

# Remediation Plan Proposed Actions

**Burnett Oil Co, LLC**

**Eddy County, New Mexico**

**Latitude 32.848883 North, Longitude 103.943788 West**

**Unit Letter "K", Section 17, Township 30 South, Range 30 East**

**NMOCD Incident # nAPP2315143206**

Prepared For:  
Burnett Oil Co, LLC



Prepared By:  
Lindsey Nevels  
Senior Environmental Manager

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## 1.0 PROJECT INFORMATION

Arrow logistics, on behalf of Burnett Oil, has prepared this Proposed Remediation Plan Report for the Release Site known as the Gissler Injection Line Details of the release are summarized below:"

### Location of Release Source

Latitude: 32.848883 Longitude: -103.943788

Provided GPS are in WGS84 format.

Site Name:	Gissler B16 Injection Line	Site Type:	Flowline
Date Release Discovered:	5/30/2023	API # (if applicable):	30-15-23771

Unit Letter	Section	Township	Range	County
K	17	20S	30E	Eddy

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

### Nature and Volume of Release

<input type="checkbox"/> Crude Oil	Volume Released (bbl.)	Volume Recovered (bbl.)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbl.) 90	Volume Recovered (bbl.) 0
	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"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbl.)	Volume Recovered (bbl.)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:  
Water flowline rupture

### Initial Response

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

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

## 2.0 Table 1

What is the shallowest depth to groundwater beneath the area affected by the release?	>100		
Did the 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 any 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 the incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

The Gissler B16 Water Injection Well is located approximately 1.6 miles North of US 82 and 1.3 miles West of CR220, New Mexico at UL/L sec. 11 T17S R30E. The release occurred 32.84883 , -103.943788 just off the pad of the Gissler B 96 location in section K. Burnett oil has drilled 4 depth to water wells in this area to include one that is within .5 miles of release with a dry depth of a 101 ft. The release area lies in low Karst geology.

### 3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site is as follows:

Closure Criteria for Soil Impacted by a Release			
Probable Depth to Groundwater	Constituent	Method	Limit
>100	Chloride	EPA 300.0 or SM4500 Cl B	20000 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2500 mg/kg
	DRO + GRO	EPA SW-846 Method 8015M	N/A mg/kg
	BTEX	EPA SW-846 Methods 8021b or 8260b	50 mg/kg
	Benzene	EPA SW-846 Methods 8021b or 8260b	10 mg/kg

Depth to groundwater information is provided as Attachment II and the results are depicted on Figures 1,2, and 3.

### 4.0 INITIAL SITE ASSESSMENT

From the dates of December 4, 2023 to June 5, 2023 , initial site assessments and clean up activities were conducted on-site to better protect the environment and human health. During the initial site assessment, a series of hand-augured soil bores were advanced within the release margins in an effort to determine the vertical extent of soil impacts. In addition, soil bores were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of soil impacts. During the advancement of the soil bores, thirty (30) representative soil samples labeled as SP1 through SP30 were collected and field-screened for the presence of Volatile Organic Compounds utilizing a Photoionization Detector (PID) and/or concentrations of chloride utilizing La Motte titration method. and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit. A total of 180 samples were collected from the release area. All 180 soil samples were submitted to an approved laboratory for analysis of BTEX, TPH and/or Chloride

A "Site & Sample Location Map" is provided as Figure 3. Field data and soil profile logs, if applicable, are provided as Appendix B.

Based on previously submitted remediation plan, field notes and analytical data, it shows the following. Thirteen (13) vertical delineation soil samples labeled as (SP1, SP5, SP8, SP10, SP13, SP14, SP15, SP16, SP18, SP19, SP20, SP21 and SP22) were collected from within the release area. Vertical delineation soil samples were taken at depths ranging from surface to 6ft Bgs. Each were submitted to the laboratory for analysis of BTEX, TPH and/or Chloride. Based on laboratory analytical results, the release area was not affected above the NMOCD Closure Criteria beyond (Max 4ft. Bgs) with the exception of SP1, SP5, SP8, SP10, SP14, SP15, and SP16 and the vertical extent of affected soil impacted above the NMOCD Closure Criteria was not adequately defined. Sixteen (16) horizontal soil samples labeled as (SP2, SP3, SP4, SP6, SP7, SP9, SP11, SP12, SP17, SP18, SP23, SP24, SP27, SP28, SP29, and SP30) were collected from the inferred edges of the affected area. Horizontal delineation soil samples were collected at depths ranging from surface to 6ft Bgs. Each were submitted to the laboratory for analysis of BTEX, TPH and/or Chloride. Based on laboratory analytical results, the horizontal extent of the release area was not affected above the NMOCD Closure Criteria and/or Reclamation Standard with the exception of SP2 @ 3-4' and SP9 @ 5-6' SP5. On February 8, 2024, horizontal delineation samples were collected 2 ft out of previously sample location also labeled as SP2 and SP9. Horizontal samples SP2 @ (Surface), (2'), (4') and (5') and SP9 @ (0'1), (1'-2'), (2'-3'), (3'-4'), (4'-5') and (5'-6') were submitted to the laboratory for analysis of BTEX, TPH and/or Chloride. Based on laboratory analytical results, the horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined with the exception of horizontal sample location SP9. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C.

### 5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment, Burnett Oil proposes the following remediation activities designed to advance the Site toward an approved closure:

## Proposed Actions

- Achieve full vertical delineation in sample locations SP1, SP5, SP8, SP10, SP14, SP15, SP16, SP21, SP22 and horizontal delineation SP9(B) in accordance with NMOCD Closure Criteria. Selected soil samples will be field-screened for the presence of Volatile Organic Compounds utilizing a Photoionization Detector (PID) and/or concentrations of chloride utilizing La Motte titration method and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit. Detailed field notes of on-site testing will be submitted in Final Closure Request.

- Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard will be mechanically excavated until results indicate BTEX, TPH and chloride concentrations are below the applicable NMOCD Closure Criteria and/or Reclamation Standard. Impacted soil will then be transported to an NMOCD-approved surface waste facility for disposal (LeaLand Disposal).

- After excavation, conformation 5 point composite soil samples representing every 200 sq ft will be taken from bottom hole excavation and sidewalls.

- Upon receiving laboratory analytical results from excavation confirmation soil samples, backfill the excavated area with locally sourced, non-impacted "like" material.

- Upon completion of remediation activities, a *Remediation Summary Final Closure Request* will be prepared detailing all necessary field activities and laboratory analytical results from confirmation soil samples.

Upon approval of Final Closure, Burnett Oil will submit a Re-Vegetation plan when uniform vegetation cover has been established that reflects a life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds for all disturbed areas.

- All remediation activities will be conducted in accordance with applicable NMOCD Closure requirements and/or NMOCD reclamation standard. Scaled Site Map, sample diagram, relevant field notes, photographs of open excavation before backfilling, laboratory data including chain of custody, documents of final sampling events, and the remedial activity narrative will be submitted in final Closure Request, respectively.

Previously submitted pages of the NMOCD Form C-141 are available on the NMOCD Imaging System. Remediation pages of the NMOCD Form C-141 are included as Attachment V. Topographic Map, OSE POD Locations Map, and USGS Well Locations Map, Scaled Sample Location Site Map, and Proposed Excavation Map are included as Figure 1, Figure 2, Figure 3, Figure 4, and Figure 5, respectively.

### 6.0 SAMPLING PLAN

Upon completion of excavation activities, representative five-point composite excavation confirmation soil samples will be collected from the excavation sidewalls in each cardinal direction, representing no more than 50 linear ft. A minimum of **one (1)** representative five-point composite excavation confirmation soil sample will be collected from the base of the excavated area representing every 200 square feet. Additional, discrete grab samples will be collected from wet or visibly stained areas inferred to have been affected by the release, as necessary.

### 7.0 TIMELINE AND ESTIMATED VOLUME OF SOIL TO BE REMEDIATED

Remediation activities are expected to be completed **within 90 days** of receiving necessary approval(s) of the Site Assessment Summary and Proposed Remediation Plan. Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment it is estimated that approximately 200 **cubic yards** is in need of removal.

## 8.0 RESTORATION, RECLAMATION AND RE-VEGETATION PLAN

Areas affected by remediation and closure activities will be substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the site.

