

Incident ID	nAPP2222844442
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Melodie Sanjari Title: Environmental Professional

Signature: Melodie Sanjari Date: 2/17/2020

email: msanjari@marathonoil.com Telephone: 575-988-8753

### OCD Only

Received by: Jocelyn Harimon Date: 10/31/2022

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

Closure Approved by: Robert Hamlet Date: 1/4/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



**CLOSURE REQUEST**

**MARATHON OIL COMPANY**

Created for submission to New Mexico Oil Conservation Division on 10/12/2022

**ASHLEY GIOVENGO**

*Project Environmental Scientist*

**ENERGIZING AMERICA**

October 12, 2022

## Environmental Incident Group

State of New Mexico

Energy, Minerals, and Natural Resources

New Mexico Oil Conservation Division

811 South First Street

Artesia, New Mexico 88210

## RE: CLOSURE REQUEST

<b>COMPANY</b>	Marathon Oil Company
<b>LOCATION</b>	Parkway 19 18 Federal Com #001H
<b>API</b>	30-015-42545
<b>PLSS</b>	Unit M Sec 19 T19S R30E
<b>GPS</b>	32.6391029, -104.0187531
<b>INCIDENT ID</b>	nAPP2222844442

## BACKGROUND

Wescom, Inc., hereafter referred to as Wescom, has prepared this Closure Request on behalf of Marathon Oil Company, hereafter referred to as Marathon, regarding the release at the Parkway 19 18 Federal Com #001H (Site) located in Unit M, Section 19 Township 19 South and Range 30 East in Eddy County, New Mexico. The GPS coordinates are as follows: North 32.019665 and West -104.0187531. Surface owner of the Site is Bureau of Land Management (BLM).

On July 8, 2022, a pinhole on the heater treater water leg resulted in the release of approximately 36.2 barrels (bbls) of produced water to lined secondary containment and 1.1 bbls of overspray onto the caliche pad. A small off-pad area was affected by the overspray event. Marathon immediately isolated the source of the leak and 35.1 bbls of produced water were recovered from the lined secondary containment. The spill area is located on the South and West sides of the heater treater containment. The off-pad area is located on the Northwest side of the heater treater containment as shown in Figure 1.

- On September 01, 2022, Wescom personnel arrived onsite to begin delineation of the impacted areas. Wescom personnel returned onsite on September 22, 2022, to conduct a liner inspection, excavate the impacted areas and to collect confirmation samples. All confirmation samples were below applicable Recommended Remediation Action Levels (RRALs) for the Site.



## SURFACE & GROUND WATER

The New Mexico Office of the State Engineer (OSE) records indicates the nearest depth to groundwater measurement is greater than 90 feet below ground surface (bgs) and is 0.81 miles South of the Site. No playas or lakes are located within a one-mile radius of this Site (Attachment C).

## KARST POTENTIAL

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

## TARGET REMEDIAL LEVELS

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

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Parkway 19 18 Federal Com #001H — 32.6391029, -104.0187531						
Depth to Groundwater		Closure Criteria (units in mg/kg)				
		Chloride * numerical limit or background, whichever is greater	TPH	GRO+DRO	BTEX	Benzene
Based on high karst potential	High	600	100		50	10
No water data within 0.5 mile radius	0.81 Mi	600	100		50	10
less than 50 ft bgs		600	100		50	10
51 ft to 100 ft bgs		10000	2500	1000	50	10
greater than 100 ft bgs		20000	2500	1000	50	10
Surface Water		If yes, then				
< 300 feet from continuously flowing watercourse or other significant watercourse?	No					
< 200 feet from lakebed, sinkhole or playa lake	No					
Water Well or Water Source						
< 500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
< 1000 feet from fresh water well or spring?	No					
Human and Other Areas						
< 300 feet from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
< 100 feet from wetland?	No					
Within area overlying a subsurface mine?	No					
Within an unstable area?	No					
Within a 100-year floodplan?	No					

Table: Closure Criteria Statistics



## SITE ASSESSMENT AND DELINEATION

On September 01, 2022, Marathon contracted Wescom to complete horizontal and vertical delineation of the impacted areas. A total of nine samples were jarred and sent to Hall Environmental, for laboratory analysis and all samples were below the applicable RRALs for the Site. A background sample, BG01, was collected 50 feet to the West of the caliche pad, as shown in Figure 1. Delineation sample locations are presented in Figure 1; laboratory analysis results are presented in Table 1 and laboratory analytical reports are included in Attachment E.

Wescom personnel conducted a liner inspection on September 22, 2022, and seven potential release points were identified along the containment walls. During this inspection, there were 7 areas within the containment where the liner had pulled away from the top of the containment wall but did not impact the containment's ability to contain the release in question. Photo documentation of potential liner compromises and completed repairs are shown in Attachment B.

## REMEDATION ACTIVITIES

Beginning on September 22, 2022, Wescom personnel arrived onsite to oversee the removal of impacted soil and to conduct confirmation sampling. A backhoe was used to remove contaminated soil from the spill area to a depth of three feet bgs. Impacted material from the spill area was hauled to an approved disposal facility.

Wescom personnel collected 12 composite confirmation samples over the three-day sampling and excavation period. All the confirmation samples were below the applicable RRALs for the Site, as shown in Table 2. All soil samples were properly packaged, preserved, and transported to Hall Environmental by chain of custody, and analyzed for Total Petroleum Hydrocarbons, or TPH, —Method 8015D, BTEX—Method 8021B, and Chlorides—Method 300.0. Confirmation sample locations are presented in Figure 2 and laboratory analytical reports are included in Attachment E.

The required 48-hour confirmation sampling and liner inspection notifications were sent on September 19, 2022, and September 22, 2022, to [OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us) and are included in Attachments F and G.

## REQUEST FOR CLOSURE

On behalf of Marathon, Wescom hereby requests closure for the release associated with incident number nAPP2222844442 based on the logic below.

- The spill area has been horizontally and vertically delineated.
- All confirmation areas and samples are below applicable RRALs for the Site.
- The liner/containment had the ability to contain the release in question and there was no evidence of it not doing so.
- Impacted material was removed and properly disposed of at an approved facility.



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

Sincerely,

Wescom, Inc.

**Ashley Giovengo**

Project Environmental Scientist

cc: Melodie Sanjari, Marathon Oil Company

Environmental Incident Group, NMOCD

# REFERENCE MATERIALS

## FIGURES

**FIGURE 1.** Delineation Sampling

**FIGURE 2.** Confirmation Sampling

## TABLES

**TABLE 1.** Laboratory Analysis Results: Delineation Samples

**TABLE 2.** Laboratory Analysis Results: Confirmation Samples

## ATTACHMENTS

**ATTACHMENT A.** C-141

**ATTACHMENT B.** Site Photos

**ATTACHMENT C.** Closure Criteria Supporting Documents

**ATTACHMENT D.** Karst Map

**ATTACHMENT E.** Hall Environmental Laboratory Analysis Reports

**ATTACHMENT F.** 48-hour Confirmation Notification Emails

**ATTACHMENT G.** 48-hour Liner Inspection Notification Emails



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**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442

