

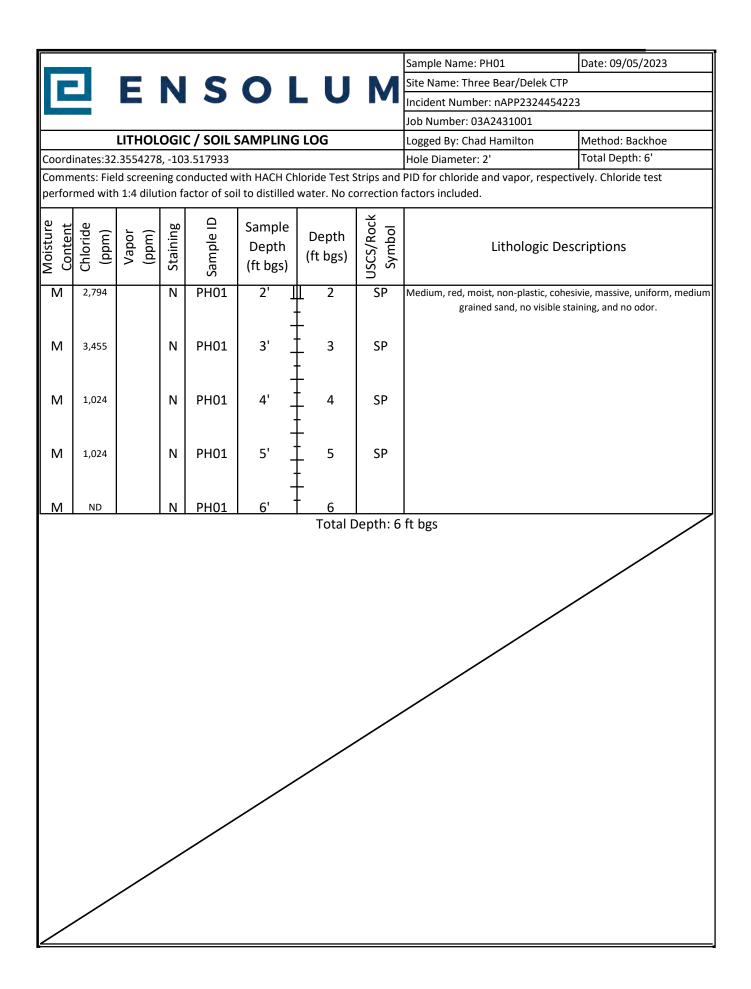
000 DTI NOU LS 2023 MG:50





APPENDIX C

Lithologic Soil Sampling Logs



								Sample Name: PH02	Date: 09/05/2023	
							B. 4	Site Name: Three Bear/Delek CTP	Date: 09/05/2025	
			N	5	OI	LU	M	Incident Number: nAPP2324454223	2	
-	Job Number: 03A2431001									
		LITHOL	OGIO	. / sou s	SAMPLING					
Coordi					AIVIFLIIVO		Logged By: Chad Hamilton Hole Diameter: 2'	Total Depth: 15'		
	Coordinates:32.3554278, -103.517933 Hole Diameter: 2' Total Depth: 15' Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test									
	performed with 1:4 dilution factor of soil to distilled water. No correction factors included.									
Moisture Content Chloride Chlo								criptions		
М	9,424		N	PH02	5']	5	SP	Medium, red, moist, non-plastic, cohesi		
					-	+		grained sand, no visible sta	iining, strong odor	
М	8,013		N	PH02	6' _	6	SP			
М	5,812		N	PH02	7' <u>-</u> -	7	SP			
М	7,392		N	PH02	8' <u>-</u> -	8	SP			
M	8,013		N	PH02	9' -	9	SP			
М	6,300		N	PH02	10'	10	SP			
М	6,300		N	PH02	11'	11	SP			
М	4,964		N	PH02	12'	12	SP			
М	2,436		N	PH02	13'	13	SP			
M	515		N	PH02	14'	14	SP			
M	ND		N	PH02	15'	15 Total D	SP epth: 15	ft bgs		

ENSOLUM

APPENDIX D

NMSLO Cultural Resources Cover Sheet



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

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

Exhibit Type (select one)

(if applicable)

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

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

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

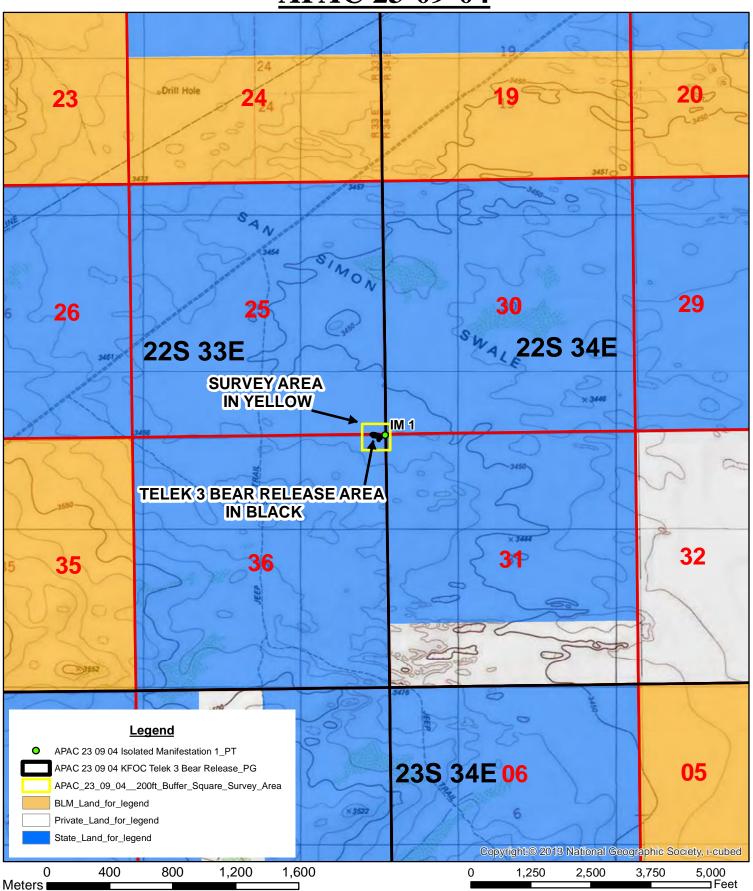
No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

Project Map APAC 23-09-04



Scale 1:24,000



A location map of the Telek 3 Bear Accidental Release Area for Kaiser Francis Oil Company Located in section 36 in T 22S R 33E; Lea County, New Mexico.

Map Reference; TIP TOP WELLS, NM (1984) 32103-C5

Detail Project Map APAC 23-09-04



APAC 23-09-04 Scale 1:2,500 25 TELEK 3 BEAR RELEASE AREA **SURVEY AREA** IN BLACK **IN YELLOW** IM 1 22S 33E 22S 34E Legend APAC 23 09 04 Isolated Manifestation 1_PT APAC 23 09 04 KFOC Telek 3 Bear Release_PG APAC_23_09_04__200ft_Buffer_Square_Survey_Area Source: Esrl, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

A location map of the Telek 3 Bear Accidental Release Area for Kaiser Francis Oil Company Located in section 36 in T 22S R 33E; Lea County, New Mexico.

Map Reference; TIP TOP WELLS, NM (1984) 32103-C5

130

260

520 ⊐Feet

40

120

160

0

Meters **■**



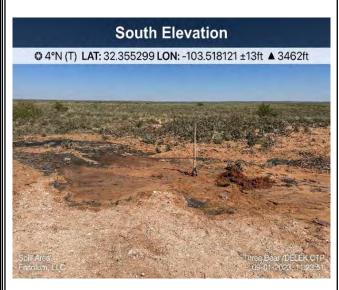
APPENDIX E

Photographic Log

ENSOLUM

Photographic Log

Kaiser- Francis Oil Company Three Bear/ Delek CTP nAPP2324454223





Photograph 1

Description: Initial Spill Area
View: South

Date: 09/01/2023

Photograph 2

Description: Excavation View: Southwest

Date: 9/5/2023

\$ 32.355363, -103.517972 ±13 m ▲ 1025 m

\$ 8ear/Delek CTP

07. Sep. 2023; 16:18:12

E 5E 5 5 210 SW 240

◆ 157°SE (T) • 32.355339, -103.517951 ±13 m ▲ 1025 m

3 Beati/Delek CTP

© 7 Sep 2023, 16:18:08

Photograph 3

Description: Excavation View: Southwest

Date: 9/7/2023

Photograph 4

Description: Excavation View: Southeast

Date: 9/7/2023



Photographic Log iser- Francis Oil Compan

Kaiser- Francis Oil Company Three Bear/ Delek CTP nAPP2324454223





Photograph 5

Description: Excavation View: Northwest

Date: 09/18/2023

Photograph 6

Description: Excavation

Date: 9/18/2023

View: East





Photograph 7

Description: Excavation View: Southeast

Date: 9/18/2023

Photograph 8

Description: Excavation
View: Northwest

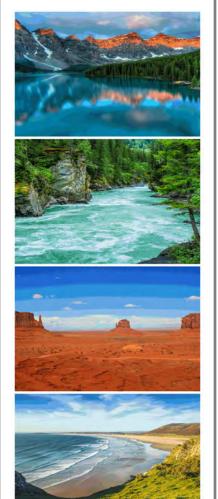
Date:9/18/2023



APPENDIX F

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name: Three Bear/Delek CTP

Work Order: E309048

Job Number: 23078-0001

Received: 9/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/13/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 9/13/23

Ashley Giovengo 1224 Standpipe Rd Carlsbad, NM 88220

Project Name: Three Bear/Delek CTP

Workorder: E309048

Date Received: 9/7/2023 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/7/2023 8:15:00AM, under the Project Name: Three Bear/Delek CTP.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

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

ljarboe@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	Donoutoda
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/13/23 11:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 0.5'	E309048-01A	Soil	09/05/23	09/07/23	Glass Jar, 4 oz.
SS02 - 0.5'	E309048-02A	Soil	09/06/23	09/07/23	Glass Jar, 4 oz.
SS03 - 0.5'	E309048-03A	Soil	09/05/23	09/07/23	Glass Jar, 4 oz.
SS04 - 0.5'	E309048-04A	Soil	09/05/23	09/07/23	Glass Jar, 4 oz.
PH01 - 2'	E309048-05A	Soil	09/05/23	09/07/23	Glass Jar, 4 oz.
PH01 - 6'	E309048-06A	Soil	09/05/23	09/07/23	Glass Jar, 4 oz.
PH02 - 5'	E309048-07A	Soil	09/05/23	09/07/23	Glass Jar, 4 oz.
PH02 - 14'	E309048-08A	Soil	09/05/23	09/07/23	Glass Jar, 4 oz.
PH02 - 15'	E309048-09A	Soil	09/05/23	09/07/23	Glass Jar, 4 oz.

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

SS01 - 0.5' E309048-01

	E309040-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	vst: IY		Batch: 2336084
ND	0.0250	1	09/08/23	09/09/23	
ND	0.0250	1	09/08/23	09/09/23	
ND	0.0250	1	09/08/23	09/09/23	
ND	0.0250	1	09/08/23	09/09/23	
ND	0.0500	1	09/08/23	09/09/23	
ND	0.0250	1	09/08/23	09/09/23	
	92.4 %	70-130	09/08/23	09/09/23	
mg/kg	mg/kg	Analy	st: IY		Batch: 2336084
ND	20.0	1	09/08/23	09/09/23	
	85.1 %	70-130	09/08/23	09/09/23	
mg/kg	mg/kg	Analy	/st: JL		Batch: 2337022
ND	25.0	1	09/11/23	09/12/23	
ND	50.0	1	09/11/23	09/12/23	
	98.5 %	50-200	09/11/23	09/12/23	
mg/kg	mg/kg	Analy	vst: BA		Batch: 2337014
ND	20.0	1	09/11/23	09/11/23	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 85.1 % mg/kg MB/kg mg/kg ND 25.0 ND 50.0 98.5 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 92.4 % 70-130 70-130 mg/kg mg/kg Analy ND 20.0 1 85.1 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 98.5 % 50-200 mg/kg Mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0250 1 09/08/23 ND 0.0500 1 09/08/23 ND 0.0250 1 09/08/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/08/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/11/23 ND 50.0 1 09/11/23 ND 50.0 1 09/11/23 Mg/kg mg/kg Analyst: JL	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/08/23 09/09/23 ND 0.0250 1 09/08/23 09/09/23 ND 0.0250 1 09/08/23 09/09/23 ND 0.0500 1 09/08/23 09/09/23 ND 0.0250 1 09/08/23 09/09/23 ND 0.0250 1 09/08/23 09/09/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/08/23 09/09/23 mg/kg mg/kg Analyst: IJ ND 25.0 1 09/08/23 09/09/23 ND 25.0 1 09/11/23 09/12/23 ND 50.0 1 09/11/23 09/12/23 ND 50.0 1 09/11/23 09/12/23 ND 50.0 0 09/11/23 09/12/23



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

SS02 - 0.5'