## 9.0 LIMITATIONS

Arrow Logistic has prepared this Site Assessment Report and Proposed Remediation Plan to the best of its ability. No other warranty, expressed or implied, is made or intended. I have examined and relied upon documents reference in the report and on oral statements made by certain individuals. I have not conducted an independent examination of the facts contained in referenced materials and statements. I have presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. I have prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Note that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

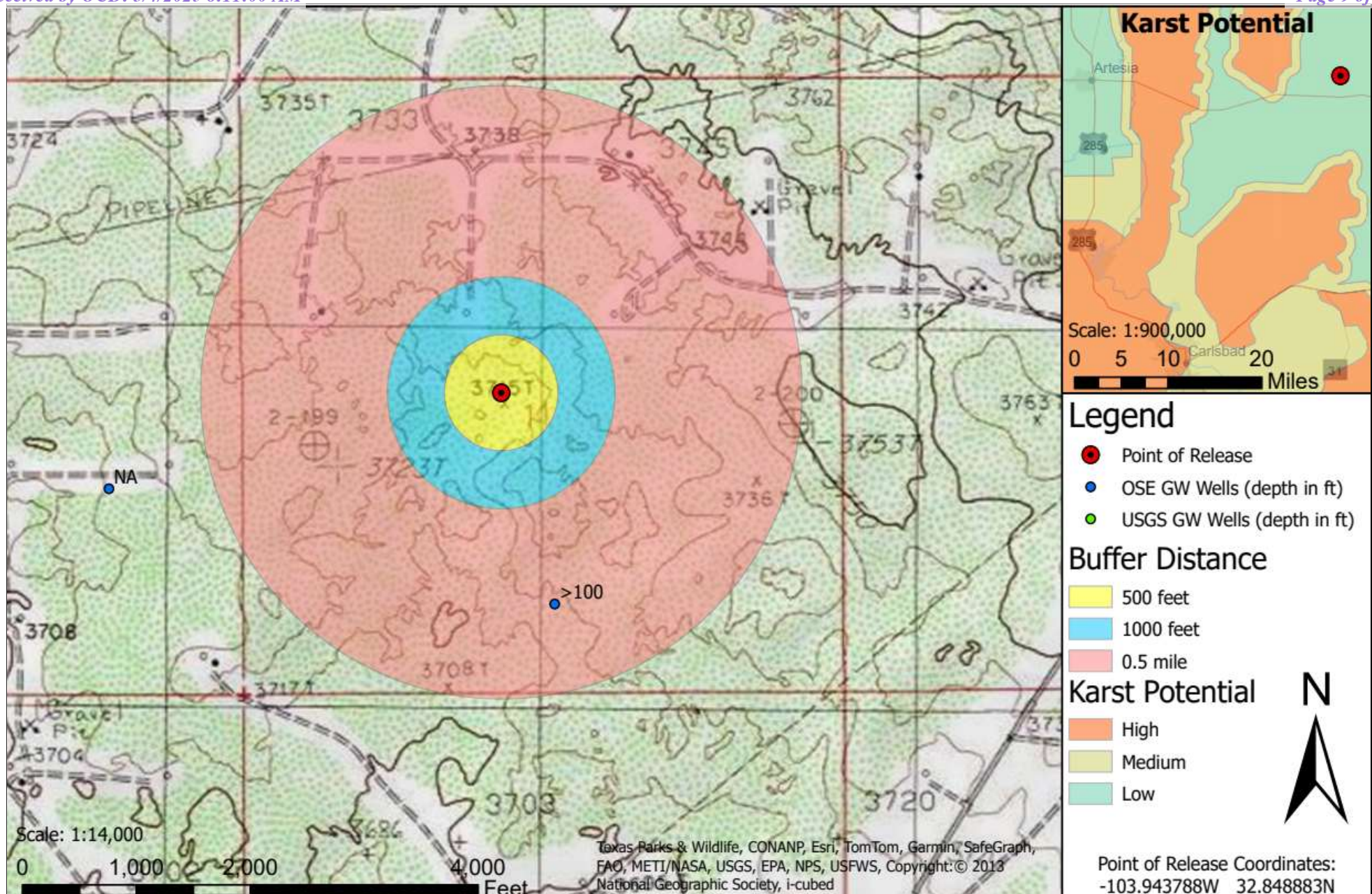
This report has been prepared for the benefit of Burnett Oil. Use of the information contained in this report is prohibited without the consent of Arrow Logistics and/or Burnett Oil.

## 10.0 DISTRIBUTION

**Burnett Oil**  
Bryan Burns

*New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, NM 88210*

## Figures

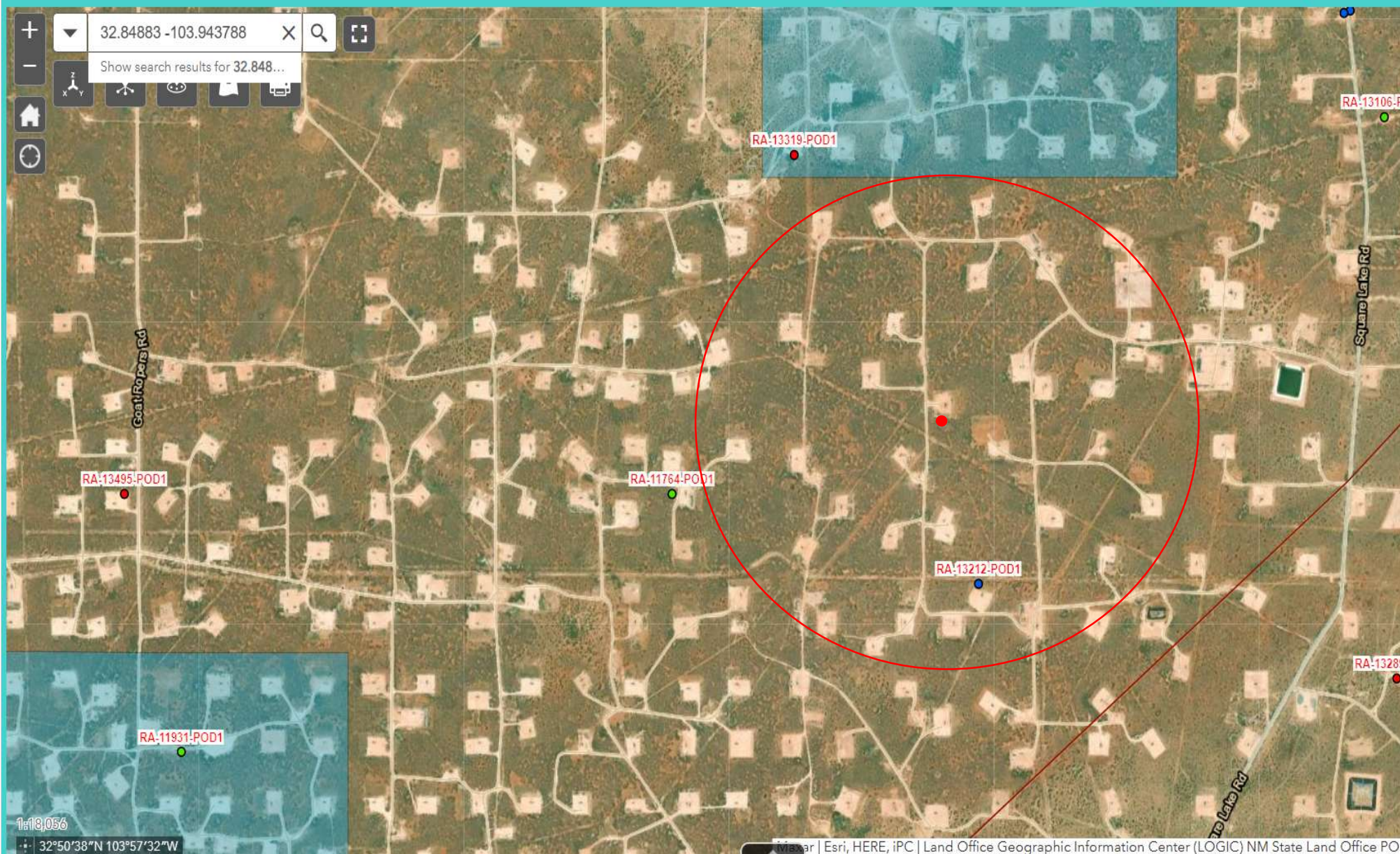


Legend:	Topo Map - Low Karst	Figure 1
<p>● Gissler B16 Injection Line Location</p> <p>○ OSE ActiveWater Well</p>	<p>Burnett Oil</p> <p>Gissler B16 Injection Line</p> <p>GPS: 32.84888 -103.943788</p> <p>Eddy County</p>	