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# FIGURES

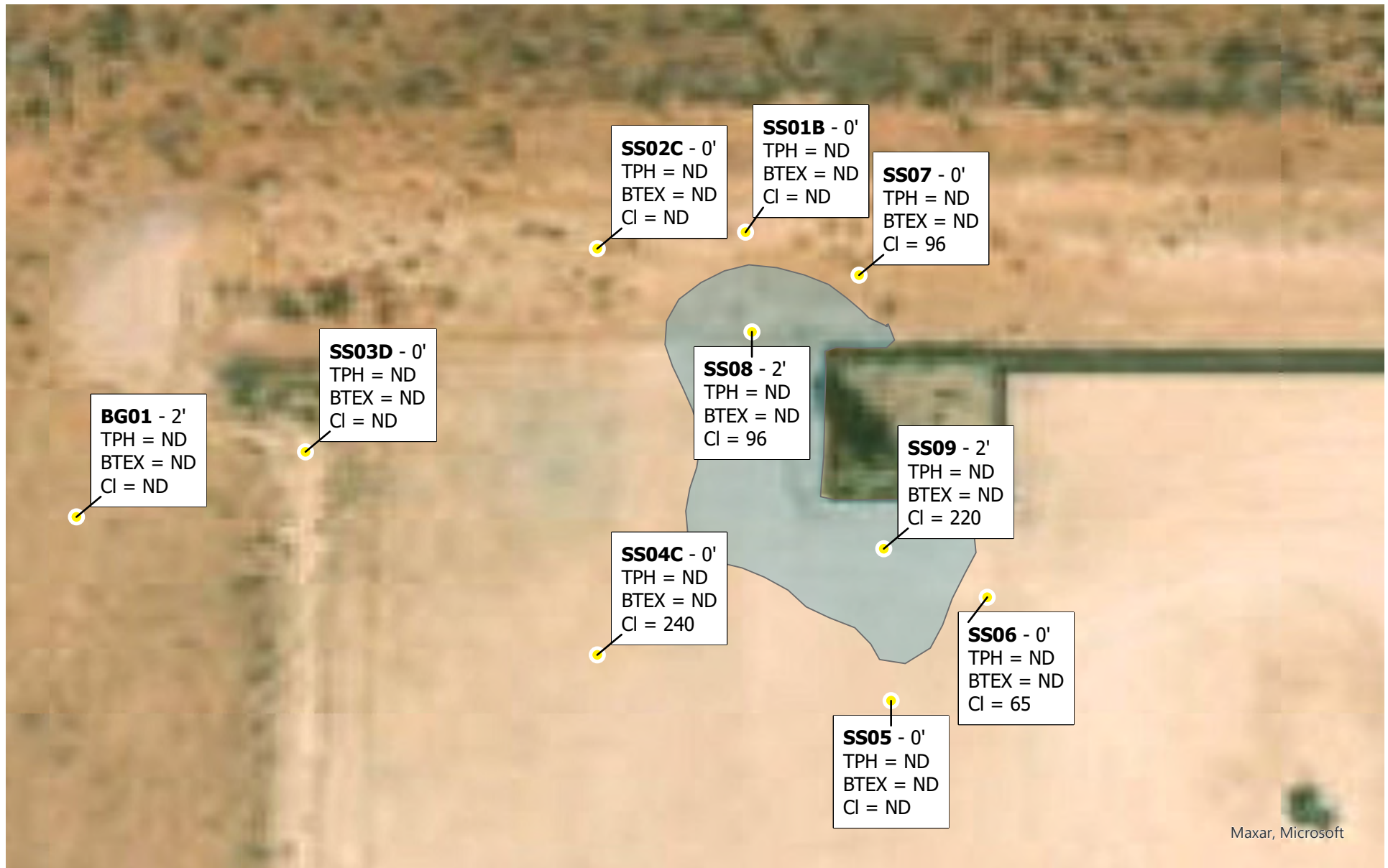


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**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442



**FIGURE 1. DELINEATION SAMPLING****LEGEND**

- Delineation Sample Points
- Spill Area



Parkway 19 18 Federal Com #001H

Incident ID: nAPP2222844442

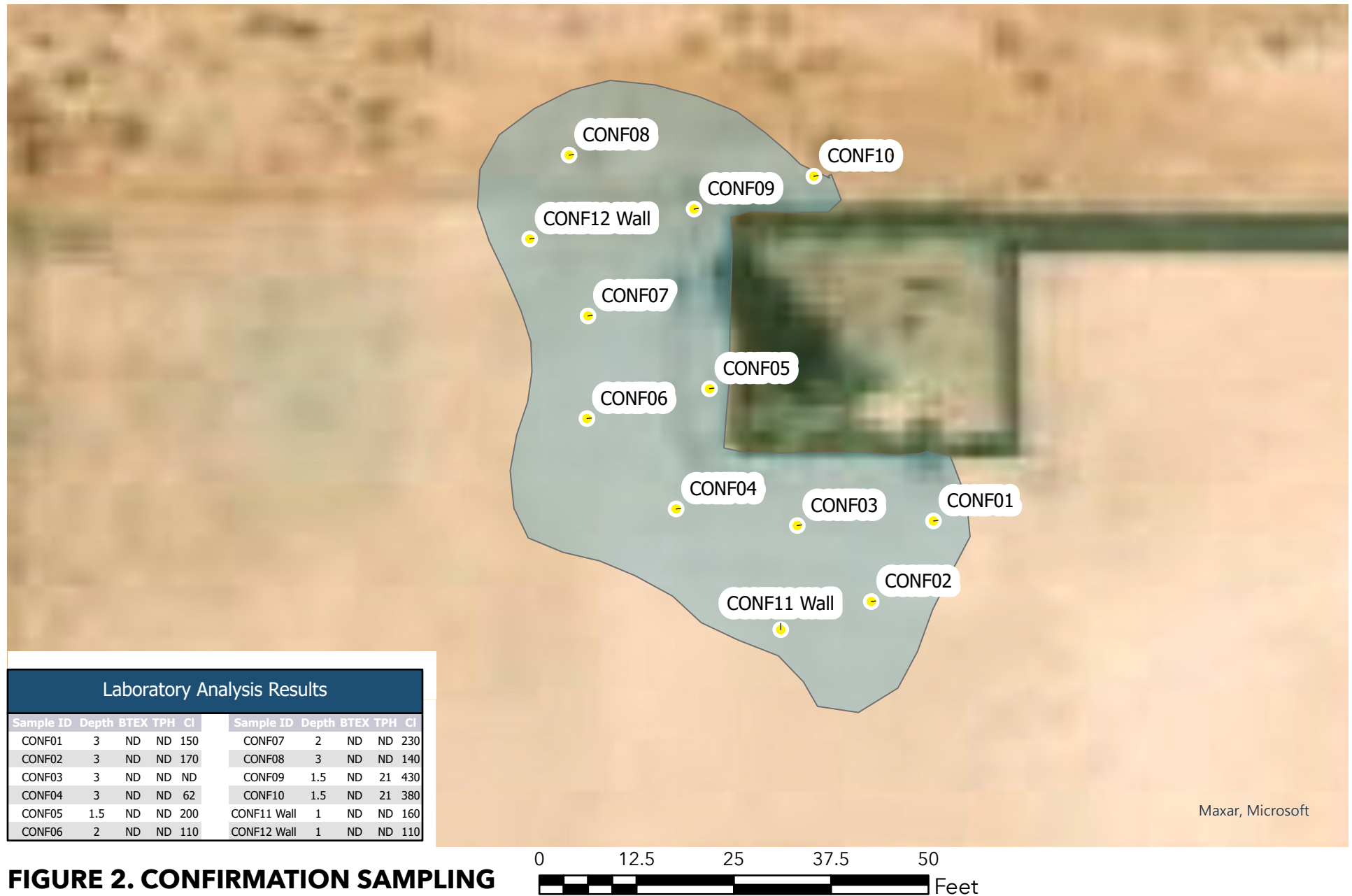
API: 30-015-42545

GPS Coordinates: 32.6391029, -104.0187531

Eddy County, New Mexico

Marathon Oil Company



**FIGURE 2. CONFIRMATION SAMPLING**

Parkway 19 18 Federal Com #001H

Incident ID: nAPP2222844442

API: 30-015-42545

GPS Coordinates: 32.6391029, -104.0187531

Eddy County, New Mexico

Marathon Oil Company

Released to Imaging: 1/4/2023 10:56:18 AM

**LEGEND**

- Confirmation Sample Locations
- Spill Area



# TABLE



**Energizing America**

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**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442

Parkway 19 18 Federal Com #001H   nAPP2222844442						
Marathon Oil Company   10.06.2022						
Table 1. Laboratory Analysis Results: Delineation Samples						
Sample Description			Petroleum Hydrocarbons			Inorganic
Sample ID	Depth (ft.)	Date	Volatile		Extractable	Chloride (mk/kg)
			Benzene (mk/kg)	Total BTEX (mk/kg)	TPH (mk/kg)	
Closure Criteria			10	50	100	600
BG01	0	9/2/2022	ND	ND	ND	ND
BG01	1	9/2/2022	ND	ND	ND	ND
SS01B	0	9/2/2022	ND	ND	ND	ND
SS02C	0	9/2/2022	ND	ND	ND	ND
SS03D	0	9/2/2022	ND	ND	ND	ND
SS04C	0	9/2/2022	ND	ND	ND	240
SS05	0	9/2/2022	ND	ND	ND	ND
SS06	0	9/2/2022	ND	ND	ND	ND
SS07	0	9/2/2022	ND	ND	ND	96
SS08	2	9/2/2022	ND	ND	ND	96
SS09	2	9/2/2022	ND	ND	ND	220
ABBREVIATIONS						
BTEX — Benzene, Toluene, Ethylene, Xylene			GRO — Gasoline Range Organics			
DRO — Diesel Range Organics			ND — Non-detect			
ft. — Feet			mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons						
Notes						
Bold Red - Results are above closure criteria						
Gray Highlight - Background Samples						