E309048-02						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2336084
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2336084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2337022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/12/23	
Surrogate: n-Nonane		104 %	50-200	09/11/23	09/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: BA		Batch: 2337014
Chloride	ND	20.0	1	09/11/23	09/12/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

SS03 - 0.5'

E309048-03						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2336084
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Гoluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2336084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.2 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2337022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/12/23	
Surrogate: n-Nonane		108 %	50-200	09/11/23	09/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2337014
Chloride	ND	20.0	1	09/11/23	09/12/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

SS04 - 0.5'

E309048-04						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2336084
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2336084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2337022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/12/23	
Surrogate: n-Nonane		100 %	50-200	09/11/23	09/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2337014
Chloride	ND	20.0	1	09/11/23	09/12/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

PH01 - 2' E309048-05

		E309040-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tillalyte	Result	Limit	Dilution	Trepared	Maryzea	110103
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2336084
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2336084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2337022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/12/23	
Surrogate: n-Nonane		99.8 %	50-200	09/11/23	09/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2337014
Chloride	1910	40.0	2	09/11/23	09/12/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

PH01 - 6' E309048-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336084
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
o,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2336084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.9 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2337022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/12/23	
Surrogate: n-Nonane		101 %	50-200	09/11/23	09/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2337014
Chloride	60.0	20.0	1	09/11/23	09/12/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

PH02 - 5'

		E309048-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2336084
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
o,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2336084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.5 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2337022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/12/23	
Surrogate: n-Nonane		103 %	50-200	09/11/23	09/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2337014
Chloride	2970	40.0	2	09/11/23	09/12/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

PH02 - 14' E309048-08

		E309046-06				
Anglista	Result	Reporting Limit	Dilution	Duomono	Analyzed	Notes
Analyte	Result	Limit	Dilution	Prepared	Anaiyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2336084
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2336084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.4 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2337022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/12/23	
Surrogate: n-Nonane		104 %	50-200	09/11/23	09/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: BA		Batch: 2337014
Chloride	363	20.0	1	09/11/23	09/12/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

PH02 - 15' E309048-09

		E309040-09				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tillalyte	Result	Limit	Dilution	Trepared	Maryzea	110103
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336084
Benzene	ND	0.0250	1	09/08/23	09/09/23	
Ethylbenzene	ND	0.0250	1	09/08/23	09/09/23	
Toluene	ND	0.0250	1	09/08/23	09/09/23	
o-Xylene	ND	0.0250	1	09/08/23	09/09/23	
p,m-Xylene	ND	0.0500	1	09/08/23	09/09/23	
Total Xylenes	ND	0.0250	1	09/08/23	09/09/23	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2336084
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/23	09/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	09/08/23	09/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2337022
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/23	09/12/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/23	09/12/23	
Surrogate: n-Nonane		105 %	50-200	09/11/23	09/12/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2337014
Chloride	96.9	20.0	1	09/11/23	09/12/23	



		QC 5	umm	ary Dat	a				
Kaiser Francis Oil Company 1224 Standpipe Rd		Project Name: Project Number:		Three Bear/Del 23078-0001	ek CTP				Reported:
Carlsbad NM, 88220		Project Manager:	A	Ashley Giovens	go			9/1	3/2023 11:06:46AM
		Volatile Organics by EPA 8021B							Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2336084-BLK1)							Prepared: 0	9/08/23 Anal	yzed: 09/09/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.8	70-130			
LCS (2336084-BS1)							Prepared: 0	9/08/23 Anal	yzed: 09/09/23
Benzene	4.93	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.95	0.0250	5.00		99.1	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.7	70-130			
Matrix Spike (2336084-MS1)				Source:	E309048-	01	Prepared: 0	9/08/23 Anal	yzed: 09/09/23
Benzene	4.75	0.0250	5.00	ND	95.1	54-133			
Ethylbenzene	4.79	0.0250	5.00	ND	95.7	61-133			
Toluene	4.91	0.0250	5.00	ND	98.3	61-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	63-131			
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			
Matrix Spike Dup (2336084-MSD1)				Source:	E309048-	01	Prepared: 0	9/08/23 Anal	yzed: 09/09/23
Benzene	4.81	0.0250	5.00	ND	96.3	54-133	1.26	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.5	61-133	1.89	20	
Toluene	4.99	0.0250	5.00	ND	99.8	61-130	1.59	20	
o-Xylene	5.02	0.0250	5.00	ND	100	63-131	1.94	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.83	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	1.87	20	

93.5

70-130



Surrogate: 4-Bromochlorobenzene-PID

Kaiser Francis Oil Company 1224 Standpipe Rd	Project Name: Project Number:	Three Bear/Delek CTP 23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

Carlsbad NM, 88220		Project Manage	r: As	shley Gioven	go			9	/13/2023 11:06:46A
	Nor	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
Blank (2336084-BLK1)							Prepared: 0	9/08/23 An	alyzed: 09/09/23
Gasoline Range Organics (C6-C10)	ND	20.0					-		
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.85		8.00		85.6	70-130			
LCS (2336084-BS2)							Prepared: 0	9/08/23 An	alyzed: 09/09/23
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130			
Matrix Spike (2336084-MS2)				Source:	E309048-	01	Prepared: 0	9/08/23 An	alyzed: 09/09/23
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.00		8.00		87.5	70-130			
Matrix Spike Dup (2336084-MSD2)				Source:	E309048-	01	Prepared: 0	9/08/23 An	alyzed: 09/09/23
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.5	70-130	4.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.2	70-130			

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	Reported:
1224 Standpipe Rd	Project Number:	23078-0001	0/12/2022 11 07 47 47
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	9/13/2023 11:06:46AM

Carlsbad NM, 88220		Project Manage	r: As	shley Gioveng	go				9/13/2023 11:06:46AM
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analy									Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2337022-BLK1)							Prepared: 0	9/11/23 A	nalyzed: 09/11/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			
LCS (2337022-BS1)							Prepared: 0	9/11/23 A	nalyzed: 09/11/23
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			
Matrix Spike (2337022-MS1)				Source:	E309034-	02	Prepared: 0	9/11/23 A	nalyzed: 09/11/23
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			
Matrix Spike Dup (2337022-MSD1)				Source:	E309034-	02	Prepared: 0	9/11/23 A	nalyzed: 09/11/23
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	1.15	20	
Surrogate: n-Nonane	54.0		50.0		108	50-200			

Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220		Project Name: Project Number: Project Manager	2.	hree Bear/Del 3078-0001 shley Giovens					Reported: 9/13/2023 11:06:46AM
		Anions	by EPA	300.0/9056 <i>E</i>	A				Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2337014-BLK1)							Prepared: 0	9/11/23	Analyzed: 09/11/23
Chloride	ND	20.0							
LCS (2337014-BS1)							Prepared: 0	9/11/23	Analyzed: 09/11/23
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2337014-MS1)				Source:	E309048-0)1	Prepared: 0	9/11/23	Analyzed: 09/11/23
Chloride	248	20.0	250	ND	99.1	80-120			
Matrix Spike Dup (2337014-MSD1)				Source:	E309048-0	01	Prepared: 0	9/11/23	Analyzed: 09/12/23
Chloride	250	20.0	250	ND	99.8	80-120	0.756	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:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	09/13/23 11:06

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.



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Project Manager: Ashley Giovengo Address: 6733 S Yale Ave City, State: , Zip: Tulsa, OK, 74136 Analysis and Method	2D	3D	Standard	CWA	1
Address: 3122 National Parks Hwy City, State: , Zip: Tulsa, OK, 74136 Analysis and Method		1D 2D 3D Standard			SDWA
Address: 3122 National Parks Hwy City, State: , Zip: Tulsa, OK, 74136 Analysis and Method			X		
City, State, Zip: Carlsbad NM, 88220 Phone: (580) 307-7363					RCRA
Phone: 575-988-0055 Email: Huttona@kfoc.net				State	
Email: agiovengo@ensolum.com			NM CO	15.250 5.45	TXT
Report due by:		×	×	0.1.7.2	
City, State, Zip: Carlsbad NM, 88220		GDOC		Remark	5
10:42 9/5/2023 Soil 1 Jar SS01 - 0.5' X					
10:45 9/5/2023 Soil 1 Jar SS02 - 0.5'					
12:39 9/5/2023 Soil 1 Jar SS03 - 0.5' 3 X					
12:41 9/5/2023 Soil 1 Jar SS04 - 0.5' 4 X					
9:58 9/5/2023 Soil 1 Jar PH01 - 2' 5 X					
10:52 9/5/2023 Soil 1 Jar PH01 - 6' X					
10:01 9/5/2023 Soil 1 Jar PH02 - 5' 7 X					
13:27 9/5/2023 Soil 1 Jar PH02 - 14' & X					
13:30 9/5/2023 Soil 1 Jar PH02 - 15' 9 X	7				
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, Huttona@kfoc.net					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, Samples requiring thermal preservation of collection is considered fraud and may be grounds for legal action. Sampled by:					oled or
09/06/23 10:37 Muchille Cum 15 9-6 23 1038 Received on ice: (Y	ab Use		only		
Religion of the Property of th			Т3		
Relinquished by: (Signature) Date 9.7.23 Dlos Received by (Signature) Date 15 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 gla	ass, v -	v - VO	DA		
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 exsamples 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.				analysis of	the above



e client expense. The report for the analysis of the above

Record to the analysis of the above

Record to the analysis of the above

Printed: 9/7/2023 9:57:36AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Kaiser Francis Oil Company	Date Received:	09/07/23 (08:15		Work Order ID:	E309048
Phone:	(505) 382-1211	Date Logged In:	09/07/23 (9:48		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/13/23	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mate	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	earrer. <u>e</u>	Journel		
	Il samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion			,		Comments	s/Resolution
Sample 1	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes				
	•	temperature. 4	<u>C</u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal		ers conected:	168				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	pate/Time Collected?		Yes	l			
C	ollectors name?		No				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	v. no		
	· - ·	30 WIIO:	1471	Subcontract Lab). 11a		
Client II	<u>nstruction</u>						

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name: Three Bear/Delek CTP

Work Order: E309135

Job Number: 23078-0001

Received: 9/19/2023

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 11/28/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 11/28/23

Ashley Giovengo 1224 Standpipe Rd Carlsbad, NM 88220

Project Name: Three Bear/Delek CTP

Workorder: E309135

Date Received: 9/19/2023 8:20:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2023 8:20:00AM, under the Project Name: Three Bear/Delek CTP.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	Donoutoda
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/23 09:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 - 4'	E309135-01A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
FS02 - 4'	E309135-02A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
FS03 - 4'	E309135-03A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
FS04 - 4'	E309135-04A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
FS05 - 4'	E309135-05A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
FS06 - 4'	E309135-06A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
FS07 - 4'	E309135-07A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
FS08 - 8'	E309135-08A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
FS09 - 4'	E309135-09A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
SW01 0-4'	E309135-10A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
SW02 0-4'	E309135-11A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
SW03 0-4'	E309135-12A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
SW04 0-4'	E309135-13A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
SW05 0-8'	E309135-14A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
SW10 0-6'	E309135-15A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.
SW11 0-6'	E309135-16A	Soil	09/15/23	09/19/23	Glass Jar, 2 oz.