## OSE POD Locations

Points of Diversion visible at 1:18,000 with 1,000 features per view

Water Rights Submit Meter Reading Drought Tracker Map Tutorial

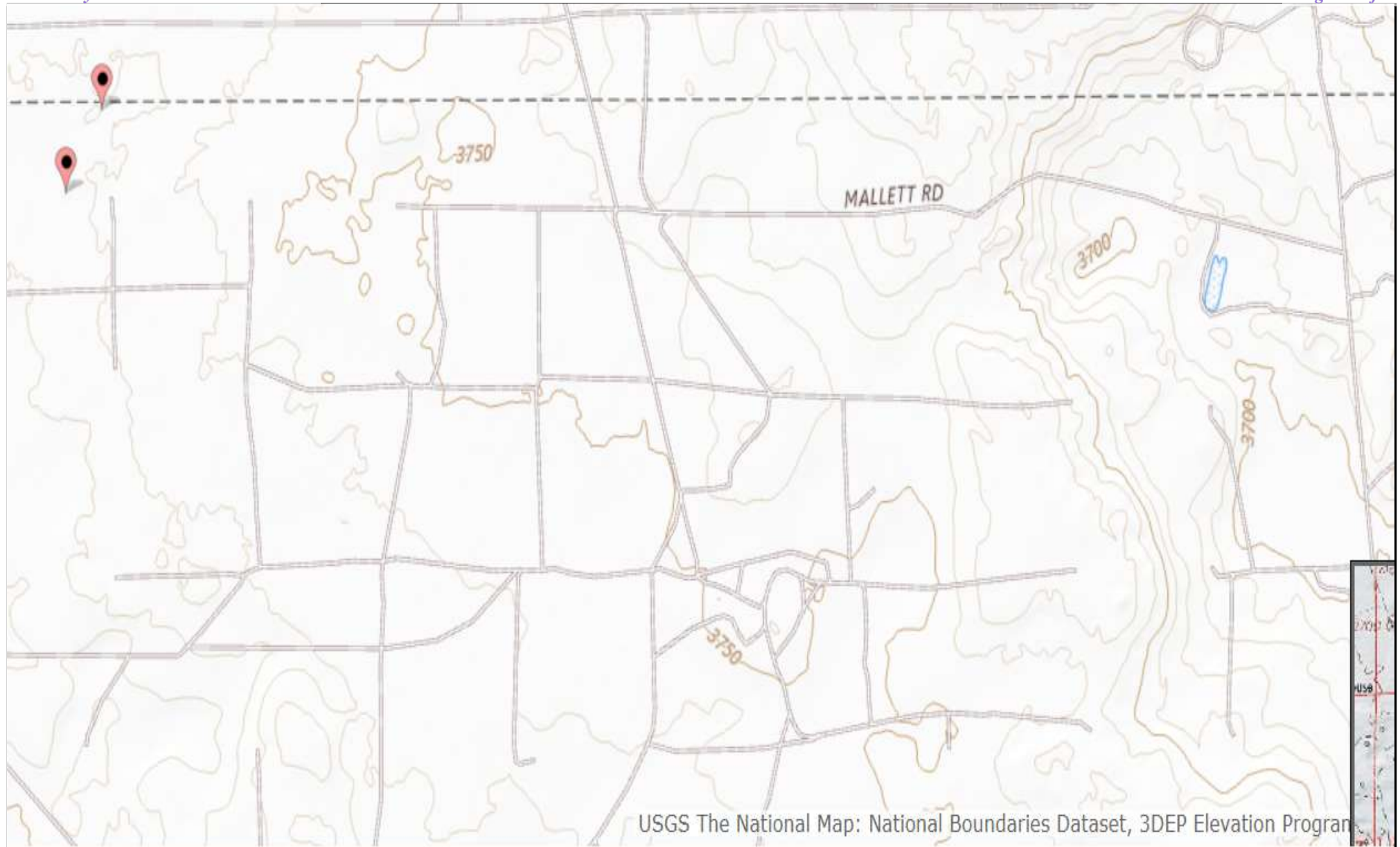
**Legend:**


- OSE Pod Well Locations
- Gissler B16 Injection Line Location
- Half mile Radius

**USGS Well Locations Map**

Burnett Oil  
 Gissler B16 Injection Line  
 GPS: 32.848883, -103.943788  
 Eddy County

**Figure 2**






Legend:	USGS Well Locations Map	Figure 3
 USGS Well Locations	Burnett Oil Gissler B16 Injection Line GPS: 32.848883, -103.943788 Eddy County	

**Gissler B 16 WIW**

5/30/2023

SP1 : 32.84883,-103.94378  
 SP2 : 32.84891,-103.94379  
 SP3 : 32.84891,-103.94374  
 SP4 : 32.84886,-103.94382  
 SP5 : 32.84885,-103.94374  
 SP6 : 32.84887,-103.94370  
 SP7 : 32.84882,-103.94385  
 SP8 : 32.84882,-103.94381  
 SP9 : 32.84882,-103.94376  
 SP10 : 32.84883,-103.94371  
 SP11 : 32.84884,-103.94367  
 SP12 : 32.84877,-103.94386  
 SP13 : 32.84877,-103.94381  
 SP14 : 32.84878,-103.94376  
 SP15 : 32.84879,-103.94372  
 SP16 : 32.84880,-103.94368  
 SP17 : 32.84881,-103.94364  
 SP18 : 32.84873,-103.94383  
 SP19 : 32.84875,-103.94378  
 SP20 : 32.84876,-103.94374  
 SP21 : 32.84877,-103.94370  
 SP22 : 32.84877,-103.94367  
 SP23 : 32.84872,-103.94379  
 SP24 : 32.84872,-103.94375  
 SP25 : 32.84874,-103.94372  
 SP26 : 32.84875,-103.94368  
 SP27 : 32.84877,-103.94364  
 SP28 : 32.84872,-103.94369  
 SP29 : 32.84873,-103.94366  
 SP30 : 32.84875,-103.94365


**Legend**

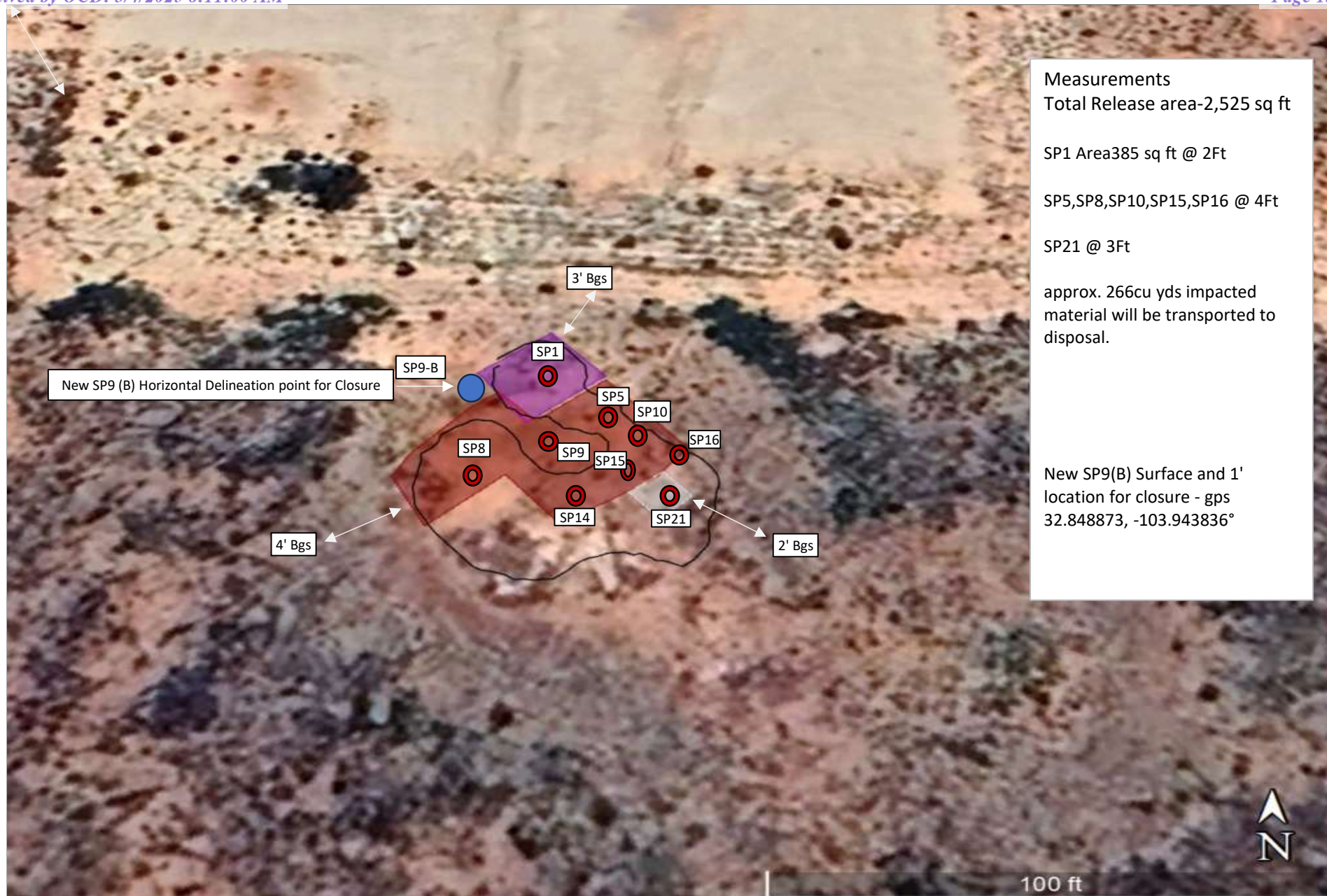
-  Pooling Area
-  SP
-  SP 1 - Release Point

Google Earth

40 ft



Legend:	Delineation Sample Map	Figure 4
<div data-bbox="111 1412 163 1445" style="border: 1px solid red; width: 20px; height: 10px; display: inline-block;"></div> Release Area <div data-bbox="111 1453 163 1485" style="border: 1px solid red; padding: 2px; display: inline-block;">SP1</div> Delineation Sample Location Map 	nAPP2315143206 Burnett Oil Gissler Injection Line GPS: 32.848883, -103.943788 Eddy County New Mexico	



Legend	Proposed Excavation Map	Figure 5
<p>3 ft proposed excavation</p> <p>4 ft proposed excavation</p> <p>2 ft proposed excavation</p> <p>SP9-B Horizontal Delineation Sample</p>	<p>nAPP2315143206</p> <p>Burnett Oil</p> <p>Gissler B16 Injection Line</p> <p>GPS: 32.848883, -103.943788</p> <p>Eddy County</p>	

## **Table**

Table 3: Summary of Sample Results

Burnett Oil Co., Inc  
Gissler B16 (nAPP2315143206)