Parkway 19 18 Federal Com #001H   nAPP2222844442						
Marathon Oil Company   10.06.2022						
Table 2. Laboratory Analysis Results: Confirmation Samples						
Sample Description			Petroleum Hydrocarbons			Inorganic
Sample ID	Depth (ft.)	Date	Volatile		Extractable	Chloride (mk/kg)
			Benzene (mk/kg)	Total BTEX (mk/kg)	TPH (mk/kg)	
Closure Criteria			10	50	100	600
CONF01	3	9/23/2022	ND	ND	ND	150
CONF02	3	9/23/2022	ND	ND	ND	170
CONF03	3	9/23/2022	ND	ND	ND	ND
CONF04	3	9/23/2022	ND	ND	ND	62
CONF05	1.5	9/23/2022	ND	ND	ND	200
CONF06	2	9/26/2022	ND	ND	ND	110
CONF07	2	9/26/2022	ND	ND	ND	230
CONF08	3	9/26/2022	ND	ND	ND	140
CONF09	1.5	9/26/2022	ND	ND	21	430
CONF10	1.5	9/26/2022	ND	ND	21	380
CONF11 Wall	1	9/26/2022	ND	ND	ND	160
CONF12 Wall	1	9/26/2022	ND	ND	979	110
ABBREVIATIONS						
BTEX — Benzene, Toluene, Ethylene, Xylene			GRO — Gasoline Range Organics			
DRO — Diesel Range Organics			ND — Non-detect			
ft. — Feet			mg/kg — Milligrams per Kilogram			
TPH — Total Petroleum Hydrocarbons						
Notes						
Bold Red - Results are above closure criteria						
Gray Highlight - Background Samples						



# ATTACHMENT A

C-141



**Energizing America**

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**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442

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

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

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

Incident ID	'nAPP2222844442
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party Marathon Oil Permian LLC	OGRID 372098
Contact Name Melodie Sanjari	Contact Telephone 575-988-8753
Contact email <a href="mailto:msanjari@marathonoil.com">msanjari@marathonoil.com</a>	Incident # (assigned by OCD)
Contact mailing address 4111 S. Tidwell Rd., Carlsbad, NM 8220	

### Location of Release Source

Latitude 32.6391029 Longitude -104.0187531  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name PARKWAY 19 18 FEDERAL COM #001H	Site Type Oil & Gas Facility
Date Release Discovered: 8/16/2022	API# (if applicable) 30-015-42545

Unit Letter	Section	Township	Range	County
M	19	19S	30E	Eddy

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

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 36.2	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release

A pinhole on the water leg off the heater treater resulted in the release of approx. 36.2 bbl. of produced water; 1.1 bbl. of which over sprayed onto the engineered pad. The facility was shut in for repairs and a truck was dispatched for recovery of all of the standing fluid within the containment.

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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Volume
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, NOR submitted 8/16/2022	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Melodie Sanjari</u>	Title: <u>Environmental Professional</u>
Signature: <u>Melodie Sanjari</u>	Date: 8/17/2022
email: <u>msanjari@marathonoil.com</u>	Telephone: <u>575-988-8753</u>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____



Incident ID	nAPP2222844442
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Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>90</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

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

Printed Name: Melodie Sanjari Title: Environmental Professional

Signature: Melodie Sanjari Date:

email: msanjari@marathonoil.com Telephone: 575-988-8753

**OCD Only**

Received by: Jocelyn Harimon Date: 10/31/2022

Incident ID	nAPP2222844442
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Melodie Sanjari Title: Environmental Professional

Signature: Melodie Sanjari Date: 2/17/2020

email: msanjari@marathonoil.com Telephone: 575-988-8753

### OCD Only

Received by: Jocelyn Harimon Date: 10/31/2022

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

# ATTACHMENT B

## Site Photos



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**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442



Southeast Side of Spill Area



Northwest Side of Spill Area



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Spill Area



Spill Area



Spill Area



Spill Area



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*Liner Inspection**Liner Inspection***Energizing America****wescominc.com** | info@wescominc.com | 218-724-1322**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442

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Liner Inspection



Liner Inspection



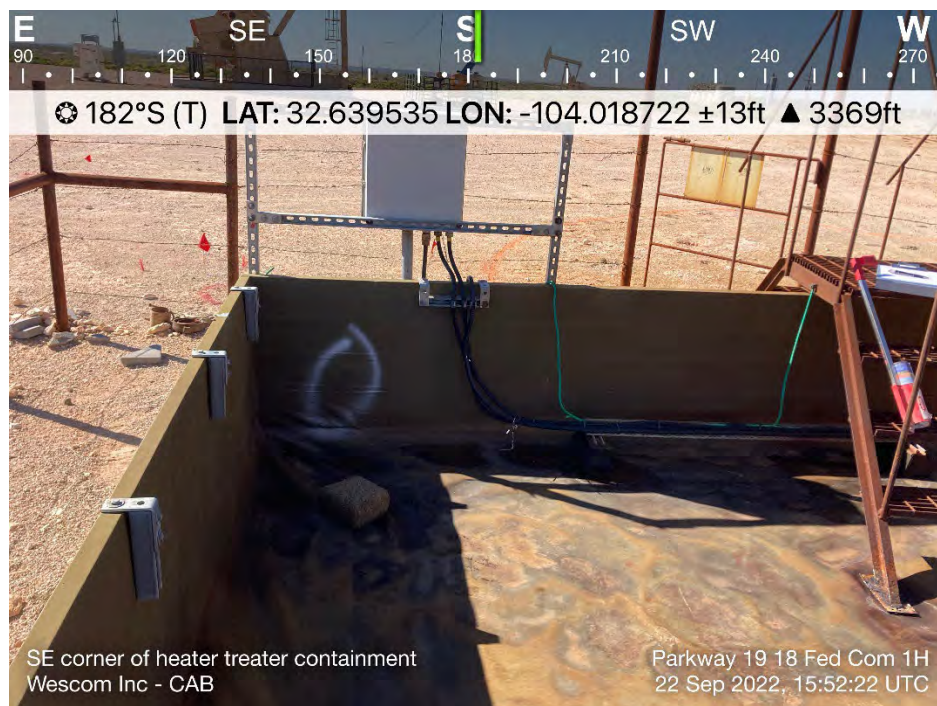
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Liner Inspection



Liner Inspection



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Parkway 19 18 Federal Com #001H | Incident ID: nAPP2222844442

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Excavation Area - Off Pad



Excavation Area - South of Heater Treater



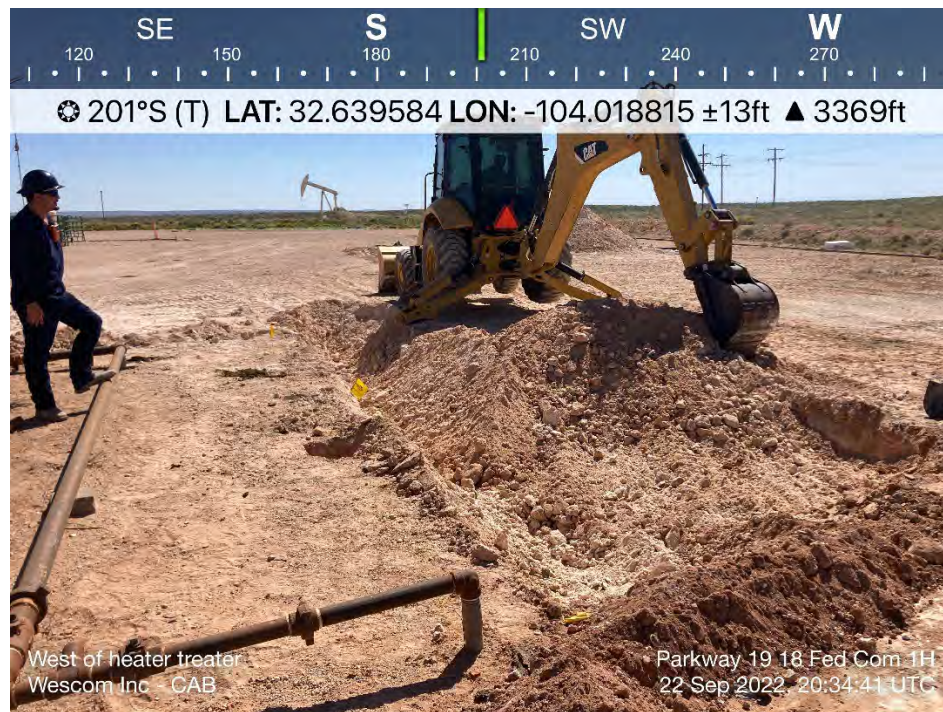
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Parkway 19 18 Federal Com #001H | Incident ID: nAPP2222844442