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:38:11AM

FS01 - 4' E309135-01

Dl/	Reporting	D.I.	.:	D 1	A 1 1	Notes
Result	Limit	Dilu	uon	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst: l	RKS		Batch: 2338038
ND	0.0250	1		09/19/23	09/19/23	
ND	0.0250	1		09/19/23	09/19/23	
ND	0.0250	1	ļ	09/19/23	09/19/23	
ND	0.0250	1	Į.	09/19/23	09/19/23	
ND	0.0500	1	Į.	09/19/23	09/19/23	
ND	0.0250	1		09/19/23	09/19/23	
	108 %	70-130		09/19/23	09/19/23	
	95.5 %	70-130		09/19/23	09/19/23	
	101 %	70-130		09/19/23	09/19/23	
mg/kg	mg/kg		Analyst: l	RKS		Batch: 2338038
ND	20.0	1		09/19/23	09/19/23	
	108 %	70-130		09/19/23	09/19/23	
	95.5 %	70-130		09/19/23	09/19/23	
	101 %	70-130		09/19/23	09/19/23	
mg/kg	mg/kg		Analyst: J	πL		Batch: 2338063
44.8	25.0	1		09/20/23	09/20/23	T17
ND	50.0	1		09/20/23	09/20/23	
	91.6 %	50-200		09/20/23	09/20/23	
mg/kg	mg/kg		Analyst: l	ВА		Batch: 2338074
324	20.0	1		09/21/23	09/22/23	
	ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO8 % 95.5 % 101 % mg/kg ND 20.0 108 % 95.5 % 101 % 101 % mg/kg mg/kg 44.8 25.0 ND 50.0 91.6 % mg/kg mg/kg mg/kg	Result Limit Dilu mg/kg mg/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 108 % 70-130 95.5 % 70-130 mg/kg mg/kg ND 20.0 1 108 % 70-130 95.5 % 70-130 101 % 70-130 mg/kg mg/kg 44.8 25.0 1 ND 50.0 1 mg/kg mg/kg 50-200	Result Limit Dilution mg/kg mg/kg Analyst: 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 95.5 % 70-130 1 101 % 70-130 1 MB/kg mg/kg Analyst: 1 101 % 70-130 1 mg/kg mg/kg Analyst: 1 MD 50.0 1 MD 50.0 1 91.6 % 50-200 mg/kg Mg/kg Analyst: 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/19/23 ND 0.0250 1 09/19/23 ND 0.0250 1 09/19/23 ND 0.0500 1 09/19/23 ND 0.0250 1 09/19/23 ND 0.0250 1 09/19/23 ND 0.0250 1 09/19/23 95.5 % 70-130 09/19/23 101 % 70-130 09/19/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/19/23 108 % 70-130 09/19/23 95.5 % 70-130 09/19/23 101 % 70-130 09/19/23 101 % 70-130 09/19/23 101 % 70-130 09/19/23 101 % 70-130 09/19/23 101 % 70-130 09/19/23 101 %	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 09/19/23 09/19/23 ND 0.0500 1 09/19/23 09/19/23 ND 0.0250 1 09/19/23 09/19/23 ND 0.0250 1 09/19/23 09/19/23 95.5 % 70-130 09/19/23 09/19/23 95.5 % 70-130 09/19/23 09/19/23 mg/kg mg/kg Analyst: RKS ND 20.0 1 09/19/23 09/19/23 95.5 % 70-130 09/19/23 09/19/23 95.5 % 70-130 09/19/23 09/19/23 101 % 70-130 09/19/23 09/19/23 mg/kg mg



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

FS02 - 4' E309135-02

		Reporting					
Analyte	Result	Limit	Dilut	tion P	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2338038
Benzene	ND	0.0250	1	0	9/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	. 0	9/19/23	09/19/23	
Toluene	ND	0.0250	1	. 0	9/19/23	09/19/23	
o-Xylene	ND	0.0250	1	. 0	9/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	. 0	9/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	. 0	9/19/23	09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	0	9/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	0	9/19/23	09/19/23	
Surrogate: Toluene-d8		102 %	70-130	0	9/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 0	9/19/23	09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	0	9/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	0	9/19/23	09/19/23	
Surrogate: Toluene-d8		102 %	70-130	0	9/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	0	9/20/23	09/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	. 0	9/20/23	09/20/23	
Surrogate: n-Nonane		88.8 %	50-200	0	9/20/23	09/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2338074
Chloride	845	20.0	1		9/21/23	09/22/23	



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

FS03 - 4' E309135-03

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2338038
Benzene	ND	0.0250	1	09/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/19/23	09/19/23	
Toluene	ND	0.0250	1	09/19/23	09/19/23	
o-Xylene	ND	0.0250	1	09/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130	09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	09/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130	09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130	09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	09/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130	09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/20/23	
Surrogate: n-Nonane		89.5 %	50-200	09/20/23	09/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2338074
Chloride	442	20.0		09/21/23	09/22/23	



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

FS04 - 4' E309135-04

		E307133-04					
Anglyta	Result	Reporting Limit	Dilu	tion D-	epared	Analyzed	Notes
Analyte	Resuit	Limit	Dilui	uon Pr	eparea	Anaiyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2338038
Benzene	ND	0.0250	1	. 09	9/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	. 09	9/19/23	09/19/23	
Toluene	ND	0.0250	1	. 09	9/19/23	09/19/23	
o-Xylene	ND	0.0250	1	. 09	9/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	. 09	9/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	. 09	9/19/23	09/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	09	0/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	09	0/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130	09	0/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 09	9/19/23	09/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	09	0/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	09	0/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130	09	0/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL			Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	09	9/20/23	09/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	. 09	9/20/23	09/20/23	
Surrogate: n-Nonane		91.9 %	50-200	09	0/20/23	09/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA			Batch: 2338074
Chloride	984	20.0	1	09	9/21/23	09/22/23	
Chioride	70 4	∠0.0	1	. 09	1140	07122123	

Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

FS05 - 4' E309135-05

		E507155-05					
	D. I	Reporting			,		N.
Analyte	Result	Limit	Dilut	tion Pi	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2338038
Benzene	ND	0.0250	1	. 09	9/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	. 09	9/19/23	09/19/23	
Toluene	ND	0.0250	1	. 09	9/19/23	09/19/23	
o-Xylene	ND	0.0250	1	. 09	9/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	. 09	9/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	. 09	9/19/23	09/19/23	
Surrogate: Bromofluorobenzene		104 %	70-130	09	9/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	09	9/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130	09	9/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	. 09	9/19/23	09/19/23	
Surrogate: Bromofluorobenzene		104 %	70-130	09	9/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	09	9/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130	09	9/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL			Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	09	9/20/23	09/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	. 09	9/20/23	09/20/23	
Surrogate: n-Nonane		83.6 %	50-200	09	9/20/23	09/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA			Batch: 2338074
Chloride	1390	20.0	1		9/21/23	09/22/23	<u> </u>

Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

FS06 - 4' E309135-06

		E507155-00					
Aughto	Result	Reporting Limit	Dilu	ıti an	Duomonod	Amalyzad	Notes
Analyte	Resuit	Limit	Dilu	luon	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2338038
Benzene	ND	0.0250	1	1	09/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	1	09/19/23	09/19/23	
Toluene	ND	0.0250	1	1	09/19/23	09/19/23	
o-Xylene	ND	0.0250	1	1	09/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	1	09/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130		09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		09/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130		09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130		09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		09/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130		09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/20/23	09/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/20/23	09/20/23	
Surrogate: n-Nonane		92.1 %	50-200		09/20/23	09/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	BA		Batch: 2338074
Chloride	241	20.0	1	1	09/21/23	09/22/23	

Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

FS07 - 4' E309135-07

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RI	ζS		Batch: 2338038
Benzene	ND	0.0250	1		09/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1		09/19/23	09/19/23	
Toluene	ND	0.0250	1		09/19/23	09/19/23	
o-Xylene	ND	0.0250	1		09/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1		09/19/23	09/19/23	
Total Xylenes	ND	0.0250	1		09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130		09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RI	ΚS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1		09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130		09/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130		09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL			Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1		09/20/23	09/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1		09/20/23	09/20/23	
Surrogate: n-Nonane		87.0 %	50-200		09/20/23	09/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: BA	A		Batch: 2338074
Chloride	3160	40.0	2		09/21/23	09/22/23	



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

FS08 - 8' E309135-08

		1007100 00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2338038
Benzene	ND	0.0250	1	09/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/19/23	09/19/23	
Toluene	ND	0.0250	1	09/19/23	09/19/23	
o-Xylene	ND	0.0250	1	09/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	09/19/23	09/19/23	
Surrogate: Toluene-d8		102 %	70-130	09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	09/19/23	09/19/23	
Surrogate: Toluene-d8		102 %	70-130	09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/20/23	
Surrogate: n-Nonane		90.2 %	50-200	09/20/23	09/20/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: BA		Batch: 2338074
Chloride	705	20.0	1	09/21/23	09/22/23	

Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

FS09 - 4' E309135-09

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: RKS		Batch: 2338038
Benzene	ND	0.0250	1	09/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/19/23	09/19/23	
Toluene	ND	0.0250	1	09/19/23	09/19/23	
o-Xylene	ND	0.0250	1	09/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/19/23	09/19/23	
Surrogate: Toluene-d8		102 %	70-130	09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/19/23	09/19/23	
Surrogate: Toluene-d8		102 %	70-130	09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
Surrogate: n-Nonane		90.8 %	50-200	09/20/23	09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2338074



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

SW01 0-4' E309135-10

		E507155-10					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
·				Analyst:	•		Batch: 2338038
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Anaryst.			Baten: 2558058
Benzene	ND	0.0250	1	1	09/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	1	09/19/23	09/19/23	
Toluene	ND	0.0250	1	1	09/19/23	09/19/23	
o-Xylene	ND	0.0250	1	1	09/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	1	09/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/19/23	09/19/23	
Surrogate: Toluene-d8		103 %	70-130		09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130		09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/19/23	09/19/23	
Surrogate: Toluene-d8		103 %	70-130		09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/20/23	09/21/23	
Surrogate: n-Nonane		88.2 %	50-200		09/20/23	09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2338074
Chloride	39.3	20.0	1	1	09/21/23	09/22/23	



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

SW02 0-4'

		E309135-11					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2338038
Benzene	ND	0.0250	1	1	09/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	1	09/19/23	09/19/23	
Toluene	ND	0.0250	1	1	09/19/23	09/19/23	
o-Xylene	ND	0.0250	1	1	09/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	1	09/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130		09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130		09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		108 %	70-130		09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		09/19/23	09/19/23	
Surrogate: Toluene-d8		101 %	70-130		09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/20/23	09/21/23	
Surrogate: n-Nonane	·	92.1 %	50-200		09/20/23	09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2338074
Chloride	115	20.0		1	09/21/23	09/22/23	



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

SW03 0-4' E309135-12

		E309135-12				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2338038
Benzene	ND	0.0250	1	09/19/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/19/23	09/19/23	
Toluene	ND	0.0250	1	09/19/23	09/19/23	
o-Xylene	ND	0.0250	1	09/19/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/19/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		109 %	70-130	09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	09/19/23	09/19/23	
Surrogate: Toluene-d8		102 %	70-130	09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/23	09/19/23	
Surrogate: Bromofluorobenzene		109 %	70-130	09/19/23	09/19/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	09/19/23	09/19/23	
Surrogate: Toluene-d8		102 %	70-130	09/19/23	09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
Surrogate: n-Nonane		88.9 %	50-200	09/20/23	09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2338074
Chloride	ND	20.0	1	09/21/23	09/22/23	

Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

SW04 0-4' E309135-13

		E309135-13				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2338038
Benzene	ND	0.0250	1	09/19/23	3 09/19/23	
Ethylbenzene	ND	0.0250	1	09/19/23	3 09/19/23	
Toluene	ND	0.0250	1	09/19/23	3 09/19/23	
o-Xylene	ND	0.0250	1	09/19/23	3 09/19/23	
p,m-Xylene	ND	0.0500	1	09/19/23	3 09/19/23	
Total Xylenes	ND	0.0250	1	09/19/23	3 09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	09/19/23	3 09/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	09/19/23	3 09/19/23	
Surrogate: Toluene-d8		103 %	70-130	09/19/23	3 09/19/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/23	3 09/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	09/19/23	3 09/19/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	09/19/23	3 09/19/23	
Surrogate: Toluene-d8		103 %	70-130	09/19/23	3 09/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	3 09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	3 09/21/23	
Surrogate: n-Nonane		87.6 %	50-200	09/20/23	3 09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2338074
Chloride	210	20.0	1	09/21/23	3 09/22/23	



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

SW05 0-8' E309135-14

		100710011					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2338038
Benzene	ND	0.0250	1	1	09/19/23	09/20/23	
Ethylbenzene	ND	0.0250	1	1	09/19/23	09/20/23	
Toluene	ND	0.0250	1	1	09/19/23	09/20/23	
o-Xylene	ND	0.0250	1	1	09/19/23	09/20/23	
p,m-Xylene	ND	0.0500	1	1	09/19/23	09/20/23	
Total Xylenes	ND	0.0250	1	1	09/19/23	09/20/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/19/23	09/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		09/19/23	09/20/23	
Surrogate: Toluene-d8		102 %	70-130		09/19/23	09/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	09/19/23	09/20/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/19/23	09/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		09/19/23	09/20/23	
Surrogate: Toluene-d8		102 %	70-130		09/19/23	09/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: .	JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/20/23	09/21/23	
Surrogate: n-Nonane		85.8 %	50-200		09/20/23	09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	BA		Batch: 2338074
Chloride	ND	20.0	1	1	09/21/23	09/22/23	



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

SW10 0-6' E309135-15

		E307133-13					
	D 1	Reporting		<i>.</i> ·	D 1		N 4
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2338038
Benzene	ND	0.0250	1	1	09/19/23	09/20/23	
Ethylbenzene	ND	0.0250	1	1	09/19/23	09/20/23	
Toluene	ND	0.0250	1	l	09/19/23	09/20/23	
o-Xylene	ND	0.0250	1	1	09/19/23	09/20/23	
p,m-Xylene	ND	0.0500	1	1	09/19/23	09/20/23	
Total Xylenes	ND	0.0250	1	1	09/19/23	09/20/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/19/23	09/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		09/19/23	09/20/23	
Surrogate: Toluene-d8		101 %	70-130		09/19/23	09/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	09/19/23	09/20/23	
Surrogate: Bromofluorobenzene		106 %	70-130		09/19/23	09/20/23	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		09/19/23	09/20/23	
Surrogate: Toluene-d8		101 %	70-130		09/19/23	09/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1	09/20/23	09/21/23	
Surrogate: n-Nonane		88.7 %	50-200		09/20/23	09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2338074
Chloride	37.5	20.0	1	1	09/21/23	09/22/23	



Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTP1224 Standpipe RdProject Number:23078-0001Reported:Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

SW11 0-6' E309135-16

		1007100 10				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2338038
Benzene	ND	0.0250	1	09/19/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/19/23	09/20/23	
Toluene	ND	0.0250	1	09/19/23	09/20/23	
o-Xylene	ND	0.0250	1	09/19/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/19/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/19/23	09/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	09/19/23	09/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/19/23	09/20/23	
Surrogate: Toluene-d8		104 %	70-130	09/19/23	09/20/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2338038
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/23	09/20/23	
Surrogate: Bromofluorobenzene		109 %	70-130	09/19/23	09/20/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/19/23	09/20/23	
Surrogate: Toluene-d8		104 %	70-130	09/19/23	09/20/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2338063
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
Surrogate: n-Nonane		90.8 %	50-200	09/20/23	09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2338074
Chloride	118	20.0	1	09/21/23	09/22/23	

QC Summary Data

Three Bear/Delek CTP Kaiser Francis Oil Company Project Name: Reported: Project Number: 1224 Standpipe Rd 23078-0001 Carlsbad NM, 88220 Project Manager: Ashley Giovengo 11/28/2023 9:38:11AM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2338038-BLK1) Prepared: 09/19/23 Analyzed: 09/19/23 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.529 0.500 106 70-130 Surrogate: 1,2-Dichloroethane-d4 0.470 0.500 93.9 70-130 0.500 100 70-130 Surrogate: Toluene-d8 0.502 LCS (2338038-BS1) Prepared: 09/19/23 Analyzed: 09/19/23 2.34 0.0250 2.50 93.6 70-130 Benzene 2.35 2.50 94.0 70-130 Ethylbenzene 0.0250 2.29 0.0250 2.50 91.5 70-130 2.42 70-130 0.0250 2.50 96.6 o-Xylene 4.74 5.00 94.8 70-130 p,m-Xylene 0.0500 7.16 0.0250 7.50 95.4 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.531 0.500 106 70-130 0.500 94.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.475 70-130 Surrogate: Toluene-d8 0.500 0.500 Matrix Spike (2338038-MS1) Source: E309135-02 Prepared: 09/19/23 Analyzed: 09/19/23 2.49 0.0250 2.50 ND 99.5 48-131 45-135 Ethylbenzene 2.59 0.0250 2.50 ND 104 99.9 48-130 Toluene 2.50 0.0250 2.50 ND 2.83 0.0250 2.50 ND 113 43-135 o-Xylene ND 43-135 p,m-Xylene 5.54 0.0500 5.00 111 Total Xylenes 8.36 0.0250 7.50 ND 112 43-135 0.543 0.500 109 70-130 Surrogate: Bromofluorobenzene 0.500 96.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 0.500 70-130 0.508 Surrogate: Toluene-d8 Matrix Spike Dup (2338038-MSD1) Source: E309135-02 Prepared: 09/19/23 Analyzed: 09/19/23 2.45 0.0250 2.50 ND 98.1 48-131 1.40 23 2.50 0.0250 2.50 ND 45-135 3.52 27 Ethylbenzene ND 48-130 3.07 24 2.42 2.50 96.9 Toluene 0.0250 o-Xylene 2.50 0.0250 2.50 ND 99.9 43-135 12.4 27 5.00 ND 43-135 27 4.86 97.1 13.1 p,m-Xylene 0.0500 27 7.35 0.0250 7.50 ND 98.0 43-135 12.9 Total Xylenes



0.500

0.500

0.500

104

97.3

70-130

70-130

70-130

0.518

0.487

0.500

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Kaiser Francis Oil CompanyProject Name:Three Bear/Delek CTPReported:1224 Standpipe RdProject Number:23078-0001Carlsbad NM, 88220Project Manager:Ashley Giovengo11/28/20239:38:11AM

Carlsbad NM, 88220		Project Number: Project Manager:		shley Giovengo					11/28/2023 9:38:11A
	Noi	nhalogenated C	Organics l	by EPA 8015	5D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2338038-BLK1)							Prepared: 09	9/19/23	Analyzed: 09/19/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
LCS (2338038-BS2)							Prepared: 09	9/19/23	Analyzed: 09/19/23
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.8	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			
Matrix Spike (2338038-MS2)				Source: E	309135-0)2	Prepared: 09	9/19/23	Analyzed: 09/19/23
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			
Matrix Spike Dup (2338038-MSD2)				Source: E	309135-0)2	Prepared: 09	9/19/23	Analyzed: 09/19/23
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130	2.87	20	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			

0.500

0.505

101

70-130



QC Summary Data

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	Reported:
1224 Standpipe Rd	Project Number:	23078-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:38:11AM

Carlsbad NM, 88220		Project Manage	r: As	hley Gioveng	go				11/28/2023 9:38:11AN
	Nonha	logenated Or	ganics by	EPA 8015I) - 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
	mg kg	mg kg	mg kg	mg/kg	70	/0	70	/0	rvotes
Blank (2338063-BLK1)							Prepared: 0	9/20/23 A	Analyzed: 09/20/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.3		50.0		92.6	50-200			
LCS (2338063-BS1)							Prepared: 0	9/20/23 A	Analyzed: 09/20/23
Diesel Range Organics (C10-C28)	243	25.0	250		97.0	38-132			
Gurrogate: n-Nonane	45.7		50.0		91.4	50-200			
Matrix Spike (2338063-MS1)				Source:	E309135-	15	Prepared: 0	9/20/23 A	Analyzed: 09/20/23
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.4	38-132			
urrogate: n-Nonane	43.4		50.0		86.7	50-200			
Matrix Spike Dup (2338063-MSD1)				Source:	E309135-	15	Prepared: 0	9/20/23 A	Analyzed: 09/20/23
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	38-132	1.78	20	
Surrogate: n-Nonane	43.6		50.0		87.1	50-200			



QC Summary Data

Kaiser Francis Oil Company 1224 Standpipe Rd		Project Name: Project Number:		hree Bear/Del 3078-0001	ek CTP				Reported:
Carlsbad NM, 88220		Project Manager:	A	shley Gioveng	go				11/28/2023 9:38:11AM
		Anions	by EPA 3	300.0/9056 <i>E</i>	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2338074-BLK1)							Prepared: 0	9/21/23 A	analyzed: 09/22/23
Chloride	ND	20.0							
LCS (2338074-BS1)							Prepared: 0	9/21/23 A	analyzed: 09/22/23
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2338074-MS1)				Source:	E309135-	01	Prepared: 0	9/21/23 A	analyzed: 09/22/23
Chloride	532	20.0	250	324	83.2	80-120			
Matrix Spike Dup (2338074-MSD1)				Source:	E309135-	01	Prepared: 0	9/21/23 A	analyzed: 09/22/23
Chloride	525	20.0	250	324	80.1	80-120	1.48	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

ſ	Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
l	1224 Standpipe Rd	Project Number:	23078-0001	Reported:
l	Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/23 09:38

T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



2	Receive
	d by
	OCD:
	11/3
	0/2023
	2:55:1
	5 PM

Client:	Kaiser-Franc	is Oil Cor	mpany		Bill To				La	ab Us	se On	ly		T			TAT		EPA P	rogram
Project:	Three Bea	ar/Delek	СТР		Attention: Hutton Andrew		Lab	WO:	#		Job 1	Num	ber		D 21	D 3	3D S	Standard	CWA	SDWA
Project I	Manager: As	hley Giov	/engo		Address: 6733 S Yale Ave		E	309	13	>	230	078	3.000)(X		
Address	: 3122 Natio	nal Parks	Hwy		City, State: , Zip: Tulsa, OK,	74136							nd Meth					ACCUMULATION AND A		RCRA
City, Sta	te, Zip: Carls	bad NM,	88220		Phone: (580) 307-7363			þý												
Phone:	575-988-005	5			Email: Huttona@kfoc.net			ORO											State	
Email: a	giovengo@e	nsolum.c	com				1	30/0	=	0		0.0			Σ		~	NM CO	UT AZ	TX
Report o	lue by:							o/p	, 8021	8260	6010	e 30					ĭ	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	втех by	VOC by	Metals 6010	Chloride 300.0			BGDOC		GDOC		Remarks	
13:19	9/15/2023	Soil	1		FS01 - 4'	1									х					
13:22	9/15/2023	Soil	1		FS02 - 4'	2									х					
13:29	9/15/2023	Soil	1		FS03 - 4'	3									х					
13:30	9/15/2023	Soil	1		FS04 - 4'	4									х					
13:33	9/15/2023	Soil	1		FS05 - 4'	5								3	х					
11:56	9/15/2023	Soil	1		FS06 - 4'	6									х					
10:12	9/15/2023	Soil	1		FS07 - 4'	7								l l	х					
11:55	9/15/2023	Soil	1		FS08 - # 5-1	8									х					
13:35	9/15/2023	Soil	1		FS09 - 4'	9									х					
12:32	9/15/2023	Soil	1		WS01 - 2'	10									х					
Addition	al Instructio	ns: Plea	ase CC: cl	ourton@ensol	um.com, agiovengo@ensolum.com,	chamilton@	enso	olum.	com,	Hut										
				y of this sample. I	am aware that tampering with or intentionally mis gal action. <u>Sampled by: Cha</u>			ation,					-					ved on ice the da s than 6°C on sub		pled or
	ed by: (Signatur	2			30 Michelle Court	2 G-18	23	Time	130	0	Rece	eivec	d on ice		Lab		Only			
Mi	ed by: (Signatur	eux		10-23 Time	Received by: (Signature)	9.18	.2	3 Time	7	30	<u>T1</u>			_ I	2	W 17 F		<u>T3</u>		
Relinquish	ed by: (Signatur	mes c	Date 9	18.23 Z	400 Carthe Man	_ 9.19.		Time	:2	0	AVG	Ten	np °C_	4						
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aqu	eous, 0 - Other		Containe	er Ty	pe: g -	glass	, p - p	ooly/p	lasti	c, ag - a	mbe	r glas	s, v -	VOA			
				Carlo	nless other arrangements are made. Hazard	The state of the s								lient	exper	ise.	The rep	oort for the a	nalysis of th	e above
amples is	applicable only	to those sa	amples rece	eived by the labor	ratory with this COC. The liability of the labora	atory is limited to	the	amour	nt paid	for o	n the r	report	t.							



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_2	Received
	by
	OCD:
	11/30
	1/2023
	2:55:15

	Kaiser-Franc	CIS OII CO	mpany		Bill To				Lai	NO PERSON	e On	-				TA			EPA P	rogram
	Three Bea				Attention: Hutton Andrew		Lab	WO#			Job N			1D	2D	3D		dard	CWA	SDWA
	Manager: As				Address: 6733 S Yale Ave		E	309	136	5			1000-2					X		
	: 3122 Natio		THE PERSON OF TH		City, State: , Zip: Tulsa, OK,	, 74136				1	Analy	sis an	d Method	t						RCRA
	te, Zip: Carls		88220		Phone: (580) 307-7363			by												
hone:	575-988-005	5			Email: Huttona@kfoc.net			ORO											State	
	agiovengo@e	ensolum.	com	-				RO/(51	0		0.0		NN		×	N	M CO	UT AZ	TX
eport o	due by:							0/0	8021	8260	6010	e 30				¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	втех Бу	VOC by	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	
12:43	9/15/2023	Soil	1	A .	WS02 - 2'	11								х						
12:32	9/15/2023	Soil	1		WS03 - 2'	12								х						
12:36	9/15/2023	Soil	1		WS04 - 2'	13								х						
12:40	9/15/2023	Soil	1		WS05 - 2'	14								X						
12:37	9/15/2023	Soil	1		WS10 - 2'	15								х						
12:27	9/15/2023	Soil	1		WS11 - 2'	10								х						
															-					
dditior	nal Instructio	ns: Plea	ase CC: cl	urton@ensol	um.com, agiovengo@ensolum.com,	, chamilton@e	enso	lum.c	om, I	Hutt	ona@	@kfo	c.net							
				ry of this sample. I a	am aware that tampering with or intentionally mis			ition,					ring thermal ped in ice at an						they are sam equent days.	npled or
1	ed by: (Signatur		Date OG Date	Time 11 Time Time	Received by: (Signature) Received by: (Signature)	L G-18	23	Time	130		Rece	eived	on ice:		ab U	lse Or	nly			
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fu	der v	Myso	9.	18.23 2	Received by: (Signature) Received by: (Signature)	9-19-2	23	8:	20				ip°C_4	1			of the st			
		allal Ca Cla	d A A	eous, O - Other		Containe		0.00		100				3 TAX 10		110	٨			