Sample ID	Sample Date	Depth (feet bgs)	BTEX mg/Kg	Benzene mg/Kg	GRO mg/Kg	DRO mg/Kg	MRO mg/Kg	Total TPH mg/Kg	Cl- mg/Kg
NMED Closure Criteria Top 4 Feet			50	10				100	600
NMED Closure Criteria Below 4 Feet			50	10				2500	20000
SP1	6/5/2023	0'-1'	<1.09	<0.12	<24	220	160	380	460
		1'-2'	<0.224	<0.025	<5.0	66	91	157	250
		2'-3'	<0.217	<0.024	<4.8	68	96	164	90
		3'-4'	<0.221	<0.025	<4.9	22	58	80	350
		4'-5'	-	-	-	-	-	-	870
		5'-6'	-	-	-	-	-	-	3300
	12/4/2023	0'-1'	<0.213	<0.024	<4.7	87	150	237	<60
		1'-2'	<0.207	<0.023	<4.6	95	160	255	110
		2'-3'	<0.207	<0.023	<4.6	140	230	370	<60
		3'-4'	<0.213	<0.024	<4.7	140	280	420	<60
		4'-5'	-	-	-	-	-	-	<61
		5'-6'	-	-	-	-	-	-	<61
North of SP2	2/8/2024	0-4'	<0.220	<0.024	<4.9	<9.9	<49	<63.8	<60
SP2	6/5/2023	0'-1'	<0.221	<0.025	<4.9	<10	<50	<64.9	<60
		1'-2'	<0.222	<0.025	<4.9	65	260	325	<60
		2'-3'	<0.224	<0.025	<5.0	480	720	1200	<60
		3'-4'	<0.216	<0.024	<4.8	89	200	289	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
	2/8/2024	surface	<0.215	<0.025	<4.8	<9.1	<46	<59.9	<60
		2'	<0.221	<0.025	<4.9	<8.9	<45	<58.8	<60
		4'	<0.216	<0.024	<4.8	<9.0	<45	<58.8	<60
		5'	<0.212	<0.024	<4.7	<9.0	<45	<58.7	<60
SP3	6/5/2023	0'-1'	<0.224	<0.025	<5.0	10	<47	10	<60
		1'-2'	<0.220	<0.024	<4.9	<9.8	<49	<63.7	<60
		2'-3'	<0.221	<0.025	<4.9	<9.9	<50	<64.8	<60
		3'-4'	<0.224	<0.025	<5.0	<9.8	<49	<63.8	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP4	6/5/2023	0'-1'	<0.225	<0.025	<5.0	<9.6	<48	<62.6	<61
		1'-2'	<0.220	<0.024	<4.9	<9.8	<49	<63.7	<60
		2'-3'	<0.222	<0.025	<4.9	<9.8	<49	<63.7	<60
		3'-4'	<0.222	<0.025	<4.9	<9.6	<48	<62.5	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60

Table 3: Summary of Sample Results

Burnett Oil Co., Inc  
Gissler B16 (nAPP2315143206)

SP5	6/5/2023	0'-1'	<0.224	<0.025	<5.0	<9.0	<45	<59	5000
		1'-2'	<0.220	<0.024	<4.9	<9.4	<47	<61.3	2600
		2'-3'	<0.216	<0.024	<4.8	<9.7	<49	<63.5	3900
		3'-4'	<0.225	<0.025	<5.0	<9.0	<45	<59	4900
		4'-5'	-	-	-	-	-	-	7300
		5'-6'	-	-	-	-	-	-	12000
	12/4/2023	0'-1'	<0.212	<0.024	<4.7	<9.4	<47	<61.1	<60
		1'-2'	<0.212	<0.024	<4.7	<8.7	<44	<57.4	<60
		2'-3'	<0.216	<0.024	<4.8	<9.4	<47	<61.2	<60
		3'-4'	<0.208	<0.023	<4.6	<8.8	<44	<57.4	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP6	6/5/2023	0'-1'	<0.219	<0.024	<4.9	<9.0	<45	<58.9	<59
		1'-2'	<0.208	<0.023	<4.6	<9.4	<47	<61	<59
		2'-3'	<0.224	<0.025	<5.0	<9.5	<47	<61.5	<60
		3'-4'	<0.207	<0.023	<4.6	<9.6	<48	<62.2	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP7	6/5/2023	0'-1'	<0.212	<0.024	<4.7	<9.8	<49	<63.5	<61
		1'-2'	<0.210	<0.023	<4.7	<9.4	<47	<61.1	<59
		2'-3'	<0.210	<0.023	<4.7	<9.8	<49	<63.5	<59
		3'-4'	<0.219	<0.024	<4.9	<9.9	<50	<64.8	<59
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP8	6/5/2023	0'-1'	<0.224	<0.025	<5.0	<8.9	<45	<58.9	3700
		1'-2'	<0.222	<0.025	<4.9	100	200	300	2900
		2'-3'	<0.219	<0.024	<4.9	<9.9	<50	<54.8	3900
		3'-4'	<0.213	<0.024	<4.7	<9.0	<45	<58.7	11000
		4'-5'	-	-	-	-	-	-	13000
		5'-6'	-	-	-	-	-	-	14000
	12/4/2023	0'-1'	<0.217	<0.024	<4.8	9.3	<47	9.3	220
		1'-2'	<0.207	<0.023	<4.6	18	64	82	250
		2'-3'	<0.216	<0.024	<4.8	200	320	520	80
		3'-4'	<0.219	<0.024	<4.9	200	350	550	170
		4'-5'	-	-	-	-	-	-	240
		5'-6'	-	-	-	-	-	-	<60
SP9	6/5/2023	0'-1'	<0.21	<0.023	<4.7	<9.9	<50	<64.6	<60
		1'-2'	<0.216	<0.024	<4.8	<9.5	<47	<61.3	88
		2'-3'	<0.207	<0.023	<4.6	82	250	332	86
		3'-4'	<0.213	<0.024	<4.7	170	470	640	<60
		4'-5'	<0.224	<0.025	<5.0	79	150	229	<60
		5'-6'	<0.219	<0.024	<4.9	54	110	164	<60

Table 3: Summary of Sample Results

Burnett Oil Co., Inc  
Gissler B16 (nAPP2315143206)

SP10	6/5/2023	0'-1'	<0.220	<0.024	<4.9	87	320	407	150
		1'-2'	<0.225	<0.025	<5.0	<9.3	<47	<61.3	150
		2'-3'	<0.220	<0.024	<4.9	<9.0	<45	<58.9	2900
		3'-4'	<0.221	<0.025	<4.9	<8.9	<45	<58.8	14000
		4'-5'	-	-	-	-	-	-	15000
		5'-6'	-	-	-	-	-	-	14000
	12/4/2023	0'-1'	<0.215	<0.024	<4.8	<9.6	<48	<62.4	270
		1'-2'	<0.208	<0.023	<4.6	<9.5	<48	<62.1	270
		2'-3'	<0.220	<0.024	<4.9	10	<46	10	350
		3'-4'	<0.208	<0.023	<4.6	18	58	76	330
		4'-5'	-	-	-	-	-	-	200
		5'-6'	-	-	-	-	-	-	230
SP11	6/5/2023	0'-1'	<0.221	<0.025	<4.9	<9.8	<49	<63.7	210
		1'-2'	<0.220	<0.024	<4.9	<9.9	<50	<64.8	<61
		2'-3'	<0.219	<0.024	<4.9	<9.4	<47	<61.3	<61
		3'-4'	<0.222	<0.025	<4.9	<1.0	<50	<55.9	<59
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP12	6/5/2023	0'-1'	<0.222	<0.025	<4.9	<9.4	<47	<61.3	<60
		1'-2'	<0.221	<0.025	<4.9	<9.8	<49	<63.7	<60
		2'-3'	<0.225	<0.025	<5.0	<9.9	<49	<63.9	<60
		3'-4'	<0.220	<0.024	<4.9	<9.4	<47	<61.3	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP13	6/5/2023	0'-1'	<0.224	<0.025	<5.0	<9.9	<50	<64.9	<59
		1'-2'	<0.224	<0.025	<5.0	<9.4	<47	<61.4	<60
		2'-3'	<0.217	<0.024	<4.8	<9.3	<47	<61.1	<61
		3'-4'	<0.219	<0.024	<4.9	<9.5	<47	<61.4	<61
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	360

Table 3: Summary of Sample Results

Burnett Oil Co., Inc  
Gissler B16 (nAPP2315143206)

SP14	6/5/2023	0'-1'	<0.222	<0.025	<4.9	<9.8	<49	<63.7	2900
		1'-2'	<0.224	<0.025	<5.0	<9.0	<45	<59	1000
		2'-3'	<0.221	<0.025	<4.9	<9.8	<49	<63.7	1600
		3'-4'	<0.220	<0.025	<4.9	<9.7	<49	<63.6	3800
		4'-5'	-	-	-	-	-	-	13000
		5'-6'	-	-	-	-	-	-	18000
	12/4/2023	0'-1'	<0.210	<0.023	<4.7	210	340	550	200
		1'-2'	<0.216	<0.024	<4.8	130	240	370	290
		2'-3'	<0.216	<0.024	<4.8	54	110	164	540
		3'-4'	0.217	<0.024	<4.8	33	64	97	310
		4'-5'	-	-	-	-	-	-	270
		5'-6'	-	-	-	-	-	-	120
SP15	6/5/2023	0'-1'	<0.221	<0.025	<4.9	<9.9	<49	<63.8	4200
		1'-2'	<0.222	<0.025	<4.9	<9.6	<48	<62.5	4500
		2'-3'	<0.219	<0.024	<4.9	<9.2	<46	<60.1	6200
		3'-4'	<0.212	<0.024	<4.7	<9.8	<49	<63.5	8300
		4'-5'	-	-	-	-	-	-	12000
		5'-6'	-	-	-	-	-	-	15000
	12/4/2023	0'-1'	<0.216	<0.024	<4.8	<9.3	<46	<60.1	5600
		1'-2'	<0.221	<0.025	<4.9	<9.3	<46	<60.2	2900
		2'-3'	<0.213	<0.024	<4.7	<10	<50	<64.7	5000
		3'-4'	<0.224	<0.025	<4.9	<9.3	<46	<60.2	3100
		4'-5'	-	-	-	-	-	-	8500
		5'-6'	-	-	-	-	-	-	5500
SP16	6/5/2023	0'-1'	<0.225	<0.025	<5.0	<9.4	<47	<61.4	5000
		1'-2'	<0.219	<0.024	<4.9	<9.6	<48	<62.5	7100
		2'-3'	<0.219	<0.024	<4.9	<9.2	<46	<60.1	8100
		3'-4'	<0.221	<0.025	<4.9	<9.7	<48	<62.6	9000
		4'-5'	-	-	-	-	-	-	10000
		5'-6'	-	-	-	-	-	-	6500
	12/4/2023	0'-1'	<0.216	<0.024	<4.8	<10	<50	<64.8	150
		1'-2'	<0.208	<0.023	<4.6	12	53	65	140
		2'-3'	<0.219	<0.024	<4.9	<9.9	<49	<63.8	150
		3'-4'	<0.216	<0.024	<4.8	<9.9	<49	<63.7	230
		4'-5'	-	-	-	-	-	-	110
		5'-6'	-	-	-	-	-	-	110