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Excavation Area – West of Heater Treater



Removal of Production Pipe



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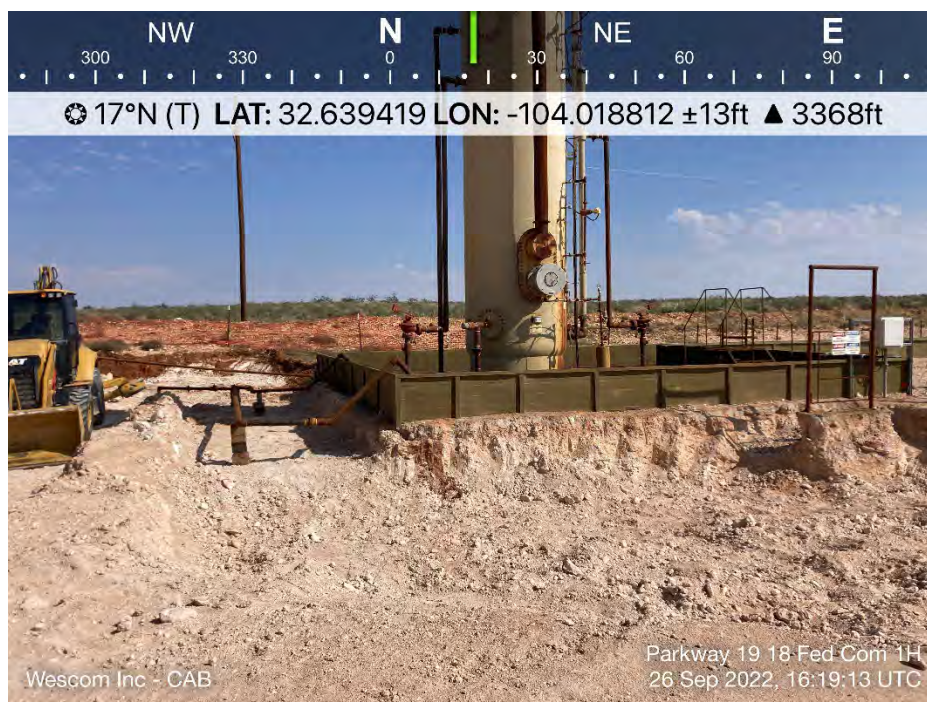
Parkway 19 18 Federal Com #001H | Incident ID: nAPP2222844442

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Excavation Area – South of Heater Treater



Excavation Area



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Excavation Area - CONF09 Rescrape



Removal of Contaminated Soil



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Containment Wall Repaired



Containment Wall Repaired



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Containment Wall Repaired



Containment Wall Repaired



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*Containment Wall Repaired*



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# ATTACHMENT C

## Closure Criteria Supporting Documents



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**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442



# New Mexico Office of the State Engineer

## Wells with Well Log Information

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(in feet)

POD Number	Code	POD Subbasin	County	Source	q 64	q 16	q 4	Sec	Tws	Rng	X	Y	Distance	Start Date	Finish Date	Log File Date	Depth Well	Depth Water	Driller	License Number
<a href="#">CP.00522</a>		CP	ED	Shallow	3	30	19S	30E			592347	3610451*	1290	08/28/1973	09/01/1973	09/08/1975	120	90	VAN NOY, W.L.	208
<a href="#">CP.00703.POD1</a>		CP	ED	Shallow	4	1	36	19S	29E		591050	3609382	2523	12/02/1986	12/02/1986	12/10/1986	225	115	GLENN, CLARK A."CORKY" (LD)	421
<a href="#">CP.00742</a>		CP	ED	Shallow	3	3	31	19S	30E		592208	3608940	2769	08/04/1989	08/04/1989	08/10/1989	223	115	GLENN, CLARK A."CORKY" (LD)	421
<a href="#">CP.00739.POD1</a>		CP	ED	Shallow	3	4	4	35	19S	29E	590068	3608622	3657	12/09/1988	12/10/1988	12/20/1988	200	110	COLLIS, ROBERT E. (LD)	1184
<a href="#">CP.00741</a>		CP	ED	Shallow	1	3	2	34	19S	29E	588030	3609533*	4557	04/17/1989	04/20/1989	04/24/1989	230	60	DUBOSE, BILL M. JR.	1107

**Record Count:** 5

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 592037.26

**Northing (Y):** 3611704.12

**Radius:** 5000

\*UTM location was derived from PLSS - see Help

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

9/29/22 11:32 AM

WELLS WITH WELL LOG INFORMATION



# New Mexico Office of the State Engineer

## Point of Diversion Summary

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

Well Tag	POD Number	Q64 Q16 Q4	Sec	Tws	Rng	X	Y
CP	00522	3	30	19S	30E	592347	3610451*

<b>Driller License:</b>	208	<b>Driller Company:</b>	VAN NOY, W.L.	
<b>Driller Name:</b>	VAN NOY, W.L.			
<b>Drill Start Date:</b>	08/28/1973	<b>Drill Finish Date:</b>	09/01/1973	<b>Plug Date:</b>
<b>Log File Date:</b>	09/08/1975	<b>PCW Rcv Date:</b>		<b>Source:</b> Shallow
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>
<b>Casing Size:</b>	6.63	<b>Depth Well:</b>	120 feet	<b>Depth Water:</b> 90 feet

Water Bearing Stratifications:	Top	Bottom	Description
	90	120	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	90	115

\*UTM location was derived from PLSS - see Help

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

9/29/22 11:38 AM

Page 1 of 1




POD SUMMARY - CP 00522



# Parkway 19 18 Federal Com #001H

Distance to Nearest Depth to Water = 0.81 Miles

## Legend

-  Distance = 0.81 Miles
-  DTW = 90 Ft - CP 00522
-  Parkway 19 18 Federal Com #001H