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Printed: 9/19/2023 10:09:22AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Kaiser Francis Oil Company	Date Received:	09/19/23	08:20	Work Order ID:	E309135
Phone:	(505) 382-1211	Date Logged In:	09/18/23	15:29	Logged In By:	Alexa Michaels
Email:	agiovengo@ensolum.com	Due Date:	09/25/23	17:00 (4 day TAT)		
GL :	10 11 (000)					
	f Custody (COC)		37			
	the sample ID match the COC? The number of samples per sampling site location mater	ch the COC	Yes			
	samples dropped off by client or carrier?	ch die COC	Yes	C : C :		
	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes Yes	Carrier: Courier		
	all samples received within holding time?	ica anaryses.	Yes			
J. Wele	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		105		Comment	ts/Resolution
Sample '	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	•					
	e field sample labels filled out with the minimum info	rmation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were pro-	eserved?	No			
	sample(s) correctly preserved?	. 1.0	NA			
	o filteration required and/or requested for dissolved m	etals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphas		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
						_

Date

7	AR3193								Chain of Cu	ustod	ły												Page	1 of	ive
	Client:	Kaiser-Fran	cis Oil Co	mpany		Bay I		Bill To	***************************************	10 M		La	b Us	e On	ılv.				TA	ΔT	-	FPA P	rogram	ı	<i>l b</i> _J
		Three Be				Atten	tion: Hutto	n Andrew		Lab	WO#	1000	130	-	Num	ber	10	20			ndard	CWA	SDWA		0
0.0		Manager: As			4	Addre	ess: 6733 S	Yale Ave		E3	309	135				-000		-	-		X	Civit	JUVA		2
100	COLUMN TWO IS NOT THE OWNER.	: 3122 Natio				City,	State: , Zip:	Tulsa, OK, 74	4136							d Meth							RCRA		
		te, Zip: Carl		, 88220		Phone	e: (580) 307-7	7363			λo							T					NO.		E
3 14 5		575-988-005				Email:	Huttona@kl	foc.net			NO.									-		State			30.
S		giovengo@e	ensolum.	com							30/0	П			0		N			N	M CO	UT AZ	TX		20
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	Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		^	Remarks			2:55
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Re		d by: (Signature	n650	Date 9.	18.23 24	OO Reg	yed by Signat	Man	Date Q.19.1	2	Ϊme	20				°c .	4			_ <u>T3</u>	V STORY				
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Sa	mples Is a	pplicable only t	o those sar	nples recen	ved by the laborator	ry with this (COC. The liability	of the laboratory	is limited to th	ne am	ount p	aid for	r on th	he ren	oort.	the clie	ent ext	oense.	ine re	port for	the anal	ysis of the	above		Pag



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Project:	Kaiser-Fran Three Be Manager: As	ar/Delek	CTP			The second second		Bill To Hutton Andre 733 S Yale Ave			Lab	wo#			se Or	Num	ber (-000	1D	2D	TAT BD	r Standard X	EPA P	rogram		by OCD:
City, Sta Phone:	: 3122 National te, Zip: Carlo 575-988-005 Rejovengo@e	sbad NM 55	, 88220			Pho	y, State: , Z one: (580)	ip: Tulsa,	OK, 74	136		TPH GRO/DRO/ORO by 8015			Analy	sis an	d Meth			X	NM CO	State UT AZ	RCRA		Received by OCD: 11/30/2023 2:55:15 PM
Time Sampled	Date Sampled	Matrix	No, of Containers	Sample I	D					Lab Number		TPH GRO/ 8015	BTEX by 80	VOC by 8260	Metals 6010	Chloride 300.0		верос		GDOC	×	Remarks			2:55:1
13:19	9/15/2023	Soil	1				FS01 - 4'			1								х			Chan	red 5	ample		5 PM
13:22	9/15/2023	Soil	1				FS02 - 4'			2								Х			name	Marie and the second	or		
13:29	9/15/2023	Soil	1				FS03 - 4'			3								х			Samo	les 1	0-16		
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11:56	9/15/2023	Soil	1				FS06 - 4'			5								X			9/2	0/23	s an		33
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11:55	9/15/2023	Soil	1				FS08 - # g	i		7								X							Page
13:35	9/15/2023	Soil	1				FS09 - 4'			9						1		X							
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envirotech

Received by OCD: 11/30/2023 2:55:15 PM

date or time of collection is considered fraud and may be grounds for legal action.

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

1130

39/14/23

	Kaiser-Fran			Bill To				Lab U	se O	nly			TA	\T		EPA P	rogram
Project:	Three Be Manager: As			Attention: Hutton Andrew		Lab W	0#			Numb		1D 2D	3D	St	andard	CWA	SDWA
	: 3122 Natio			Address: 6733 S Yale Ave		E3c	18	35			·0001				X		
	te, Zip: Carls	STATE OF THE PARTY.	THE RESIDENCE IN COMPANIES.	City, State: , Zip: Tulsa, OK,	74136				Anal	ysis and	Metho	d					RCRA
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A STATE OF THE PARTY OF THE PAR	giovengo@e		com	Email: Huttona@kfoc.net		/ORC			1							State	
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TPH GRO/DRO/ORO by	8015 BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос	GDOC		×	Remarks	
12:43	9/15/2023	Soil	1	₩502-21- 5W02 0-41	11		w 2		-	0		X	0				
12:32	9/15/2023	Soil	1 '	5w03 + 0-4'	12							х					
12:36	9/15/2023	Soil	1	W504-2" SWOY 0-4"	13							х					
12:40	9/15/2023	Soil	1	W905-2" SW05 0-8'	14							Х					
12:37	9/15/2023	Soil	1	₩510-2'- 5\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	15							Х					
12:27	9/15/2023	Soil	1	W511-2'- SW11 0-6'	10							х			per.	· H.	
															11/2	1/23	AL
	i yr														Soun	ple	dig.
															wit	CONT	Orto
															Per		
ddition	al Instruction	is: Plea	se CC: cb	urton@ensolum.com, agiovengo@ensolum.com, c	hamilton@e	solum	com,	Hutt	ona@	kfoc.r	et	- J		101=			

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.



AVG Temp °C

Received on Ice:

Lab Use Only

envirotech

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Kaiser Francis Oil Company

Project Name: Three Bear/Delek CTP

Work Order: E309142

Job Number: 23078-0001

Received: 9/20/2023

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 11/28/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 11/28/23

Ashley Giovengo 1224 Standpipe Rd Carlsbad, NM 88220

Project Name: Three Bear/Delek CTP

Workorder: E309142

Date Received: 9/20/2023 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/20/2023 8:15:00AM, under the Project Name: Three Bear/Delek CTP.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	Donoutoda
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/23 09:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW06 0-4'	E309142-01A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
SW07 0-6'	E309142-02A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
SW08 - 0-6'	E309142-03A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
SW09 0-4'	E309142-04A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
SW12 0-8'	E309142-05A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS10 - 4'	E309142-06A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS11 - 4'	E309142-07A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS12 - 6'	E309142-08A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS13 - 6'	E309142-09A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS14 - 6'	E309142-10A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS15 - 6'	E309142-11A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS16 - 6'	E309142-12A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS17 - 6'	E309142-13A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS18 - 6'	E309142-14A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS19 - 6'	E309142-15A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.
FS20 - 4'	E309142-16A	Soil	09/18/23	09/20/23	Glass Jar, 2 oz.

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

SW06 0-4' E309142-01

	E307142-01				
Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2338062
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0500	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
	94.0 %	70-130	09/20/23	09/21/23	
mg/kg	mg/kg	Ana	alyst: IY		Batch: 2338062
ND	20.0	1	09/20/23	09/21/23	
	94.6 %	70-130	09/20/23	09/21/23	
mg/kg	mg/kg	Ana	alyst: JL		Batch: 2338072
ND	25.0	1	09/21/23	09/21/23	
ND	50.0	1	09/21/23	09/21/23	
	80.3 %	50-200	09/21/23	09/21/23	
mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2338076
ND	20.0	1	09/21/23	09/22/23	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg MB/kg mg/kg MB/kg mg/kg ND 20.0 94.6 % mg/kg ND 25.0 ND 50.0 80.3 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg And ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg And MD 20.0 1 Mg/kg mg/kg And ND 25.0 1 ND 50.0 1 80.3 % 50-200 mg/kg mg/kg And	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0500 1 09/20/23 ND 0.0250 1 09/20/23 MD 0.0250 1 09/20/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/20/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/21/23 ND 50.0 1 09/21/23 ND 50.0 1 09/21/23 ND 50.0 1 09/21/23 Mg/kg mg/kg Analyst: RAS	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0500 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 mg/kg mg/kg Analyst: IY ND 09/21/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/20/23 09/21/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/20/23 09/21/23 ND 25.0 1 09/21/23 09/21/23 ND 50.0 1 09/21/23 09/21/23 ND 50.0 1 09/21/23 09/21/23



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

SW07 0-6' E309142-02

		E309142-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilution	Frepareu	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/21/23	
Surrogate: n-Nonane		81.2 %	50-200	09/21/23	09/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2338076
Chloride	237	20.0	1	09/21/23	09/22/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

SW08 - 0-6' E309142-03

		E309142-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Allaryzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		79.0 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2338076
Chloride	52.5	20.0	1	09/21/23	09/22/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

SW09 0-4'

E309142-04							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2338062	
Benzene	ND	0.0250	1	09/20/23	09/21/23		
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23		
Toluene	ND	0.0250	1	09/20/23	09/21/23		
o-Xylene	ND	0.0250	1	09/20/23	09/21/23		
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23		
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23		
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	09/20/23	09/21/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2338062	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	09/20/23	09/21/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2338072	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23		
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23		
Surrogate: n-Nonane		83.7 %	50-200	09/21/23	09/22/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2338076	
Chloride	168	20.0	1	09/21/23	09/22/23		



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

SW12 0-8'

		E309142-05					
Reporting							
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	nalyst: IY		Batch: 2338062	
Benzene	ND	0.0250	1	09/20/23	09/21/23		
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23		
Toluene	ND	0.0250	1	09/20/23	09/21/23		
o-Xylene	ND	0.0250	1	09/20/23	09/21/23		
o,m-Xylene	ND	0.0500	1	09/20/23	09/21/23		
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23		
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	09/20/23	09/21/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	nalyst: IY		Batch: 2338062	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	09/20/23	09/21/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	nalyst: JL		Batch: 2338072	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23		
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23		
Surrogate: n-Nonane		82.1 %	50-200	09/21/23	09/22/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	nalyst: RAS		Batch: 2338076	
Chloride	ND	20.0	1	09/21/23	09/22/23		



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS10 - 4' E309142-06

		E307142-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
o,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		77.0 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2338076
Chloride	397	20.0	1	09/21/23	09/22/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS11 - 4' E309142-07

		E309142-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	rrepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		81.4 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2338076
Chloride	2030	20.0	1	09/21/23	09/22/23	·



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS12 - 6' E309142-08

		E307142-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		81.9 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2338076
Chloride	5280	40.0	2	09/21/23	09/22/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS13 - 6' E309142-09

		E307142-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		81.1 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2338076
Chloride	4210	40.0	2	09/21/23	09/22/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS14 - 6' E309142-10

	1507142 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: IY		Batch: 2338062
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0500	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
	93.2 %	70-130	09/20/23	09/21/23	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2338062
ND	20.0	1	09/20/23	09/21/23	
	93.6 %	70-130	09/20/23	09/21/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2338072
ND	25.0	1	09/21/23	09/22/23	
ND	50.0	1	09/21/23	09/22/23	
	82.3 %	50-200	09/21/23	09/22/23	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2338076
3810	40.0	2	09/21/23	09/22/23	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 93.6 % mg/kg MD 25.0 ND 50.0 82.3 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 93.2 % 70-130 mg/kg mg/kg Analy ND 20.0 1 93.6 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 82.3 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0500 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/20/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/21/23 ND 25.0 1 09/21/23 ND 50.0 1 09/21/23 ND 50.0 1 09/21/23 Mg/kg mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0500 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/20/23 09/21/23 mg/kg mg/kg Analyst: IV ND 25.0 1 09/20/23 09/21/23 ND 25.0 1 09/20/23 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS15 - 6' E309142-11

		E309142-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,				1	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anai	lyst: IY		Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		83.7 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2338076
Chloride	2530	40.0	2	09/21/23	09/22/23	·



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS16 - 6' E309142-12

		E309142-12				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				1	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		86.6 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2338076
Chloride	3940	40.0	2	09/21/23	09/22/23	



Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS17 - 6' E309142-13

	E307142-13				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: IY		Batch: 2338062
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0500	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
	93.6 %	70-130	09/20/23	09/21/23	
mg/kg	mg/kg	Analyst: IY			Batch: 2338062
ND	20.0	1	09/20/23	09/21/23	
	93.8 %	70-130	09/20/23	09/21/23	
mg/kg	mg/kg	Anal	lyst: JL		Batch: 2338072
ND	25.0	1	09/21/23	09/22/23	
ND	50.0	1	09/21/23	09/22/23	
	84.1 %	50-200	09/21/23	09/22/23	
mg/kg	mg/kg	Analyst: RAS			Batch: 2338076
2980	100	5	09/21/23	09/22/23	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 mg/kg mg/kg Mg/kg mg/kg ND 20.0 93.8 % mg/kg ND 25.0 ND 50.0 84.1 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 MB/kg mg/kg Ana ND 20.0 1 93.8 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 84.1 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0500 1 09/20/23 ND 0.0250 1 09/20/23 MD 0.0250 1 09/20/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/20/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/21/23 ND 50.0 1 09/21/23 ND 50.0 1 09/21/23 84.1 % 50-200 09/21/23 mg/kg Mg/kg Analyst: RAS	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0500 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/20/23 09/21/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/20/23 09/21/23 ND 25.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23