Table 3: Summary of Sample Results

Burnett Oil Co., Inc  
Gissler B16 (nAPP2315143206)

SP17	6/5/2023	0'-1'	<0.219	<0.024	<4.9	<9.2	<46	<60.1	<59
		1'-2'	<0.222	<0.025	<4.9	<9.3	<47	<61.2	<60
		2'-3'	<0.221	<0.025	<4.9	<9.4	<47	<61.3	<60
		3'-4'	<0.215	<0.024	<4.8	<9.4	<47	<61.2	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP18	6/5/2023	0'-1'	<0.211	<0.023	<4.7	<8.4	<42	<55.1	<59
		1'-2'	<0.224	<0.025	<5.0	<9.4	<47	<61.4	<59
		2'-3'	<0.224	<0.025	<5.0	<9.4	<47	<61.4	<61
		3'-4'	<0.221	<0.025	<4.9	<9.4	<47	<61.3	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP19	6/5/2023	0'-1'	<0.225	<0.025	<5.0	<10	<50	<65	<59
		1'-2'	<0.220	<0.024	<4.9	<9.5	<48	<62.40	<60
		2'-3'	<0.215	<0.024	<4.8	<9.3	<47	<61.10	<60
		3'-4'	<0.221	<0.025	<4.9	<9.1	<46	<60	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP20	6/5/2023	0'-1'	<0.219	<0.024	<4.9	<9.3	<46	<60.2	<60
		1'-2'	<0.220	<0.024	<4.9	<9.9	<49	<63.80	<60
		2'-3'	<0.225	<0.025	<5.0	<9.7	<49	<63.70	<60
		3'-4'	<0.224	<0.025	<5.0	<9.5	<47	<61.5	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP21	6/5/2023	0'-1'	<0.217	<0.024	<4.8	<9.5	<48	<62.30	870
		1'-2'	<0.224	<0.025	<5.0	<9.9	<49	<63.90	200
		2'-3'	<0.224	<0.023	<4.7	<9.3	<46	<60	370
		3'-4'	<0.213	<0.024	<4.7	<9.9	<49	<63.60	4900
		4'-5'	-	-	-	-	-	-	12000
		5'-6'	-	-	-	-	-	-	6500
	12/4/2023	0'-1'	<0.220	<0.024	<4.9	<9.6	<48	<62.5	3400
		1'-2'	<0.213	<0.024	<4.7	<9.7	<49	<63.4	990
		2'-3'	<0.207	<0.023	<4.6	<9.3	<46	<59.9	400
		3'-4'	<0.208	<0.023	<4.6	<9.4	<47	<61	560
		4'-5'	-	-	-	-	-	-	470
		5'-6'	-	-	-	-	-	-	460

Table 3: Summary of Sample Results

Burnett Oil Co., Inc  
Gissler B16 (nAPP2315143206)

SP22	6/5/2023	0'-1'	<0.217	<0.024	<4.8	<9.9	<49	<63.7	72
		1'-2'	<0.225	<0.025	<5.0	<9.6	<48	<62.6	<60
		2'-3'	<0.220	<0.024	<4.9	<10	<50	<64.90	<60
		3'-4'	<0.224	0.025	<5.0	<10	<50	<65	<61
		4'-5'	-	-	-	-	-	-	920
		5'-6'	-	-	-	-	-	-	10000
	12/4/2023	0'-1'	<0.211	<0.023	<4.7	<9.4	<47	<61.1	<61
		1'-2'	<0.220	<0.024	<4.9	<9.6	<48	<62.5	<59
		2'-3'	<0.217	<0.024	<4.8	<10	<50	<64.8	<60
		3'-4'	<0.207	<0.023	<4.6	<9.3	<47	<60.9	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP23	6/5/2023	0'-1'	<0.224	<0.025	<5.0	<9.5	<47	<61.5	<61
		1'-2'	<0.217	<0.024	<4.8	<9.6	<48	<62.4	<60
		2'-3'	<0.217	<0.024	<4.8	<9.6	<48	<62.4	<60
		3'-4'	<0.208	<0.023	<4.6	<9.7	<48	<62.3	<61
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP24	6/5/2023	0'-1'	<0.219	<0.024	<4.9	<9.7	<49	<63.6	<60
		1'-2'	<0.220	<0.024	<4.9	<9.2	<46	<60.1	<60
		2'-3'	<0.213	<0.024	<4.7	<9.6	<48	<62.5	<60
		3'-4'	<0.215	<0.024	<4.8	<9.7	<48	<62.5	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP25	6/5/2023	0'-1'	<0.225	<0.025	<5.0	<9.7	<48	<62.7	<60
		1'-2'	<0.216	<0.024	<4.8	<9.6	<48	<62.4	<60
		2'-3'	<0.225	<0.025	<5.0	<10	<50	<65	<60
		3'-4'	<0.216	<0.024	<4.8	<9.7	<48	<62.5	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP26	6/5/2023	0'-1'	<0.224	<0.025	<5.0	<10	<50	<65	<59
		1'-2'	<0.221	<0.025	<4.9	<10	<50	<64.9	<61
		2'-3'	<0.222	<0.025	<4.9	<9.6	<48	<62.5	<61
		3'-4'	<0.220	<0.024	<4.9	<9.1	<45	<59	<61
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60

Table 3: Summary of Sample Results

Burnett Oil Co., Inc  
Gissler B16 (nAPP2315143206)

SP27	6/5/2023	0'-1'	<0.224	<0.025	<5.0	18	71	89	<60
		1'-2'	<0.221	<0.025	<4.9	<9.6	<48	<62.5	<60
		2'-3'	<0.220	<0.024	<4.9	<9.8	<49	<63.7	<60
		3'-4'	<0.221	<0.025	<4.9	<9.4	<47	<61.3	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP28	6/5/2023	0'-1'	<0.222	<0.025	<4.9	9.6	<47	<61.5	<59
		1'-2'	<0.219	<0.024	<4.9	<9.5	<47	<61.4	<60
		2'-3'	<0.221	<0.025	<4.9	<9.4	<47	<61.3	<60
		3'-4'	<0.219	<0.024	<4.9	<9.7	<48	<62.6	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<59
SP29	6/5/2023	0'-1'	<0.221	<0.025	<4.9	<9.6	<48	<62.5	<60
		1'-2'	<0.216	<0.024	<4.8	<9.6	<48	<62.4	<60
		2'-3'	<0.222	<0.025	<4.9	<9.2	<46	<60.1	<60
		3'-4'	<0.219	<0.024	<4.9	<9.7	<49	<63.6	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<60
SP30	6/5/2023	0'-1'	<0.217	<0.024	<4.8	<9.9	<50	<64.7	<60
		1'-2'	<0.225	<0.025	<5.0	<9.6	<48	<62.6	<60
		2'-3'	<0.216	<0.024	<4.8	<9.5	<48	<62.3	<60
		3'-4'	<0.225	<0.025	<5.0	<9.3	<46	<60.3	<60
		4'-5'	-	-	-	-	-	-	<60
		5'-6'	-	-	-	-	-	-	<59

## **Attachment II**

### **Depth to Groundwater**

File No. **RA-13212****NEW MEXICO OFFICE OF THE STATE ENGINEER****WR-07 APPLICATION FOR PERMIT TO DRILL****A WELL WITH NO WATER RIGHT**

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:

☐Pollution Control  
And/Or Recovery☐

Ground Source Heat Pump

☐ Exploratory Well (Pump test)☐Construction Site/Public  
Works Dewatering☒

Other(Describe): Groundwater Determination

☐ Monitoring Well☐

Mine Dewatering

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☐ Temporary Request - Requested Start Date:

Requested End Date:

Plugging Plan of Operations Submitted? ☒ Yes ☐ No**1. APPLICANT(S)**

Name: Burnett Oil Co., Inc		Name:	
Contact or Agent:	check here if Agent <input type="checkbox"/>	Contact or Agent:	check here if Agent <input type="checkbox"/>
Bryan Burns			
Mailing Address: 87 Square Lake Rd.		Mailing Address:	
City: Loco Hills		City:	
State: NM	Zip Code: 88255	State:	Zip Code:
Phone: (575)706-5999	<input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell	Phone:	<input type="checkbox"/> Home <input type="checkbox"/> Cell
Phone (Work):		Phone (Work):	
E-mail (optional): wburns@burnettoil.com		E-mail (optional):	