Parkway 19 18 Federal Com #001H

DTW = 90 Ft - CP 00522

Google Earth

Released to Imaging: 1/4/2023 10:56:18 AM

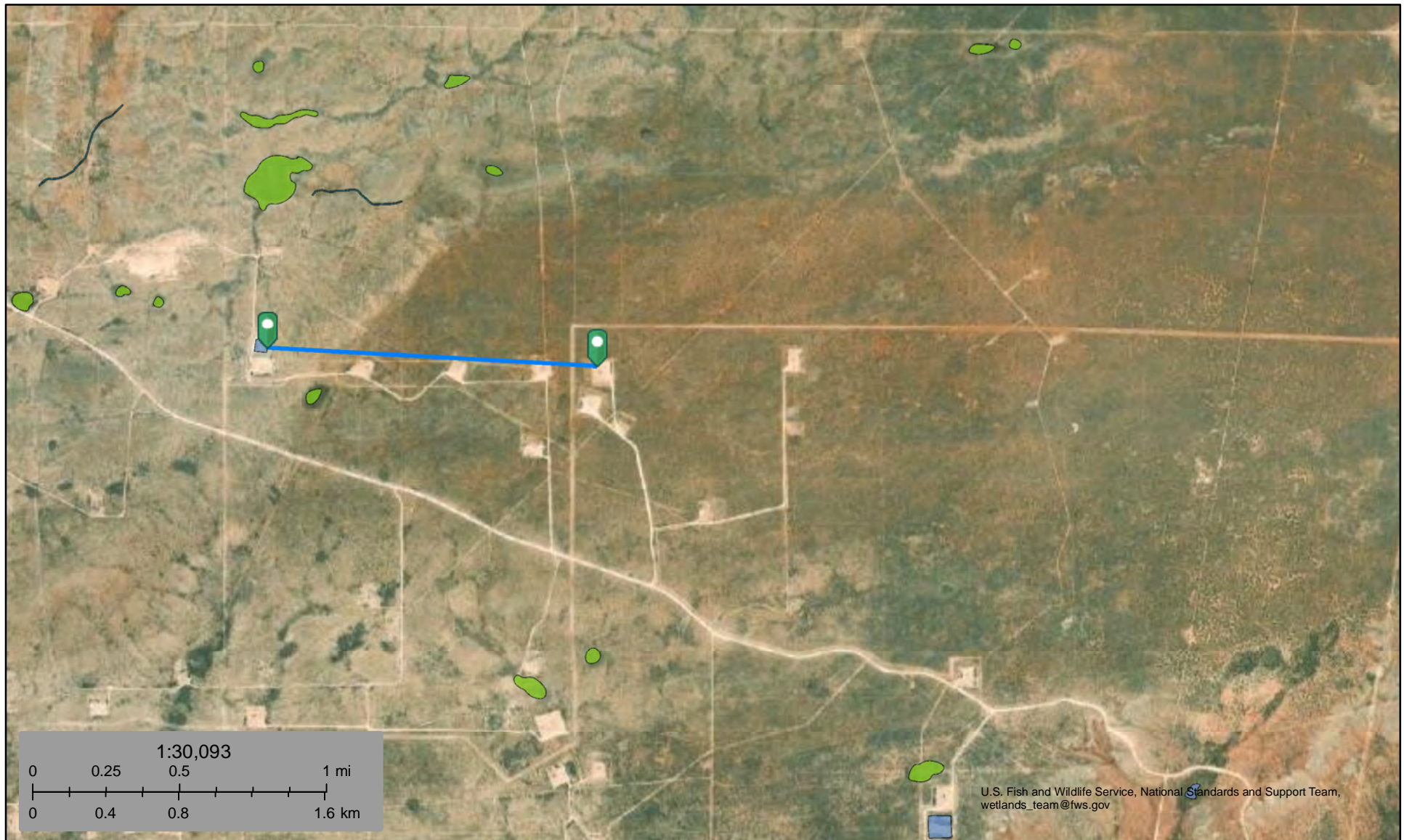
3000 ft







# Parkway 19 18 Federal Com #001H - Freshwater Pond 5,002 Ft



September 29, 2022

## Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

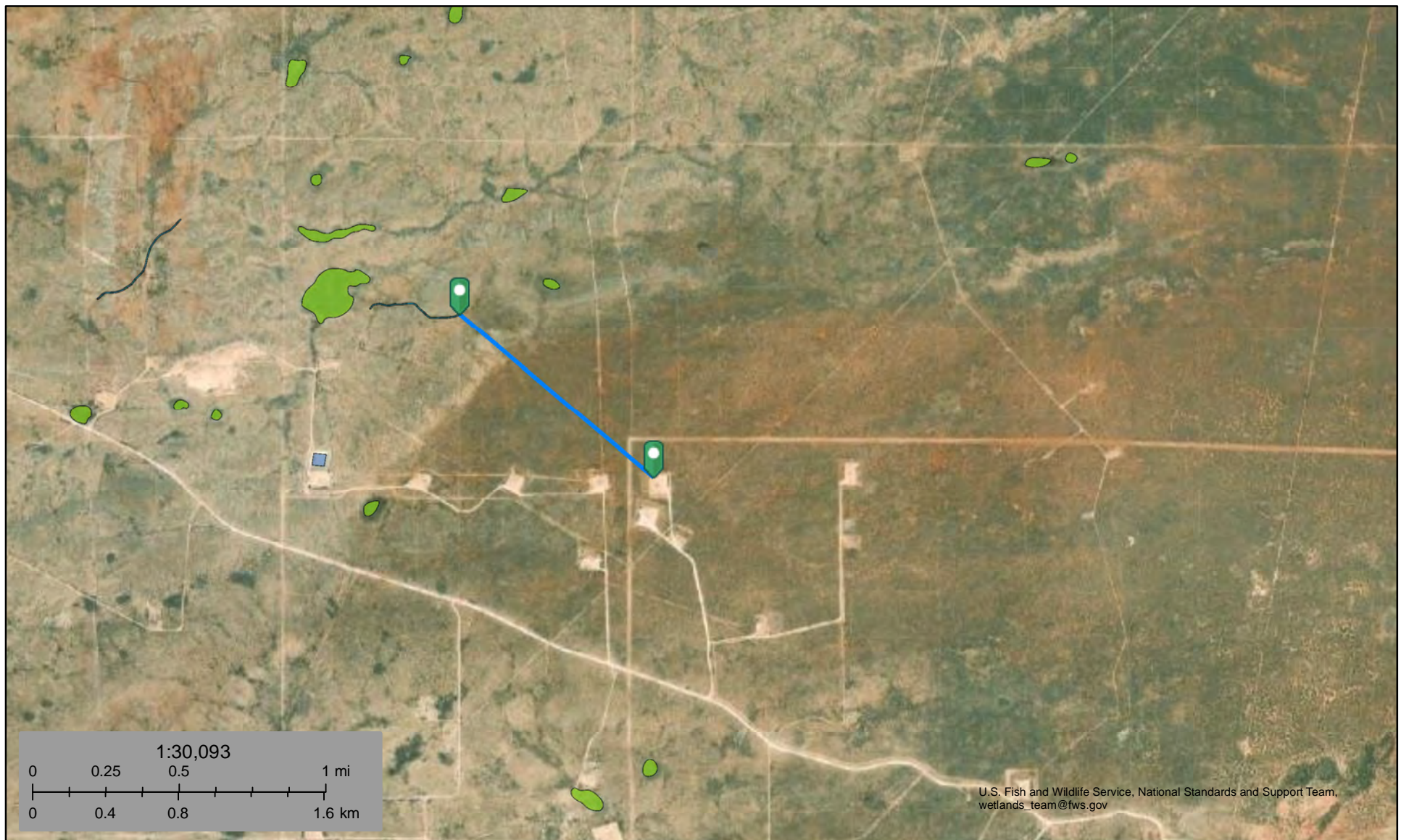
- Lake
- Other
- Riverine

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





Parkway 19 18 Federal Com #001H  
- Riverine 3,837 Ft



September 29, 2022

#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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





Parkway 19 18 Federal Com #001H  
- Wetland 4,208 Ft



September 29, 2022

#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine




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



# Parkway 19 18 Federal Com #001H

Distance to Nearest Residence = 5.16 Miles

## Legend

-  Distance = 5.16 Miles
-  Nearest Residence
-  Parkway 19 18 Federal Com #001H

Parkway 19 18 Federal Com #001H

Carlsbad 100 Gas It Off

238

360

222

360

Nearest Residence

238

Google Earth

Released to Imaging: 1/4/2023 10:56:18 AM

2 mi





# National Flood Hazard Layer FIRMMette



104°1'26"W 32°38'36"N



### Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
		NO SCREEN Area of Minimal Flood Hazard Zone X
OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