Sample Data

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS18 - 6' E309142-14

		1507142 14				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY			Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
oluene	ND	0.0250	1	09/20/23	09/21/23	
-Xylene	ND	0.0250	1	09/20/23	09/21/23	
,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
urrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Dil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		80.7 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: RAS		Batch: 2338076
Chloride	2580	40.0	2	09/21/23	09/22/23	



Sample Data

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS19 - 6' E309142-15

	1507142 15				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg mg/kg Analyst: IY		yst: IY		Batch: 2338062
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
ND	0.0500	1	09/20/23	09/21/23	
ND	0.0250	1	09/20/23	09/21/23	
	94.6 %	70-130	09/20/23	09/21/23	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2338062
ND	20.0	1	09/20/23	09/21/23	
	93.9 %	70-130	09/20/23	09/21/23	
mg/kg	mg/kg	Anal	yst: JL		Batch: 2338072
ND	25.0	1	09/21/23	09/22/23	
ND	50.0	1	09/21/23	09/22/23	
	88.5 %	50-200	09/21/23	09/22/23	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2338076
3200	40.0	2	09/21/23	09/22/23	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 94.6 % mg/kg MD 20.0 93.9 % mg/kg ND 25.0 ND 50.0 88.5 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 94.6 % 70-130 mg/kg mg/kg Anal ND 20.0 1 93.9 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 88.5 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0500 1 09/20/23 ND 0.0250 1 09/20/23 ND 0.0250 1 09/20/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/20/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/21/23 ND 25.0 1 09/21/23 ND 50.0 1 09/21/23 ND 50.0 1 09/21/23 Mg/kg mg/kg Analyst: RAS	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0500 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 ND 0.0250 1 09/20/23 09/21/23 mg/kg mg/kg Analyst: IY ND 20.0 1 09/20/23 09/21/23 mg/kg mg/kg Analyst: JL ND 25.0 1 09/20/23 09/21/23 ND 25.0 1 09/21/23 09/22/23 09/22/23 ND 50.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23 ND 50.0 1 09/21/23 09/22/23

Sample Data

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

FS20 - 4' E309142-16

		E309142-10				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	g mg/kg Analyst: IY				Batch: 2338062
Benzene	ND	0.0250	1	09/20/23	09/21/23	
Ethylbenzene	ND	0.0250	1	09/20/23	09/21/23	
Toluene	ND	0.0250	1	09/20/23	09/21/23	
o-Xylene	ND	0.0250	1	09/20/23	09/21/23	
p,m-Xylene	ND	0.0500	1	09/20/23	09/21/23	
Total Xylenes	ND	0.0250	1	09/20/23	09/21/23	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2338062
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/20/23	09/21/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	09/20/23	09/21/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2338072
Diesel Range Organics (C10-C28)	ND	25.0	1	09/21/23	09/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/21/23	09/22/23	
Surrogate: n-Nonane		82.9 %	50-200	09/21/23	09/22/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2338076
Chloride	936	20.0	1	09/21/23	09/22/23	



		QC Si	umma	ii y Dai	a				
Kaiser Francis Oil Company 1224 Standpipe Rd Carlsbad NM, 88220		Project Name: Project Number: Project Manager:	23	hree Bear/De 3078-0001 shley Gioven					Reported: 11/28/2023 9:35:23AM
		Volatile Organics by EPA 8021B							Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2338062-BLK1)							Prepared: 0	9/20/23 A	analyzed: 09/21/23
Benzene	ND	0.0250					1		
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	7.73		8.00		96.7	70-130			
LCS (2338062-BS1)							Prepared: 0	9/20/23 A	analyzed: 09/21/23
Benzene	4.65	0.0250	5.00		93.1	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.2	70-130			
Toluene	4.62	0.0250	5.00		92.5	70-130			
o-Xylene	4.61	0.0250	5.00		92.2	70-130			
p,m-Xylene	9.30	0.0500	10.0		93.0	70-130			
Total Xylenes	13.9	0.0250	15.0		92.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.2	70-130			
Matrix Spike (2338062-MS1)				Source:	E309142-	12	Prepared: 0	9/20/23 A	analyzed: 09/21/23
Benzene	4.41	0.0250	5.00	ND	88.2	54-133			
Ethylbenzene	4.29	0.0250	5.00	ND	85.9	61-133			
Toluene	4.37	0.0250	5.00	ND	87.3	61-130			
o-Xylene	4.37	0.0250	5.00	ND	87.4	63-131			
p,m-Xylene	8.75	0.0500	10.0	ND	87.5	63-131			
Total Xylenes	13.1	0.0250	15.0	ND	87.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			
Matrix Spike Dup (2338062-MSD1)				Source:	E309142-	12	Prepared: 0	9/20/23 A	analyzed: 09/21/23
Benzene	4.56	0.0250	5.00	ND	91.1	54-133	3.27	20	
Ethylbenzene	4.46	0.0250	5.00	ND	89.2	61-133	3.78	20	
Toluene	4.52	0.0250	5.00	ND	90.3	61-130	3.41	20	

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

89.9

90.9

90.6

95.3

63-131

63-131

63-131

70-130

2.78

3.82

3.47

20

20

20



o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

4.49

9.09

13.6

7.62

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	Reported:
1224 Standpipe Rd	Project Number:	23078-0001	
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

Carlsbad NM, 88220		Project Manage	r: As	hley Gioven	go			11/2	28/2023 9:35:23Al
	Nor	nhalogenated	Organics l	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2338062-BLK1)							Prepared: 0	9/20/23 Anal	yzed: 09/21/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			
LCS (2338062-BS2)							Prepared: 0	9/20/23 Anal	yzed: 09/21/23
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			
Matrix Spike (2338062-MS2)				Source:	E309142-	12	Prepared: 0	9/20/23 Anal	yzed: 09/21/23
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			
Matrix Spike Dup (2338062-MSD2)				Source:	E309142-	12	Prepared: 0	9/20/23 Anal	yzed: 09/21/23
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.1	70-130	2.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

Kaiser Francis Oil Company	Project Name:	Three Bear/Delek CTP	Reported:
1224 Standpipe Rd	Project Number:	23078-0001	•
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/2023 9:35:23AM

Carlsbad NM, 88220		Project Manage	r: As	hley Gioveng	go				11/28/2023 9:35:23AN		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: JL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2338072-BLK1)							Prepared: 0	9/21/23 A	Analyzed: 09/21/23		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	42.8		50.0		85.6	50-200					
LCS (2338072-BS1)							Prepared: 0	9/21/23 A	Analyzed: 09/21/23		
Diesel Range Organics (C10-C28)	239	25.0	250		95.6	38-132					
urrogate: n-Nonane	42.9		50.0		85.7	50-200					
Matrix Spike (2338072-MS1)				Source:	E309142-	06	Prepared: 0	9/21/23 A	Analyzed: 09/21/23		
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.3	38-132					
Surrogate: n-Nonane	37.3		50.0		74.7	50-200					
Matrix Spike Dup (2338072-MSD1)				Source:	E309142-	06	Prepared: 0	9/21/23 A	Analyzed: 09/21/23		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	2.43	20			
Surrogate: n-Nonane	41.9		50.0		83.8	50-200					



Kaiser Francis Oil Company 1224 Standpipe Rd		Project Name: Project Number:		Three Bear/Del	ek CTP				Reported:
Carlsbad NM, 88220		Project Manager	: A	Ashley Gioveng	go				11/28/2023 9:35:23AM
		Anions	by EPA	300.0/9056 <i>E</i>	4				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2338076-BLK1)							Prepared: 0	9/21/23 A	analyzed: 09/21/23
Chloride	ND	20.0							
LCS (2338076-BS1)							Prepared: 0	9/21/23 A	analyzed: 09/21/23
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2338076-MS1)				Source:	E309142-	01	Prepared: 0	9/21/23 A	analyzed: 09/22/23
Chloride	272	20.0	250	ND	109	80-120			
Matrix Spike Dup (2338076-MSD1)				Source:	E309142-	01	Prepared: 0	9/21/23 A	analyzed: 09/22/23
Chloride	278	20.0	250	ND	111	80-120	2.18	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:	Three Bear/Delek CTP	
1224 Standpipe Rd	Project Number:	23078-0001	Reported:
Carlsbad NM, 88220	Project Manager:	Ashley Giovengo	11/28/23 09:35

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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



2	Received b.
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	OCD:
	11/3
	8
	/2023
	2:55
	-
	5 PA

Project Manager: Ashley Giovengo Address: 6733 S Yale Ave City, State:, Zip: Tulsa, OK, 74136 Phone: 575-988-0055 Email: agiovengo@ensolum.com Report due by: Address: 6733 S Yale Ave City, State:, Zip: Tulsa, OK, 74136 Phone: (580) 307-7363 Email: Huttona@kfoc.net S NM CO U X Indicate: Ashley Giovengo Address: 6733 S Yale Ave City, State:, Zip: Tulsa, OK, 74136 Phone: (580) 307-7363 Email: Huttona@kfoc.net S NM CO U X Indicate: Ashley Giovengo Address: 6733 S Yale Ave City, State:, Zip: Tulsa, OK, 74136 Phone: (580) 307-7363 Email: Huttona@kfoc.net	
Address: 3122 National Parks Hwy City, State; Zip: Tulsa, OK, 74136 Phone: (580) 307-7363 Phone: (575-988-0055 Email: agiovengo@ensolum.com Report due by:	CWA SDWA
City, State, Zip: Carlsbad NM, 88220 Phone: (580) 307-7363 Email: Agiovengo@ensolum.com Report due by: Time Sampled Date Sampled Date Sampled Sample Date Sampled Da	
Phone: 575-988-0055 Email: agiovengo@ensolum.com Report due by: Email: Huttona@kfoc.net	RCRA
12:35 9/18/2023 Soil 1 WS06 - 2' 10:35 9/18/2023 Soil 1 WS07 - 2' 10:39 9/18/2023 Soil 1 WS08 - 2' 10:45 9/18/2023 Soil 1 WS09 - 2' 10:48 9/18/2023 Soil 1 WS12 - 2' 10:55 9/18/2023 Soil 1 FS10 - 4' 10:55 9/18/2023 Soil 1 FS11 - 4' 7 X	
12:35 9/18/2023 Soil 1 WS06 - 2' 10:35 9/18/2023 Soil 1 WS07 - 2' 10:39 9/18/2023 Soil 1 WS08 - 2' 10:45 9/18/2023 Soil 1 WS09 - 2' 10:48 9/18/2023 Soil 1 WS12 - 2' 10:55 9/18/2023 Soil 1 FS10 - 4' 10:55 9/18/2023 Soil 1 FS11 - 4' 7 X	State
12:35 9/18/2023 Soil 1 WS06 - 2' 10:35 9/18/2023 Soil 1 WS07 - 2' 10:39 9/18/2023 Soil 1 WS08 - 2' 10:45 9/18/2023 Soil 1 WS09 - 2' 10:48 9/18/2023 Soil 1 WS12 - 2' 10:55 9/18/2023 Soil 1 FS10 - 4' 10:55 9/18/2023 Soil 1 FS11 - 4' 7 X	T AZ TX
12:35 9/18/2023 Soil 1 WS06 - 2' 10:35 9/18/2023 Soil 1 WS07 - 2' 10:39 9/18/2023 Soil 1 WS08 - 2' 10:45 9/18/2023 Soil 1 WS09 - 2' 10:48 9/18/2023 Soil 1 WS12 - 2' 10:55 9/18/2023 Soil 1 FS10 - 4' 10:55 9/18/2023 Soil 1 FS11 - 4' 7 X	
10:35 9/18/2023 Soil 1 WS07 - 2' Z X X 10:39 9/18/2023 Soil 1 WS08 - 2' X X 10:45 9/18/2023 Soil 1 WS09 - 2' Y X X 10:48 9/18/2023 Soil 1 WS12 - 2' S X X 10:52 9/18/2023 Soil 1 FS10 - 4'	emarks
10:39 9/18/2023 Soil 1 WS08 - 2' 3 X X 1 10:45 9/18/2023 Soil 1 WS09 - 2' 4 X X 1 10:48 9/18/2023 Soil 1 WS12 - 2' 5 X X 1 10:52 9/18/2023 Soil 1 FS10 - 4'	
10:39 9/18/2023 Soil 1 WS08 - 2' 3 X X X 10:45 9/18/2023 Soil 1 WS09 - 2' 4 X X 10:48 9/18/2023 Soil 1 WS12 - 2' 5 X X 10:52 9/18/2023 Soil 1 FS10 - 4' W X X 10:55 9/18/2023 Soil 1 FS11 - 4' 7 X X	
10:48 9/18/2023 Soil 1 WS12 - 2' 5 X 10:52 9/18/2023 Soil 1 FS10 - 4'	
10:52 9/18/2023 Soil 1 FS10 - 4'	
10:55 9/18/2023 Soil 1 FS11 - 4' 7 X	
SOII 1	
10:58 9/18/2023 Soil 1 FS12 - 6'	
11:01 9/18/2023 Soil 1 FS13 - 6' X	
11:04 9/18/2023 Soil 1 FS14-6' X	
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, Huttona@kfoc.net	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: And	
Relinquished by: (Signature) Date Time Received by: (Signature) Part Date Date	
Michelle Generals 9-19- 1730 Moren Meso 9.19.23/600 11 12 13	_
Anda meso 9.19.23 2400 atla Man 9.20.23 8:15 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 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.	sis of the above



disposed of at the client expense. The report for the analysis of the above the report.