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FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 11/17/16

File No.: <b>RA-13212-P001</b>	Trn. No.: <b>729271</b>	Receipt No.: <b>2-44788</b>
Trans Description (optional): <b>(TW-1)</b>		
Sub-Basin: <b>RA</b>	PCW/LOG Due Date: <b>7-11-2023</b>	

Page 1 of 3

**2. WELL(S)** Describe the well(s) applicable to this application.

**Location Required:** Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).

District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

☐ NM State Plane (NAD83) (Feet)

☐ NM West Zone

☐ NM East Zone

☐ NM Central Zone

☐ UTM (NAD83) (Meters)

☐ Zone 12N

☐ Zone 13N

☒ Lat/Long (WGS84) (to the nearest 1/10<sup>th</sup> of second)

Well Number (If known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
RA- 13212-POD1(TW-1)	103°56'32.19"W	32°50'37.93"N	NE SE SE Sec.11 T17S R30S NMPM

**NOTE:** If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)

Additional well descriptions are attached: ☐ Yes ☒ No If yes, how many \_\_\_\_\_

Other description relating well to common landmarks, streets, or other:

Gissler 3

Well is on land owned by: Bureau of Land Management

**Well Information:** **NOTE:** If more than one (1) well needs to be described, provide attachment. Attached? ☐ Yes ☒ No  
If yes, how many \_\_\_\_\_

Approximate depth of well (feet): 105

Outside diameter of well casing (inches): 2.375

Driller Name: Jackie D. Atkins

Driller License Number: 1249

**3. ADDITIONAL STATEMENTS OR EXPLANATIONS**

A Soil Boring to determine depth up to 105 feet. Temporary PVC well material will be placed to total depth and secured at surface. Temporary well will be in place for minimum of 72 hours. If ground water is encountered the boring will be plugged immediately using augers as tremie to land a slurry of Portland TYPE I/II Neat cement less than 6.0 gallons of water per 94 lb. sack. If no water is encountered then drill cuttings will be used to (10) ten feet of land surface and plugged using hydrated bentonite.

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Trm No.: 729271

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**4. SPECIFIC REQUIREMENTS:** The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

<b>Exploratory:</b> <input type="checkbox"/> Include a description of any proposed pump test, if applicable.	<b>Pollution Control and/or Recovery:</b> <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge.	<b>Construction De-Watering:</b> <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.	<b>Mine De-Watering:</b> <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water.
<b>Monitoring:</b> <input type="checkbox"/> Include the reason for the monitoring well, and, <input type="checkbox"/> The duration of the planned monitoring.	<input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	<b>Ground Source Heat Pump:</b> <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	<input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.

#### ACKNOWLEDGEMENT

I, We (name of applicant(s)), Bryan Burns (Burnett Oil Co., Inc)

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Bryan Burns

Bryan Burns (Jul 7, 2022 13:15 MDT)

Applicant Signature

Applicant Signature

#### ACTION OF THE STATE ENGINEER

This application is:

☒ approved

☐ partially approved

☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 11<sup>th</sup> day of July 20 22, for the State Engineer,

Mike Hamman P.E.

State Engineer

OSE DTI JUL 7 2022 PM 2:22

By: K. Parck  
Signature

Kashyap Parck  
Print

Title: Water Resource Manager  
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.:

RA-13212-P001

Tm No.:

729271

Page 3 of 3

**NEW MEXICO STATE ENGINEER OFFICE  
PERMIT TO EXPLORE**

**SPECIFIC CONDITIONS OF APPROVAL**

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: RA 13212 POD1

File Number: RA 13212

Trn Number: 729271

page: 1

**NEW MEXICO STATE ENGINEER OFFICE  
PERMIT TO EXPLORE**

**SPECIFIC CONDITIONS OF APPROVAL (Continued)**

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.  
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-C2 No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
- 17-G If artesian water is encountered, the well driller shall comply with all rules and regulations pertaining to the drilling and casing of artesian wells.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

Trn Desc: RA 13212 POD1

File Number: RA 13212

Trn Number: 729271

**NEW MEXICO STATE ENGINEER OFFICE  
PERMIT TO EXPLORE**

**SPECIFIC CONDITIONS OF APPROVAL (Continued)**

- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.
- LOG The Point of Diversion RA 13212 POD1 must be completed and the Well Log filed on or before 07/11/2023.

**ACTION OF STATE ENGINEER**

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 07/11/2022	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 11 day of Jul A.D., 2022

Mike A. Hamman, P.E., State Engineer

By: K. Parekh

KASHYAP PAREKH

Trn Desc: RA 13212 POD1

File Number: RA 13212  
Trn Number: 729271

page: 3

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Date/Time: 10/14/2021 13:33 PM

Page 1 Of 3

01 02-25-1920;041STAT0437;30USC226

Total Acres:  
40.000Serial Number  
NMNM 002746

Case Type 310781: O&amp;G RENEWAL LEASE - PD

Commodity 459: OIL &amp; GAS

Case Disposition: AUTHORIZED

Case File Juris:

Serial Number: NMNM-- - 002746

Name & Address				Int Rel		% Interest
BURNETT OIL CO	801 CHERRY ST #1500 UNIT #9	FORT WORTH	TX	761026881	OPERATING RIGHTS	0.000000000
OXY Y-1 CO	5 GREENWAY PLZ STE 110	HOUSTON	TX	770460521	LESSEE	3.094000000
WINDFOHR R F ESTATE	801 CHERRY ST STE 1500	FORT WORTH	TX	761026815	LESSEE	7.798000000
EOG RESOURCES INC	1111 BAGBY ST LBBY 2	HOUSTON	TX	770022589	LESSEE	54.120000000
EOG RESOURCES INC	1111 BAGBY ST LBBY 2	HOUSTON	TX	770022589	OPERATING RIGHTS	0.000000000
TANDY ANNE B ESTATE	801 CHERRY ST STE 1500	FORT WORTH	TX	761026815	LESSEE	27.315000000
WINDFOHR ANNE B	801 CHERRY ST STE 1500	FORT WORTH	TX	761026815	LESSEE	2.475000000
OLLIE L BURNETT TRUST	801 CHERRY ST #1500	FORT WORTH	TX	761026869	LESSEE	5.198000000

Serial Number: NMNM-- - 002746

Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0170S	0300E	011	ALIQ				SWSE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

## Relinquished/Withdrawn Lands

Serial Number: NMNM-- - 002746

Serial Number: NMNM-- - 002746

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
06/30/1930	387	CASE ESTABLISHED		
06/30/1930	496	FUND CODE	05;145003	
06/30/1930	868	EFFECTIVE DATE		
08/01/1967	209	CASE CREATED BY SEGR	OUT OF NMLC029338A;	
03/31/1970	940	NAME CHANGE RECOGNIZED	WINDFOHR ANNE BURNETT	
06/01/1970	242	LEASE RENEWED	THRU 05/31/80;	
06/01/1980	242	LEASE RENEWED	THRU 05/31/90;	
05/21/1982	111	RENTAL RECEIVED	\$40.00;1YR/82-83	
05/27/1982	140	ASGN FILED	ALLIED/UNION TX	
06/10/1982	139	ASGN APPROVED	EFF 06/01/82;	
05/19/1983	111	RENTAL RECEIVED	\$40.00;1YR/83-84	
03/15/1984	909	BOND ACCEPTED	EFF 02/09/84;NM0509	
05/29/1984	111	RENTAL RECEIVED	\$0;84-85	

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**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Date/Time: 10/14/2021 13:33 PM

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Serial Number: NMNM-- - 002746

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
05/06/1985	111	RENTAL RECEIVED	\$0;85-86	
05/09/1986	111	RENTAL RECEIVED	\$0;86-87	
06/26/1986	650	HELD BY PROD - ACTUAL	LQG	
06/26/1986	658	MEMO OF 1ST PROD-ACTUAL		
05/11/1987	963	CASE MICROFILMED/SCANNED	CNUM 560,611 RW	
04/17/1990	314	RENEWAL APLN FILED		
06/01/1990	242	LEASE RENEWED	THRU 05/31/00;	
06/01/1990	530	RLTY RATE - 12 1/2%	/A/	
06/01/1990	868	EFFECTIVE DATE		
06/08/1990	974	AUTOMATED RECORD VERIF	RAO/MT	
09/10/1990	974	AUTOMATED RECORD VERIF	HKG/MT	
10/08/1991	140	ASGN FILED	UNION TX/MERIDIAN	
02/24/1992	139	ASGN APPROVED	EFF 11/01/91;	
02/24/1992	974	AUTOMATED RECORD VERIF	AR/KRP	
03/23/1992	940	NAME CHANGE RECOGNIZED	PHILLIPS/WINDFOHR	
04/22/1992	974	AUTOMATED RECORD VERIF	BC/JS	
07/07/1992	974	AUTOMATED RECORD VERIF	LO/MV	
11/18/1992	974	AUTOMATED RECORD VERIF	ANN	
12/09/1992	974	AUTOMATED RECORD VERIF	ANN/KRP	
01/15/1993	625	RLTY REDUCTION APPV	/1/	
02/01/1994	974	AUTOMATED RECORD VERIF	MV/MV	
07/18/1994	932	TRF OPER RGTS FILED	MERIDIAN/BURNETT OIL	
11/23/1994	933	TRF OPER RGTS APPROVED	EFF 08/01/94;	
11/23/1994	974	AUTOMATED RECORD VERIF	JLV	
05/20/1996	817	MERGER RECOGNIZED	EL PASO PROD/MERIDIAN	
05/20/1996	817	MERGER RECOGNIZED	MERIDIAN PRO/MERIDIAN	
05/20/1996	817	MERGER RECOGNIZED	SOUTHLAND/MERIDIAN	
05/20/1996	974	AUTOMATED RECORD VERIF	BTM	
09/18/1996	940	NAME CHANGE RECOGNIZED	MERIDIAN/BURLINGTON	
07/07/1997	974	AUTOMATED RECORD VERIF	TF/TF	
07/24/1998	140	ASGN FILED	BURLINGTON/ENRON	
07/24/1998	932	TRF OPER RGTS FILED	BURLINGTON/ENRON	
08/13/1998	139	ASGN APPROVED	EFF 08/01/98;	
08/13/1998	933	TRF OPER RGTS APPROVED	EFF 08/01/98;	
08/13/1998	974	AUTOMATED RECORD VERIF	LR	
08/30/1999	817	MERGER RECOGNIZED	EOG RES/ENRON O&G CO	
08/30/1999	940	NAME CHANGE RECOGNIZED	ENRON O&G CO/EOG RES	
05/02/2000	314	RENEWAL APLN FILED		
06/01/2000	242	LEASE RENEWED	THRU 05/31/2020;	