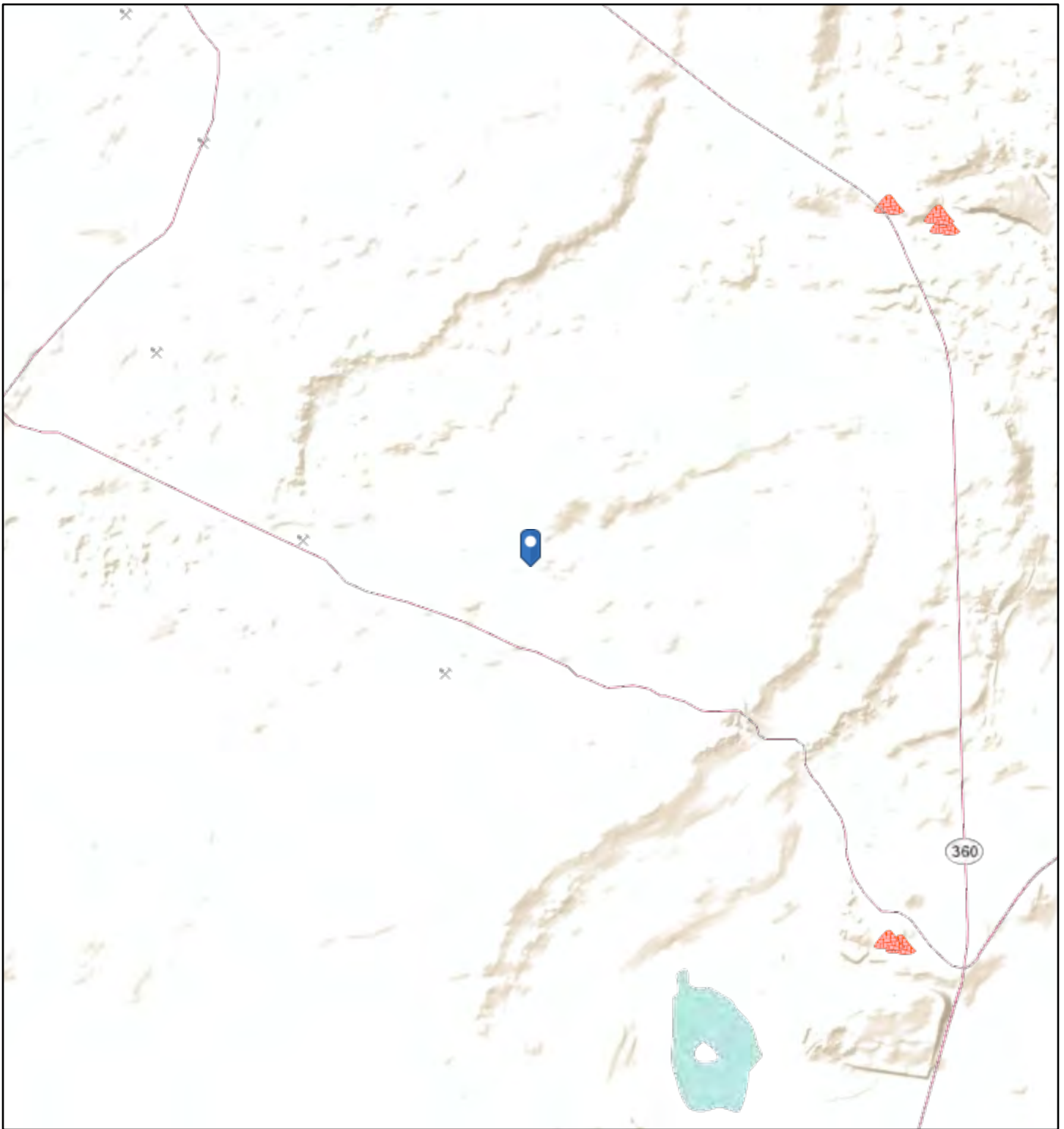
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/29/2022 at 1:42 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.



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

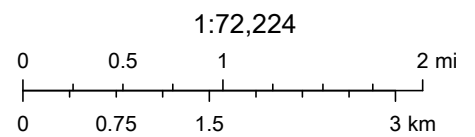
# Active Mines Near Parkway 19 18 Federal Com #001H



9/29/2022, 1:57:51 PM

## Registered Mines

-  Aggregate, Stone etc.
-  Potash



Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS



# ATTACHMENT D

## Karst Map



**Energizing America**

**wescominc.com** | [info@wescominc.com](mailto:info@wescominc.com) | 218-724-1322

**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442

# Parkway 19 18 Federal Com #001H

Karst Potential = High

## Legend

- 01 Low
- 02 Medium
- 03 High
- Parkway 19 18 Federal Com #001H
- Point of Release

Parkway 19 18 Federal Com #001H



# ATTACHMENT E

## Hall Environmental Laboratory Analysis Reports



**Energizing America**

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

**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442



## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS01B-0'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 12:58:00 PM

Lab ID: 2209226-001

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/10/2022 12:10:41 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/10/2022 12:10:41 AM
Surr: DNOP	98.0	21-129		%Rec	1	9/10/2022 12:10:41 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/10/2022 1:38:20 AM
Surr: BFB	100	37.7-212		%Rec	1	9/10/2022 1:38:20 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 1:38:20 AM
Toluene	ND	0.050		mg/Kg	1	9/10/2022 1:38:20 AM
Ethylbenzene	ND	0.050		mg/Kg	1	9/10/2022 1:38:20 AM
Xylenes, Total	ND	0.10		mg/Kg	1	9/10/2022 1:38:20 AM
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	9/10/2022 1:38:20 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	59		mg/Kg	20	9/13/2022 10:04:01 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

Page 1 of 0

## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS02C-0'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 2:16:00 PM

Lab ID: 2209226-002

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/10/2022 12:21:54 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/10/2022 12:21:54 AM
Surr: DNOP	91.8	21-129		%Rec	1	9/10/2022 12:21:54 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2022 3:12:10 AM
Surr: BFB	99.3	37.7-212		%Rec	1	9/10/2022 3:12:10 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 3:12:10 AM
Toluene	ND	0.049		mg/Kg	1	9/10/2022 3:12:10 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2022 3:12:10 AM
Xylenes, Total	ND	0.098		mg/Kg	1	9/10/2022 3:12:10 AM
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	9/10/2022 3:12:10 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	9/13/2022 10:16:25 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS03D-0'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 2:15:00 PM

Lab ID: 2209226-003

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/10/2022 12:33:04 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/10/2022 12:33:04 AM
Surr: DNOP	96.5	21-129		%Rec	1	9/10/2022 12:33:04 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/10/2022 3:35:35 AM
Surr: BFB	102	37.7-212		%Rec	1	9/10/2022 3:35:35 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 3:35:35 AM
Toluene	ND	0.050		mg/Kg	1	9/10/2022 3:35:35 AM
Ethylbenzene	ND	0.050		mg/Kg	1	9/10/2022 3:35:35 AM
Xylenes, Total	ND	0.099		mg/Kg	1	9/10/2022 3:35:35 AM
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	9/10/2022 3:35:35 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	9/13/2022 4:20:55 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS04C-0'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 2:20:00 PM

Lab ID: 2209226-004

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/10/2022 12:44:13 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/10/2022 12:44:13 AM
Surr: DNOP	85.1	21-129		%Rec	1	9/10/2022 12:44:13 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2022 3:58:54 AM
Surr: BFB	99.5	37.7-212		%Rec	1	9/10/2022 3:58:54 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	9/10/2022 3:58:54 AM
Toluene	ND	0.049		mg/Kg	1	9/10/2022 3:58:54 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2022 3:58:54 AM
Xylenes, Total	ND	0.097		mg/Kg	1	9/10/2022 3:58:54 AM
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	1	9/10/2022 3:58:54 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	240	60		mg/Kg	20	9/13/2022 4:33:20 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS05-0'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 11:47:00 AM

Lab ID: 2209226-005

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/10/2022 12:55:14 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/10/2022 12:55:14 AM
Surr: DNOP	95.4	21-129		%Rec	1	9/10/2022 12:55:14 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2022 4:22:26 AM
Surr: BFB	95.2	37.7-212		%Rec	1	9/10/2022 4:22:26 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 4:22:26 AM
Toluene	ND	0.049		mg/Kg	1	9/10/2022 4:22:26 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2022 4:22:26 AM
Xylenes, Total	ND	0.098		mg/Kg	1	9/10/2022 4:22:26 AM
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	9/10/2022 4:22:26 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	9/13/2022 4:45:44 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS06-0'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 12:05:00 PM

Lab ID: 2209226-006

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/10/2022 1:06:27 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/10/2022 1:06:27 AM
Surr: DNOP	85.5	21-129		%Rec	1	9/10/2022 1:06:27 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/10/2022 4:46:00 AM
Surr: BFB	98.4	37.7-212		%Rec	1	9/10/2022 4:46:00 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 4:46:00 AM
Toluene	ND	0.050		mg/Kg	1	9/10/2022 4:46:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	9/10/2022 4:46:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	9/10/2022 4:46:00 AM
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	9/10/2022 4:46:00 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	65	60		mg/Kg	20	9/13/2022 4:58:08 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS07-0'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 12:10:00 PM

Lab ID: 2209226-007

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/10/2022 1:17:39 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/10/2022 1:17:39 AM
Surr: DNOP	109	21-129		%Rec	1	9/10/2022 1:17:39 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2022 5:09:25 AM
Surr: BFB	98.4	37.7-212		%Rec	1	9/10/2022 5:09:25 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 5:09:25 AM
Toluene	ND	0.049		mg/Kg	1	9/10/2022 5:09:25 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2022 5:09:25 AM
Xylenes, Total	ND	0.098		mg/Kg	1	9/10/2022 5:09:25 AM
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	9/10/2022 5:09:25 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	96	60		mg/Kg	20	9/13/2022 5:10:34 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS08-2'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 9:15:00 AM