Compared to the client expense. The report for the analysis of the above the report.

Client:	Kaiser-Franc	is Oil Co	mpany			Bill To				La	ab U	se On	ly				TA	AT		EPA P	rogram
	roject: Three Bear/Delek CTP roject Manager: Ashley Giovengo					Attention: Hutton Andrew		Lak	o WO	#		Job I	-	ber	1D	2D	3D		andard	CWA	SDWA
Project I	Manager: As	hley Gio	vengo			Address: 6733 S Yale Ave		E	309	142	2			1000:					X		
Address	: 3122 Natio	nal Parks	Hwy			City, State: , Zip: Tulsa, OK,	74136							nd Metho	d			TU			RCRA
City, Sta	te, Zip: Carls	bad NM	88220			Phone: (580) 307-7363			λg												
Phone:	575-988-005	5				Email: Huttona@kfoc.net			NO.											State	
Email: a	giovengo@e	nsolum.	com					1	0/0	-	_		0.0		Σ×				NM CO	UT AZ	TX
Report o	lue by:				- 1				J/DF	802	3260	010	300				×		×		1.0
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	1 8
11:07	9/18/2023	Soil	1			FS15 - 6'									х						
11:10	9/18/2023	Soil	1			FS16 - 6'	12								х						
11:14	9/18/2023	Soil	1			FS17 - 6'	13								х						
11:17	9/18/2023	Soil	1			FS18 - 6 ¹	14								Х						
11:19	9/18/2023	Soil	1			FS19 - 6'	15								х						
11:22	9/18/2023	Soil	1			FS20 - 4'	16								Х						
Addition	nal Instructio	ns: Ple	ase CC: cl	ourton@enso	lum.c	om, agiovengo@ensolum.com,	chamilton@	enso	olum.	com,	Hut	tona(@kfc	oc.net							
				y of this sample. I		on. Sampled by: Chad		le loc	ation,										on ice the day an 6°C on subs		pled or
1	ed by: (Signatu		Date	/19/23 12 Time	50,	Received by: (Signature) Received by: (Signature)	Date 9-19-	23	Time	200)	Rece	eived	d on ice:		ab U	se On	nly			
Mic	ed by: (Signatu	emils	9- Date		30	Received by: (Signature) Received by: (Signature) Received by: (Signature) Authority	9.10	1.2	3 /	80	0	<u>T1</u>			<u>T2</u>			=	<u>T3</u>		
L	1/	mes	0	19.23 2	140	o Cartle Man	- 9.20	23	8:	15	-			np °C							
	trix: S - Soil, Sd - S						Containe	r Ty	pe: g -	glass	, p - 1			c, ag - am							
						ther arrangements are made. Hazard with this COC. The liability of the labora									ent ex	pense	. The	repor	t for the an	alysis of th	e above
inhies is	applicable only	ro mose 2	ambiez rece	ived by the labo	atory	with this COC. The hability of the labora	atory is illusted to	rus	amour	ir haid	INLO	ii me i	shou								



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envirotection

analysis of the above

Printed: 9/20/2023 10:23:38AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Kaiser Francis Oil Company	Date Received:	09/20/23 08	3:15		Work Order ID:	E309142
Phone:	(505) 382-1211	Date Logged In:	09/19/23 16	5:28		Logged In By:	Alexa Michaels
Email:	agiovengo@ensolum.com	Due Date:	09/26/23 17	7:00 (4 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC) e sample ID match the COC? e number of samples per sampling site location maunples dropped off by client or carrier? e COC complete, i.e., signatures, dates/times, requell samples received within holding time?		Yes Yes Yes Yes Yes	Carrier: <u>C</u>	ourier		
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		103	г		Comment	s/Resolution
	urn Around Time (TAT)		V				
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C 7. Was a s	ooler ample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?						
	were custody/security seals intact?		No				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling	re received w/i 15	NA Yes				
13. If no v	risible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C							
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?	_	NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Sa	<u>rel</u> field sample labels filled out with the minimum info umple ID? ate/Time Collected?	ormation:	Yes Yes				
Co	ollectors name?		Yes				
	<u>reservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
Multipha	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontra	act Laboratory						
	mples required to get sent to a subcontract laborate subcontract laboratory specified by the client and i	•	No NA S	Subcontract Lab	: NA		
	<u>struction</u>		•				
Chent III	<u>struction</u>						

	Project I TAR3193	nformation 310								Chain of Cu	ustoc	ly												Page	Received
•	Client:	Kaiser-Fran	cis Oil Co	mpany					Bill To			125710	la	hlle	se Or	ulv	(1) - (1) (1)				AT		EDA D	rogram	y, d
	Project:	Three Be	ar/Delek	CTP			At	tention: Hutt	Hutton Andrew			WOŧ					ber	10	2D	3D		andard	CWA	SDWA	0
		Manager: A					Ac		S Yale Ave		F	309	714	2	73	OT	7.000	יונב	120	100	1	X	CVVA	SDVVA	8
		: 3122 Natio	Name and Address of the Owner, where the Party of					ty, State: , Zip:	Tulsa, OK, 74	136							nd Met							RCRA	: 1
O III		te, Zip: Carl		, 88220			Ph	one: (580) 307-	-7363			þý							T	T					1/3
		575-988-009			<u> </u>		<u>En</u>	nail: Huttona@	kfoc.net			ORO											State		0/2
- 1		ngiovengo@	ensolum.	com								RO/	21	0	0	0.0		N		_		NM CO	UT AZ	TX	02.
2	Report o	lue by:		_	1					I was a second		30/0	y 80.	826	601	le 30				X		×			3 2.
	Time Sampled	Date Sampled		No. of Containers	Sample II	D				Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks		:55:1
2 12	12:35	9/18/2023	Soil	1			5W	WS 06 - 2'		1								Х				Chan	and s	anda	ed by OCD: 11/30/2023 2:55:15 PM
A.K.	10:35 9/18/2023 Soil 1 Sw WS07-2 2 X Name S For												1												
	10:39 9/18/2023 Soil 1 SWW508-2' 3 X Samolas 1-5																								
10:45 9/18/2023 Soil 1 SW W509-2' 4 X Per C. Burton																									
1	10:48	9/18/2023	Soil	1			5w	WS 12 - 2'		5								X				9/2	1	04	
Ī	10:52	9/18/2023	Soil	1				FS10 - 4'		9								X				712	6123	CIM	
1	10:55	9/18/2023	Soil	1				FS11 - 4'		n								X							
İ	10:58	9/18/2023	Soil	1				FS12 - 6'		8								X							
İ	11:01	9/18/2023	Soil	1				FS13 - 6'		9				1				X							
-	11:04	9/18/2023	Soil	1				FS14 - 6'		10								X							
1	Addition	al Instructio	ns: Plea	se CC: cb	urton@e	nsolu	m.com,	, agiovengo@en	solum.com, cha		nsolu	ım.cc	om, H	utto	ona@	kfo	c.net					-			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Agd Hamilton Sampled by: Agd Hamilton																									
		d by: (Signatur		Date	19123	Time 120	00	Received by: (Sign	Cleure	Date 9-19-2		Time 12	00	F	Recei	ved	on ice	The state of the s	ab Us		ly				
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S	imple Matr	ix: S - Soil, Sd - So	olid, Sg - Slud			er		und !		Container	Type	P - 01	ass n		AVG			her al	200 11	VOA	that ./on	The state of			
N	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																								
S	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 received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.											ount p	paid fo	ront	he re	port.		- Conp	21.50.	Sport	.or are area	yaia of the			

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Project Ir TAR3193	nformation 10						Chain of Cu	stody											Page _	_2_ of
Project: Project N	Kaiser-Franc Three Bea Manager: As 3122 Natio	ar/Delek hley Giov	CTP /engo		Ac	Bill To tention: Hutton Andrew ddress: 6733 S Yale Ave ty, State: , Zip: Tulsa, OK,	7/126	Lab V		V	23	Num	iber		2D	TA 3D	T Standard X	EPA P	SDWA	
City, Stat Phone:	te, Zip: Carls 575-988-005 giovengo@e	bad NM, 5	88220		Ph	nail: Huttona@kfoc.net	74130	A Cac/Oad/Oa5 Hat	An own found to	0021			nd Wetho	NM		X	NM CC	State D UT AZ	TX	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	TPH GR	8015	BIEN BY SUZI	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks		
11:07	9/18/2023	Soil	1			FS15 - 6'	1(X						
11:10	9/18/2023	Soil	1			FS16 - 6'	12					-		X						
	9/18/2023	Soil	1			FS17 - 6'	13							X						
	9/18/2023	Soil	1			14							X							
11:19	9/18/2023	Soil	1			15							X							
11:22	9/18/2023	Soil	1			16							X							
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mis date or time of collection is considered fraud and may be grounds for legal action. Relinquished by: Chank Received by: (Signature)										n, Hu	Sampl	es requi	ring thermal				eived on ice the d ss than 6°C on su		oled or	
Relinquishe	Date 9-19-2 Pate 9-19	23	120 ne / &		Reco	eived	on ice:		ib Use	e Only	/ 									
M		nesso		19.23	2400	Received by: Signature Man	1 - 0	23 8	ne ':15		William Property	1000	p°C_	<u> </u>						
Note: Samp	rix: S - Soil, Sd - So oles are discard	ed 30 days	after result	s are reported	unless other	arrangements are made. Hazardor this COC. The liability of the laborat	Container us samples will be	e return	ed to c	lient o	or dispo	sed of	at the clie	er gla	iss, v - ense.	VOA The re	port for the a	nalysis of the	ahove	

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Page 32 of 33	

Project In TAR31931									Chain of C	usto	dy											Page_	1 of	
Project: Project M	Kaiser-Fran Three Be Janager: As	ar/Delek shley Gio	CTP vengo			S. Commonweal		Bill To on Andrew S Yale Ave		Lab	0 WO#	1	ab Us	l doL	Num	oer • 0 00	1D 2	The second second	TAT D S	Standard X	EPA PI	rogram SDWA		OCD: 1
City, State Phone: 5	3122 Natio e, Zip: Carls 75-988-005 iovengo@e ie by:	sbad NM 55	, 88220			Phor	State: , Zip: ne: (580) 307 li: Huttona@		4136		TPH GRO/DRO/ORO by 8015				sis an	d Meth	NM	7		NM CO	State UT AZ	RCRA TX		by OCD: 11/30/2023 2:55:15 PM
Sampled	Date Sampled 9/18/2023	Matrix	No. of Containers	Sample ID					Lab Number		TPH GRO 8015	BTEX by 802	VOC by 8260	Metals 6	Chloride 300.0		верос	GDOC	20		Remarks			55:15
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Additional	Instruction	ns: Plea	se CC: cb	urton@er	solum.c	om, a	giovengo@er	nsolum.com, ch	amilton@e	ensol	um.co	om, F	lutto	na@	kfoc	.net	171		1					
I, (field sampler), attest to the validity and authenticity of this sample. Fam aware that tampering with or intentionally mislabelling the sample location, 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 on ice: (Y) / N																								
Michille Chirons 9-19-1735 Mover Myso 9-19-23 /600 T1 T2 T3 Allinquished by: (Signature) Date Time Proping Date Time 9-19-23 2400 (Arther Man 9:20:23 8:15 AVG Temp°C 4																								
Administratives S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other											Pa													



envirotech sanalysis of the above

Received by OCD: 11/30/2023 2:55:15 PM

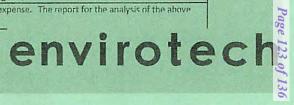
Page _ 2_ of _ 2

Project Information Chain of Custody

TAR3193																			
FOR STATE OF	Kaiser-Fran				Bill To		1000	ı	ab U	se O	nly	(Herboon in the			T	AT		EPA P	rogram
	Three Be				Attention: Hutton Andrew		Lab Wo				Num			2D	3D	St	andard	CWA	SDWA
A STREET STREET, STREET STREET, STREET	Manager: As	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	The same of the same of the same of		Address: 6733 S Yale Ave		E 30	714	2	123	3078	1000					X		
The State of	: 3122 Natio	Section 2 in case of the last	STREET, SQUARE,	City, State: , Zip: Tulsa, OK	, 74136				Anal	ysis ar	d Metho	od						RCRA	
	te, Zip: Carl		88220		Phone: (580) 307-7363		þý						100						
The Residence of the Party of t	575-988-009	THE RESERVE OF THE PARTY OF THE			Email: Huttona@kfoc.net		080			1			1		1	180		State	
The second second	igiovengo@e	ensolum.	com				RO/G	51	0	1	0.0		NN			H	NM CO	UT AZ	TX
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	8015 BTEX by	VOC by 8260	Metals 6010	Chloride		BGDOC		GDOC			Remarks	
11:07	9/18/2023	Soil	1		FS15 - 6 ^t								X						
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11:17	9/18/2023	Soil	1		FS18 - 6'	14							X						
11:19	9/18/2023	Soil	1		FS19 - 6'	15							Х						8.00
11:22	9/18/2023	Soil	1		FS20 - 4'	16							X						
Addition	al Instructio	ns: Plea	se CC: cb	urton@ensolun	n.com, agiovengo@ensolum.com,	chamilton@e	nsolum	.com,	Hutt	iona(@kfoc	net							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Chad lead to a lead											oled or								
			Date									3		-					
150	et by: (Signatur		09/	Time 19/23 12:00	1017-0000	9-19%	23 7	200		Rece	eived	on ice:			se Or	ily			
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Sample Mati	rix: 5 - Soil, Sd - Se			Container						355, V	- VO/	A		THE R	VALUE OF				

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.