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**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Date/Time: 10/14/2021 13:33 PM

Page 3 Of 3

Serial Number: NMNM-- - 002746

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
06/01/2000	530	RLTY RATE - 12 1/2%	/A/	
06/01/2000	868	EFFECTIVE DATE	LAST RENEWAL	
02/01/2006	630	RLTY REDUCTION LIFTED		
05/12/2011	940	NAME CHANGE RECOGNIZED	YATES DRL CO/OXY Y-1	
12/01/2016	940	NAME CHANGE RECOGNIZED	ABO PETRO/EOG A RESOU	
12/01/2016	940	NAME CHANGE RECOGNIZED	YATES PETRO/EOG Y RES	
12/01/2016	940	NAME CHANGE RECOGNIZED	MYCO INDUST/EOG M RES	
01/01/2019	817	MERGER RECOGNIZED	EOG Y/EOG RESOURCE IN	
01/01/2019	817	MERGER RECOGNIZED	EOG A/EOG RESOURCE IN	
01/01/2019	817	MERGER RECOGNIZED	EOG M/EOG RESOURCE IN	
08/23/2019	932	TRF OPER RGTS FILED	WINDFOHR/AWM MANAG;1	
01/07/2020	933	TRF OPER RGTS APPROVED	EFF 09/01/19;	
01/07/2020	974	AUTOMATED RECORD VERIF	EMR	
01/26/2021	932	TRF OPER RGTS FILED	AWM MANAG/BURNETT O;1	
07/19/2021	140	ASGN FILED	ANN BURNE/AWM MANAG;1	FLUIDS TEAM
07/22/2021	933	TRF OPER RGTS APPROVED	EFF 02/01/21;	
07/22/2021	974	AUTOMATED RECORD VERIF	DLC	

Line Number	Remark Text	Serial Number: NMNM-- - 002746
0002	AC 535 ROYALTY RATE 5% EFF 6/30/1930 THRU 5/31/1950	
0003	AC 549 RLTY RATE 12.5-25% SCH C EFF 6/1/1950 THRU	
0004	5/31/1990. AC 530 RLTY RATE 12-1/2% EFF 6/1/1990	
0005	THRU 5/31/2020.	
0008	BONDED OPERATOR -	
0009	08/13/1998 - BURNETT OIL INC CO - NM2652 - S/W;	
0010	BONDED OPERATORS/LESSEES/TRANSFEREES:	
0011	01/07/2020 - EOG RESOURCES INC - NM2308 - N/W;	
0012	07/22/2021 - BURNETT OIL CO - BONDED NM000197 SW;	

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Form 3100-11  
(June 1988)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Serial No.

NM NM 2746

## OFFER TO LEASE AND LEASE FOR OIL AND GAS

The undersigned (reverse) offers to lease all or any of the lands in Item 2 that are available for lease pursuant to the Mineral Leasing Act of 1920, as amended and supplemented (30 U.S.C. 181 et seq.), the Mineral Leasing Act for Acquired Lands of 1947, as amended (30 U.S.C. 351-359), the Attorney General's Opinion of April 2, 1941 (40 Op. Atty. Gen. 41), or the

## READ INSTRUCTIONS BEFORE COMPLETING

Name 1) Anne Burnett Tandy Testamentary Trust-27.315% 5) Anne B. Windfohr (formerly Anne W. Phillips)-2.475%  
Street (formerly Anne B. Tandy Estate) 6) Yates Drilling Company - 3.094%  
City, State, Zip 2) Union Texas Petroleum Corporation-29.876% 7) Abo Petroleum Corporation - 3.094%  
3) Robert F. Windfohr Testamentary Trust-7.798% 8) Myco Industries Inc. - 3.094%  
4) Ollie L. Burnett Testamentary Trust-5.198% 9) Yates Petroleum Corp. - 18.056%

2. This application/offer/lease is for: (Check only One) ☐ PUBLIC DOMAIN LANDS☐ ACQUIRED LANDS (percent U.S. interest \_\_\_\_\_)

Surface managing agency if other than BLM: \_\_\_\_\_ Unit/Project \_\_\_\_\_

Legal description of land requested: \_\_\_\_\_ \*Parcel No.: \_\_\_\_\_ \*Sale Date (m/d/y): \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

\*SEE ITEM 2 IN INSTRUCTIONS BELOW PRIOR TO COMPLETING PARCEL NUMBER AND SALE DATE.

T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_ State \_\_\_\_\_ County \_\_\_\_\_

Amount remitted: Filing fee \$ \_\_\_\_\_

Rental fee \$ \_\_\_\_\_

Total acres applied for \_\_\_\_\_

Total \$ \_\_\_\_\_

DO NOT WRITE BELOW THIS LINE

3. Land included in lease:

T. 17S R. 30E Meridian NMPM State NM County EDDY

Section 11: SW/4 SE/4

USE DTJ JUL 7 2022 PM 2:23

Total acres in lease 40.00

Rental retained \$ \_\_\_\_\_

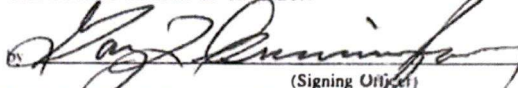
This lease is issued granting the exclusive right to drill for, mine, extract, remove and dispose of all the oil and gas (except helium) in the lands described in Item 3 together with the right to build and maintain necessary improvements thereupon for the term indicated below, subject to renewal or extension in accordance with the appropriate leasing authority. Rights granted are subject to applicable laws, the terms, conditions, and attached stipulations of this lease, the Secretary of the Interior's regulations and formal orders in effect as of lease issuance, and to regulations and formal orders hereafter promulgated when not inconsistent with lease rights granted or specific provisions of this lease.

~~(Note: This lease is issued to the high bidder pursuant to the bid duly executed and or nomination form submitted under 43 CFR 3120 and is subject to the provisions of that bid or nomination and those specified on this form.)~~

Type and primary term of lease:

☐ Noncompetitive lease (ten years)☐ Competitive lease (five years)☒ Other RENEWAL (10 YEARS)

THE UNITED STATES OF AMERICA



Acting CHIEF LEASE MAINTENANCE UNIT

(Title)

JUN 11 1990

(Date)

EFFECTIVE DATE OF LEASE

JUN 1 1990

(Continued on reverse)



2904 W 2nd St.  
Roswell, NM 88201  
voice: 575.624.2420  
fax: 575.624.2421  
[www.atkinseng.com](http://www.atkinseng.com)

July 7<sup>th</sup> 2022

DII-NMOSE  
1900 W 2<sup>nd</sup> Street  
Roswell, NM 88201

*Hand Delivered to the DII Office of the State Engineer*

Re: Application to Drill a Well with No Water Right for Groundwater Determination

To whom it may concern:

Atkins Engineering Associates, Inc. (AEA) has been contracted by Burnett Oil to install one (1) Soil boring/temporary monitoring well at 32°50'37.93"N 103°56'32.19"W at Gissler 3 in Eddy County, NM.

Please find, in triplicate, an *Application to Drill a Well with No Water Right and Plugging Plan of Operation and land lease agreement*

A check is attached for \$5.00 to process the application.

Please email copy of approved permit to [lucas@atkinseng.com](mailto:lucas@atkinseng.com)

If you, have any questions, please contact me at 575.499.9244 or [lucas@atkinseng.com](mailto:lucas@atkinseng.com).