Lab ID: 2209226-008

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/10/2022 1:28:50 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/10/2022 1:28:50 AM
Surr: DNOP	97.9	21-129		%Rec	1	9/10/2022 1:28:50 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2022 5:32:52 AM
Surr: BFB	98.1	37.7-212		%Rec	1	9/10/2022 5:32:52 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 5:32:52 AM
Toluene	ND	0.049		mg/Kg	1	9/10/2022 5:32:52 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2022 5:32:52 AM
Xylenes, Total	ND	0.099		mg/Kg	1	9/10/2022 5:32:52 AM
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	9/10/2022 5:32:52 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	96	59		mg/Kg	20	9/13/2022 5:22:58 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: SS09-2'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 9:40:00 AM

Lab ID: 2209226-009

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	9/10/2022 1:40:01 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	9/10/2022 1:40:01 AM
Surr: DNOP	93.9	21-129		%Rec	1	9/10/2022 1:40:01 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2022 5:56:16 AM
Surr: BFB	98.4	37.7-212		%Rec	1	9/10/2022 5:56:16 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	9/10/2022 5:56:16 AM
Toluene	ND	0.049		mg/Kg	1	9/10/2022 5:56:16 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2022 5:56:16 AM
Xylenes, Total	ND	0.097		mg/Kg	1	9/10/2022 5:56:16 AM
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	9/10/2022 5:56:16 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	220	60		mg/Kg	20	9/13/2022 5:35:23 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: BG01-0'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 10:05:00 AM

Lab ID: 2209226-010

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/10/2022 1:51:10 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/10/2022 1:51:10 AM
Surr: DNOP	87.9	21-129		%Rec	1	9/10/2022 1:51:10 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/10/2022 6:19:40 AM
Surr: BFB	101	37.7-212		%Rec	1	9/10/2022 6:19:40 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 6:19:40 AM
Toluene	ND	0.050		mg/Kg	1	9/10/2022 6:19:40 AM
Ethylbenzene	ND	0.050		mg/Kg	1	9/10/2022 6:19:40 AM
Xylenes, Total	ND	0.10		mg/Kg	1	9/10/2022 6:19:40 AM
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	9/10/2022 6:19:40 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	9/13/2022 5:47:48 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: BG01-1'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 12:00:00 PM

Lab ID: 2209226-011

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/10/2022 2:02:17 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/10/2022 2:02:17 AM
Surr: DNOP	89.1	21-129		%Rec	1	9/10/2022 2:02:17 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2022 6:43:15 AM
Surr: BFB	97.9	37.7-212		%Rec	1	9/10/2022 6:43:15 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 6:43:15 AM
Toluene	ND	0.049		mg/Kg	1	9/10/2022 6:43:15 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2022 6:43:15 AM
Xylenes, Total	ND	0.098		mg/Kg	1	9/10/2022 6:43:15 AM
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	9/10/2022 6:43:15 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	9/13/2022 6:49:52 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209226

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: BG01-2'

Project: Parkway 1918 Federal Com 001H 08162

Collection Date: 9/2/2022 12:05:00 PM

Lab ID: 2209226-012

Matrix: SOIL

Received Date: 9/7/2022 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/10/2022 2:13:22 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/10/2022 2:13:22 AM
Surr: DNOP	81.8	21-129		%Rec	1	9/10/2022 2:13:22 AM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/10/2022 7:53:35 AM
Surr: BFB	99.1	37.7-212		%Rec	1	9/10/2022 7:53:35 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	9/10/2022 7:53:35 AM
Toluene	ND	0.049		mg/Kg	1	9/10/2022 7:53:35 AM
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2022 7:53:35 AM
Xylenes, Total	ND	0.099		mg/Kg	1	9/10/2022 7:53:35 AM
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	9/10/2022 7:53:35 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	9/13/2022 7:02:17 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF01-3'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/23/2022 11:00:00 AM

Lab ID: 2209E95-001

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/29/2022 9:01:30 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/29/2022 9:01:30 PM
Surr: DNOP	80.3	21-129		%Rec	1	9/29/2022 9:01:30 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/29/2022 5:45:13 PM
Surr: BFB	92.7	37.7-212		%Rec	1	9/29/2022 5:45:13 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	9/29/2022 5:45:13 PM
Toluene	ND	0.046		mg/Kg	1	9/29/2022 5:45:13 PM
Ethylbenzene	ND	0.046		mg/Kg	1	9/29/2022 5:45:13 PM
Xylenes, Total	ND	0.093		mg/Kg	1	9/29/2022 5:45:13 PM
Surr: 4-Bromofluorobenzene	98.2	70-130		%Rec	1	9/29/2022 5:45:13 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	150	60		mg/Kg	20	10/3/2022 9:28:59 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF02-3'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/23/2022 11:04:00 AM

Lab ID: 2209E95-002

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/29/2022 9:16:14 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/29/2022 9:16:14 PM
Surr: DNOP	89.7	21-129		%Rec	1	9/29/2022 9:16:14 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/29/2022 6:08:37 PM
Surr: BFB	92.4	37.7-212		%Rec	1	9/29/2022 6:08:37 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/29/2022 6:08:37 PM
Toluene	ND	0.050		mg/Kg	1	9/29/2022 6:08:37 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/29/2022 6:08:37 PM
Xylenes, Total	ND	0.099		mg/Kg	1	9/29/2022 6:08:37 PM
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	9/29/2022 6:08:37 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	170	60		mg/Kg	20	10/3/2022 9:41:24 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF03-3'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/23/2022 11:42:00 AM

Lab ID: 2209E95-003

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/29/2022 9:30:55 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/29/2022 9:30:55 PM
Surr: DNOP	67.7	21-129		%Rec	1	9/29/2022 9:30:55 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/29/2022 6:31:55 PM
Surr: BFB	93.7	37.7-212		%Rec	1	9/29/2022 6:31:55 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/29/2022 6:31:55 PM
Toluene	ND	0.048		mg/Kg	1	9/29/2022 6:31:55 PM
Ethylbenzene	ND	0.048		mg/Kg	1	9/29/2022 6:31:55 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/29/2022 6:31:55 PM
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	9/29/2022 6:31:55 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	ND	60		mg/Kg	20	10/3/2022 10:18:39 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF04-3'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/23/2022 11:57:00 AM

Lab ID: 2209E95-004

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>mb</b>
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/29/2022 9:45:43 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/29/2022 9:45:43 PM
Surr: DNOP	87.6	21-129		%Rec	1	9/29/2022 9:45:43 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/29/2022 8:05:30 PM
Surr: BFB	92.8	37.7-212		%Rec	1	9/29/2022 8:05:30 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	9/29/2022 8:05:30 PM
Toluene	ND	0.049		mg/Kg	1	9/29/2022 8:05:30 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/29/2022 8:05:30 PM
Xylenes, Total	ND	0.098		mg/Kg	1	9/29/2022 8:05:30 PM
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	9/29/2022 8:05:30 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JTT</b>
Chloride	62	60		mg/Kg	20	10/3/2022 10:31:04 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF05-1.5'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/23/2022 11:45:00 AM

Lab ID: 2209E95-005

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/29/2022 10:00:30 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/29/2022 10:00:30 PM
Surr: DNOP	103	21-129		%Rec	1	9/29/2022 10:00:30 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/29/2022 8:28:55 PM
Surr: BFB	95.9	37.7-212		%Rec	1	9/29/2022 8:28:55 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/29/2022 8:28:55 PM
Toluene	ND	0.047		mg/Kg	1	9/29/2022 8:28:55 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/29/2022 8:28:55 PM
Xylenes, Total	ND	0.095		mg/Kg	1	9/29/2022 8:28:55 PM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	9/29/2022 8:28:55 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	200	60		mg/Kg	20	10/3/2022 10:43:28 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF06-2'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/26/2022 8:46:00 AM

Lab ID: 2209E95-006

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/29/2022 10:15:25 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/29/2022 10:15:25 PM
Surr: DNOP	83.5	21-129		%Rec	1	9/29/2022 10:15:25 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/29/2022 8:52:21 PM
Surr: BFB	93.3	37.7-212		%Rec	1	9/29/2022 8:52:21 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/29/2022 8:52:21 PM
Toluene	ND	0.049		mg/Kg	1	9/29/2022 8:52:21 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/29/2022 8:52:21 PM
Xylenes, Total	ND	0.098		mg/Kg	1	9/29/2022 8:52:21 PM
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	9/29/2022 8:52:21 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	110	60		mg/Kg	20	10/3/2022 10:55:53 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF07-2'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/26/2022 8:48:00 AM