APPENDIX G

Email Correspondence



NEW MEXICO STATE LAND OFFICE

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

RIGHT OF ENTRY PERMIT CONTRACT NO. RE – 6757

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

Kaiser-Francis Oil Company 6733 S. Yale Ave. Tulsa, OK 74136

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

1. RIGHT OF ENTRY ("ROE")

The Commissioner grants to Permittee, and its authorized representatives, employees, and contractors, permission to use the state trust lands identified below (the "Premises"), and ingress and egress to the Premises, for the sole purposes of (1) surveying/conducting an environmental investigation due to a produced water release on or adjacent to the site of the **Kaiser-Francis CTP/Three Bear-Delek (Incident # nAPP2324454223)** and (2) conducting surface reclamation activities, including removal of equipment and debris, and any required remediation per 19.15.29.12 NMAC.

The Premises are situated in the following location in **Lea County**, New Mexico::

Section	Township	Range	Subdivision	County	Longitude/Latitude
36	22S	33E	NE4NE4	Lea	32.355305,-103.517979

2. TERM AND TERMINATION

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

3. FEES

- \$ 50.00 Application Fee
- **\$ 500.00 Permit Fee**
- \$ 550.00 Total Fee

4. CONDITIONS OF USE

RE-6757

- A. The issuance of this ROE does not guarantee that any subsequent lease, permit, or any other instrument will be issued to Permittee for the Premises.
- B. No blading or widening of any roads that provide access to the Premises is permitted under this ROE.
- C. No sale of any material extracted from the Premises is allowed under this ROE.
- D. Permittee shall observe all applicable federal, state, and local laws and regulations.
- E. Permittee shall take all reasonable precautions to prevent and suppress forest, brush, and grass fires and prevent pollution of waters on or in the vicinity of the Premises.
- F. Permittee shall not block or disrupt roads or trails commonly in use.
- G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and effect.
- H. Permittee shall be responsible for repair and restitution for damage to any Premises or improvements as a result of activities related to the ROE.
- I. Prior to entering the Premises, Permittee must identify and contact any existing surface lessees. The grant of this ROE does not allow access across private lands.
- J. Permittee may utilize this ROE upon its execution for inspection of the Premises and to conduct any necessary tests or inspections. Permittee may not conduct remediation or reclamation work until it has submitted a written plan for such work, and received State Land Office approval.
- K. Personnel present on Premises: Kaiser Francis personnel and authorized contractors.
- L. Equipment and materials present on Premises: Vehicles, heavy equipment, and associated materials.

5. SITE CONDITIONS

- A. No surface disturbance, other than soil tests, except as described in a reclamation plan submitted to and approved by the State Land Office.
- B. Access to the Premises shall be over existing roads.
- C. The natural environmental conditions that exist contemporaneously with this grant of ROE shall be preserved and protected. Permittee must follow all applicable environmental and cultural resource protection laws and regulations.

6. INDEMNITY

Permittee shall save, hold harmless, indemnify, and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including but not limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of Permittee's operations or presence on the Premises (or operations or presence of his representatives, employees, or contractors).

7. SURVIVAL OF TERMS

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

8. NOTIFICATION

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

RE-6757

WITNESS the hands of PERMITTEE and COM below.	MISSIONER on the day(s) and year entered
	DATE:
PERMITTEE SIGNATURE	
PERMITTEE NAME AND TITLE (PRINT)	
	BY:
SEAL:	Stephanie Garcia Richard Commissioner of Public Lands
	DATE:

From: Knight, Tami C.

To: <u>Ashley Giovengo</u>; <u>Hutton Andrew</u>

Cc: <u>Griffin, Becky R.</u>

Subject: RE: Kaiser-Francis Oil Company - Sampling Variance - Three Bear-Delek CTP - Incident Number

(nAPP2324454223)

Date: Wednesday, September 13, 2023 10:02:03 AM

Attachments: image009.png image010.png

image010.png image011.png image012.png

[**EXTERNAL EMAIL**]

Ashley and Andrew,

Thank you for looping ECO into the remediation project on State Trust Land. ECO will comply with NMOCD's decision on the variance request. However, this is not a release that I am showing was initially ever reported to ECO. We will use this email as the spill notification and start tracking the work. Please be sure to submit any remediation plans or remediation closure reports to ECO at eco@slo.state.nm.us.

If the soil boring is to be drilled on State Trust Land, please list NMSLO-ECO as the land owner contact. You may provide OSE with my name and use the eco@slo.state.nm.us address.

Any future spill notifications should be submitted to spills@slo.state.nm.us for spills on State Trust Land.

Thank you

Tami Knight, CHMM

Environmental Specialist
SRD-Environmental
Compliance Office (ECO)
505.670.1638
New Maxima State Land Of

New Mexico State Land Office 1300 W. Broadway Avenue, Suite A Bloomfield, NM 87413

tknight@slo.state.nm.us

nmstatelands.org

OUT OF OFFICE-NOT AVAILABLE September 18-22, 2023

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CONFIDENTIALITY NOTICE - This e-mail transmission, including all documents, files, or previous e-mail messages attached hereto, may contain confidential and/or legally privileged information. If you are not the intended recipient, or a person responsible for delivering it to the intended recipient, you are hereby notified that you must not read this transmission and that any disclosure, copying, printing, distribution, or use of any of the information contained in and/or attached to this transmission is STRICTLY PROHIBITED. If you have received this transmission in error, please immediately notify the sender and delete the original transmission and its attachments without reading or saving in any manner. Thank you.

From: Ashley Giovengo <agiovengo@ensolum.com>

Sent: Wednesday, September 13, 2023 8:32 AM

To: Enviro, OCD, EMNRD <ocd.enviro@emnrd.nm.gov>; SLO Spills <spills@slo.state.nm.us> Cc: Cole Burton <cburton@ensolum.com>; Chad Hamilton <chamilton@ensolum.com> Subject: [EXTERNAL] Kaiser-Francis Oil Company - Sampling Variance - Three Bear-Delek CTP -

Incident Number (nAPP2324454223)

Hello,

Kaiser-Francis Oil Company (KFOC) is requesting a sampling variance at the Three Bear/Delek CTP site (Incident Number nAPP2324454223). On September 01, 2023, a leaking gasket resulted in the release of approximately 337 barrels (bbls) of produced water; 100 bbls were recovered with a vac truck. The release impacted the pipeline right-of-way (ROW) and ran to additional areas off-pad; the total impacted area measures approximately 11,580 square feet (sq. ft.). A desktop review for potential site receptors and delineation soil sampling to the strictest Closure Criteria have been completed for this release. According to the desktop review, the closest permitted groundwater well with depth to ground water data is New Mexico Office of the State Engineer (NMOSE) well, CP 01973 POD1 with a depth to groundwater measurement greater than 55 ft. below ground surface (bgs). The well is located 1.04 miles northeast of the site and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area).

Laborartory analytical results from delineation soil samples indicated that there are chloride impacts at depths greater than 4-foot bgs. KFOC intends to drill and install a temporary monitoring well to establish depth to water within a ½ mile radius of the site. KFOC will excavate and collect final confirmation samples in accordance with the reclamation requirement (19.15.29.13 NMAC) and with the site Closure Criteria. Due to the size (11,580 sq. ft) of the impacted area, KFOC would like to request a sampling variance of every 400 sq. ft. on confirmation floor samples and every 200 feet on confirmation sidewall samples. KFOC believes this *variance request* will provide equal or better protection of public health, the environment, and groundwater and respectfully requests approval for Incident Numbers (nAPP2324454223).

Thanks,



From: Velez, Nelson, EMNRD

To: Ashley Giovengo

Cc: Huttona@kfoc.net; Cole Burton; Chad Hamilton; spills@slo.state.nm.us; Bratcher, Michael, EMNRD

Subject: Re: [EXTERNAL] Kaiser-Francis Oil Company - Sampling Variance - Three Bear-Delek CTP - Incident Number

(nAPP2324454223)

Date: Wednesday, September 13, 2023 9:03:49 AM

Attachments: <u>image001.png</u>

image002.png image003.png image004.png Outlook-0i1dpglo.png

You don't often get email from nelson.velez@emnrd.nm.gov. <u>Learn why this is important</u>

[**EXTERNAL EMAIL**]

Good morning Ashley,

Your variance request for sampling every 400 sq. ft. on confirmation floor samples and every 200 feet on confirmation sidewall samples is approved.

A drilling permit through NMOSE is required for the planned exploratory boring.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Wednesday, September 13, 2023 8:48 AM

To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Kaiser-Francis Oil Company - Sampling Variance - Three Bear-Delek CTP -

Incident Number (nAPP2324454223)

From: Ashley Giovengo <agiovengo@ensolum.com>

Sent: Wednesday, September 13, 2023 8:32 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Spills@slo.state.nm.us

Cc: Hutton Andrew <Huttona@kfoc.net>; Cole Burton <cburton@ensolum.com>; Chad Hamilton

<chamilton@ensolum.com>

Subject: [EXTERNAL] Kaiser-Francis Oil Company - Sampling Variance - Three Bear-Delek CTP -

Incident Number (nAPP2324454223)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello,

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Thanks,



From: Rodgers, Scott, EMNRD

To: Ashley Giovengo; Enviro, OCD, EMNRD; Spills@slo.state.nm.us

Cc: <u>Hutton Andrew; Cole Burton; Chad Hamilton</u>

Subject: RE: [EXTERNAL] 48-hour Confirmation Sampling Notification Email - Three Bear - Delek CTP - Incident Number

nAPP2324454223

Date: Wednesday, September 13, 2023 1:57:40 PM

Attachments: image006.png image007.png

image007.png image008.png image009.png

Some people who received this message don't often get email from scott.rodgers@emnrd.nm.gov. <u>Learn why this is important</u>

[**EXTERNAL EMAIL**]

Hello Ashley,

Notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you, Scott

Scott Rodgers • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd



From: Ashley Giovengo <agiovengo@ensolum.com>

Sent: Wednesday, September 13, 2023 11:56 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Spills@slo.state.nm.us

Cc: Hutton Andrew <Huttona@kfoc.net>; Cole Burton <cburton@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>

Subject: [EXTERNAL] 48-hour Confirmation Sampling Notification Email - Three Bear - Delek CTP - Incident Number nAPP2324454223

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello,

We intend to collect confirmation samples at Kaiser-Francis Oil Company's Three Bear/Delek CTP site (Incident Number nAPP2324454223) beginning on Friday, September 15, 2023, at 09:00 am MST through Wednesday, September 20, 2023.

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

Thanks,



From: SLO Spills
To: Ashley Giovengo

Subject: RE: 48-hour Confirmation Sampling Notification Email - Three Bear - Delek CTP - Incident Number

nAPP2324454223

Date: Wednesday, September 13, 2023 1:26:21 PM

Attachments: <u>image009.png</u>

image010.png image011.png image012.png

[**EXTERNAL EMAIL**]

Received. ECO will not be on site.

Environmental Compliance Office

Surface Resources Division eco@slo.state.nm.us nmstatelands.org

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From: Ashley Giovengo <agiovengo@ensolum.com> **Sent:** Wednesday, September 13, 2023 11:56 AM

To: Enviro, OCD, EMNRD <ocd.enviro@emnrd.nm.gov>; SLO Spills <spills@slo.state.nm.us>

Cc: Hutton Andrew <Huttona@kfoc.net>; Cole Burton <cburton@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>

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

Thanks,

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

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 290036

CONDITIONS

Operator:	OGRID:
KAISER-FRANCIS OIL CO	12361
PO Box 21468	Action Number:
Tulsa, OK 74121146	290036
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
nvelez	None	3/13/2024