Lab ID: 2209E95-007

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	13		mg/Kg	1	9/29/2022 10:30:17 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	9/29/2022 10:30:17 PM
Surr: DNOP	104	21-129		%Rec	1	9/29/2022 10:30:17 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/29/2022 9:16:02 PM
Surr: BFB	93.0	37.7-212		%Rec	1	9/29/2022 9:16:02 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	9/29/2022 9:16:02 PM
Toluene	ND	0.047		mg/Kg	1	9/29/2022 9:16:02 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/29/2022 9:16:02 PM
Xylenes, Total	ND	0.093		mg/Kg	1	9/29/2022 9:16:02 PM
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	9/29/2022 9:16:02 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	230	60		mg/Kg	20	10/3/2022 11:08:17 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF08-3'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/26/2022 10:52:00 AM

Lab ID: 2209E95-008

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	14		mg/Kg	1	9/29/2022 10:45:03 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/29/2022 10:45:03 PM
Surr: DNOP	100	21-129		%Rec	1	9/29/2022 10:45:03 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	9/29/2022 9:39:43 PM
Surr: BFB	92.1	37.7-212		%Rec	1	9/29/2022 9:39:43 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	9/29/2022 9:39:43 PM
Toluene	ND	0.046		mg/Kg	1	9/29/2022 9:39:43 PM
Ethylbenzene	ND	0.046		mg/Kg	1	9/29/2022 9:39:43 PM
Xylenes, Total	ND	0.092		mg/Kg	1	9/29/2022 9:39:43 PM
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	9/29/2022 9:39:43 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	140	60		mg/Kg	20	10/3/2022 11:20:42 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF09-1.5'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/26/2022 8:59:00 AM

Lab ID: 2209E95-009

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	21	14		mg/Kg	1	9/29/2022 10:59:59 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/29/2022 10:59:59 PM
Surr: DNOP	95.1	21-129		%Rec	1	9/29/2022 10:59:59 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/29/2022 10:03:16 PM
Surr: BFB	90.1	37.7-212		%Rec	1	9/29/2022 10:03:16 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/29/2022 10:03:16 PM
Toluene	ND	0.049		mg/Kg	1	9/29/2022 10:03:16 PM
Ethylbenzene	ND	0.049		mg/Kg	1	9/29/2022 10:03:16 PM
Xylenes, Total	ND	0.097		mg/Kg	1	9/29/2022 10:03:16 PM
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	9/29/2022 10:03:16 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	430	60		mg/Kg	20	10/4/2022 9:14:39 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF10-1.5'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/26/2022 8:56:00 AM

Lab ID: 2209E95-010

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	21	14		mg/Kg	1	9/29/2022 11:14:49 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/29/2022 11:14:49 PM
Surr: DNOP	112	21-129		%Rec	1	9/29/2022 11:14:49 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/29/2022 10:26:38 PM
Surr: BFB	91.7	37.7-212		%Rec	1	9/29/2022 10:26:38 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	9/29/2022 10:26:38 PM
Toluene	ND	0.047		mg/Kg	1	9/29/2022 10:26:38 PM
Ethylbenzene	ND	0.047		mg/Kg	1	9/29/2022 10:26:38 PM
Xylenes, Total	ND	0.094		mg/Kg	1	9/29/2022 10:26:38 PM
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	9/29/2022 10:26:38 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	380	60		mg/Kg	20	10/4/2022 9:27:03 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF11 Wall-1'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/26/2022 9:11:00 AM

Lab ID: 2209E95-011

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/29/2022 11:29:34 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	9/29/2022 11:29:34 PM
Surr: DNOP	77.4	21-129		%Rec	1	9/29/2022 11:29:34 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/29/2022 10:49:59 PM
Surr: BFB	92.8	37.7-212		%Rec	1	9/29/2022 10:49:59 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/29/2022 10:49:59 PM
Toluene	ND	0.050		mg/Kg	1	9/29/2022 10:49:59 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/29/2022 10:49:59 PM
Xylenes, Total	ND	0.099		mg/Kg	1	9/29/2022 10:49:59 PM
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	9/29/2022 10:49:59 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	160	59		mg/Kg	20	10/4/2022 9:39:28 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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## Analytical Report

Lab Order 2209E95

Date Reported:

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Marathon Oil Company

Client Sample ID: CONF12 Wall-1'

Project: Parkway 1918 Federal Com 001H 8 16 2

Collection Date: 9/26/2022 12:04:00 PM

Lab ID: 2209E95-012

Matrix: SOIL

Received Date: 9/28/2022 7:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: mb
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	9/29/2022 11:44:26 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/29/2022 11:44:26 PM
Surr: DNOP	93.8	21-129		%Rec	1	9/29/2022 11:44:26 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/29/2022 11:13:25 PM
Surr: BFB	91.8	37.7-212		%Rec	1	9/29/2022 11:13:25 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/29/2022 11:13:25 PM
Toluene	ND	0.050		mg/Kg	1	9/29/2022 11:13:25 PM
Ethylbenzene	ND	0.050		mg/Kg	1	9/29/2022 11:13:25 PM
Xylenes, Total	ND	0.10		mg/Kg	1	9/29/2022 11:13:25 PM
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	9/29/2022 11:13:25 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JTT
Chloride	110	60		mg/Kg	20	10/4/2022 9:51:52 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Estimated value
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix interference		

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# ATTACHMENT F

## 48-Hour Confirmation Sampling Notification Emails



**Energizing America**

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

**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442

**Melodie Sanjari**

Environmental Professional  
Permian & Oklahoma  
575-988-8753



---

**From:** Sanjari, Melodie (MRO)

**Sent:** Monday, September 19, 2022 11:04 AM

**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>

**Cc:** Ashley Giovengo <[ashley.giovengo@wescominc.com](mailto:ashley.giovengo@wescominc.com)>

**Subject:** Marathon Oil Company - 48 Hour Notice for Sampling - nAPP2222844442

Good Morning,

Please let this email serve as the required 48 hour notice for final confirmation sampling to close out incident nAPP2222844442 at the Parkway facility. Excavation activities will begin Wednesday morning (9/21/22) and confirmation samples are expected to be collected on the Wednesday and/or potentially Thursday.

Thanks and have a wonderful day.

**Melodie Sanjari**

Environmental Professional  
Permian & Oklahoma  
575-988-8753



# ATTACHMENT G

## 48-Hour Liner Inspection Notification Emails



**Energizing America**

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

**Parkway 19 18 Federal Com #001H** | Incident ID: nAPP2222844442



**From:** [Ashley Giovengo](#)  
**To:** [Cole Burton](#)  
**Subject:** FW: Marathon Oil Company - 48 Hour Notice for Sampling - nAPP2222844442  
**Date:** Wednesday, October 5, 2022 2:12:15 PM

---

**Ashley Giovengo**, Environmental Manager - Permian

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

[WescomInc.com](#) | [ashley.giovengo@WescomInc.com](mailto:ashley.giovengo@WescomInc.com)

*"I am in charge of my own safety."*

---

**From:** Sanjari, Melodie (MRO) <[msanjari@marathonoil.com](mailto:msanjari@marathonoil.com)>  
**Sent:** Thursday, September 22, 2022 7:51 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Cc:** Ashley Giovengo <[ashley.giovengo@wescominc.com](mailto:ashley.giovengo@wescominc.com)>  
**Subject:** RE: Marathon Oil Company - 48 Hour Notice for Sampling - nAPP2222844442

Good Morning,

Apologies as it was left off of the original notification but a liner integrity inspection will also take place during the excavation and confirmation sampling event.

Thank you

**Melodie Sanjari**

Environmental Professional

Permian & Oklahoma

575-988-8753



---

**From:** Sanjari, Melodie (MRO)  
**Sent:** Monday, September 19, 2022 11:47 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Subject:** RE: Marathon Oil Company - 48 Hour Notice for Sampling - nAPP2222844442

Good Morning,

The remediation has been pushed to a start date of Thursday the 22<sup>nd</sup> with potential for samples to be collected on the 22<sup>nd</sup> and/or the 23<sup>rd</sup>.

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

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

CONDITIONS  
  
Action 154899

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 154899
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2222844442 PARKWAY 1H, thank you. This closure is approved.	1/4/2023