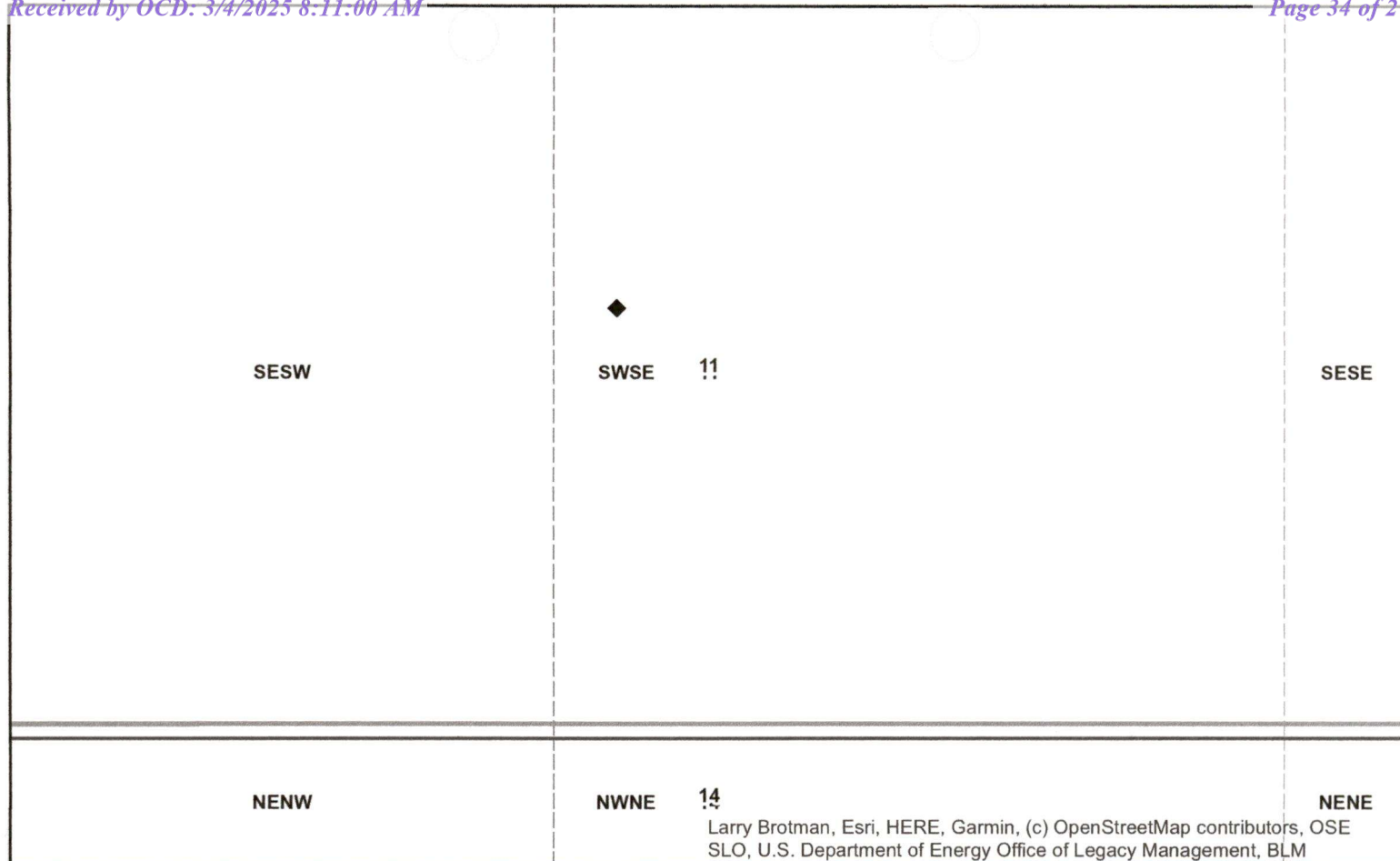
Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton".

Lucas Middleton  
[lucas@atkinseng.com](mailto:lucas@atkinseng.com)

Enclosures: As noted above.

OSE DT JUL 7 2022 PM 2:19

**Coordinates****UTM - NAD 83 (m) - Zone 13**

Easting 598985.129

Northing 3634473.480

**State Plane - NAD 83 (f) - Zone E**

Easting 661440.763

Northing 670953.153

**Degrees Minutes Seconds**

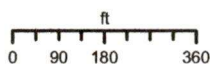
Latitude 32 : 50 : 37.930000

Longitude -103 : 56 : 32.190000

Location pulled from Coordinate Search

**NEW MEXICO OFFICE  
OF THE  
STATE ENGINEER**

1:4,514



N



MA

7/11/2022



Reasonable efforts have been made by the New Mexico Office of the State Engineer (OSE) to verify that these maps accurately interpret the source data used in their preparation; however, a degree of error is inherent in all maps, and these maps may contain omissions and errors in scale, resolution, rectification, positional accuracy, development methodology, interpretation of source data, and other circumstances. These maps are distributed "as is" without warranty of any kind.

**Spatial Information****County:** Eddy**Groundwater Basin:** Roswell**Abstract Area:** Roswell Artesian**Land Grant:****Not in Land Grant****Restrictions:****NA****PLSS Description****SWNWSWSE Qtr of Sec 11 of 017S 030E**

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

**Parcel Information****UPC/DocNum:** 4179098264264**Parcel Owner:** Bureau Of Land**Address:** null null null

**Legal:** Quarter: Ne S: 11 T: 17S R: 30E Quarter: Nw S: 11 T: 17S R: 30E Quarter: Sw S: 11 T: 17S R: 30E Quarter: Se S: 11 T: 17S R: 30E All Map# 98-11 Loc Artesia Exempt

**POD Information****Owner:** SPUR ENERGY PARTNERS**File Number:****POD Status:** NoData**Permit Status:** NoData**Permit Use:** NoData**Purpose:** MONITORING

◆ Coord Search Location



SiteBoundaries



PLSSSecond...

OSE District Boundary



Sections



BLM Land Grant



PLSSTownship



PLSSFirstDiv...

Counties

Lincoln County  
Parcels 2021

Mike A. Hamman, P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

**STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 729271  
File Nbr: RA 13212

Jul. 11, 2022

BRYAN BURNS  
BURNETT OIL CO INC  
87 SPUARE LAKE RD  
LOCO HILLS, NM 88255

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- \* If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- \* If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- \* The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- \* This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website [www.ose.state.nm.us](http://www.ose.state.nm.us).

Sincerely,

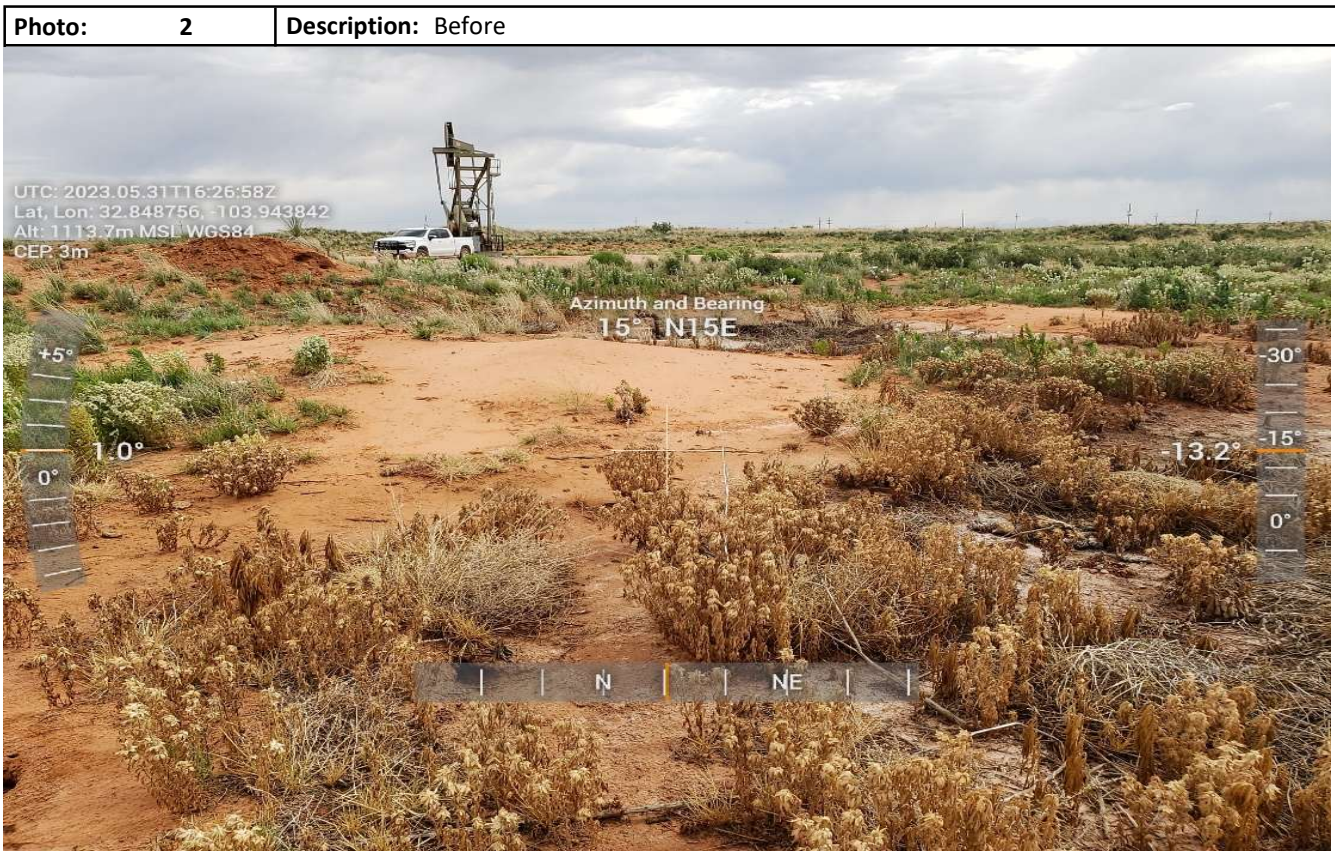
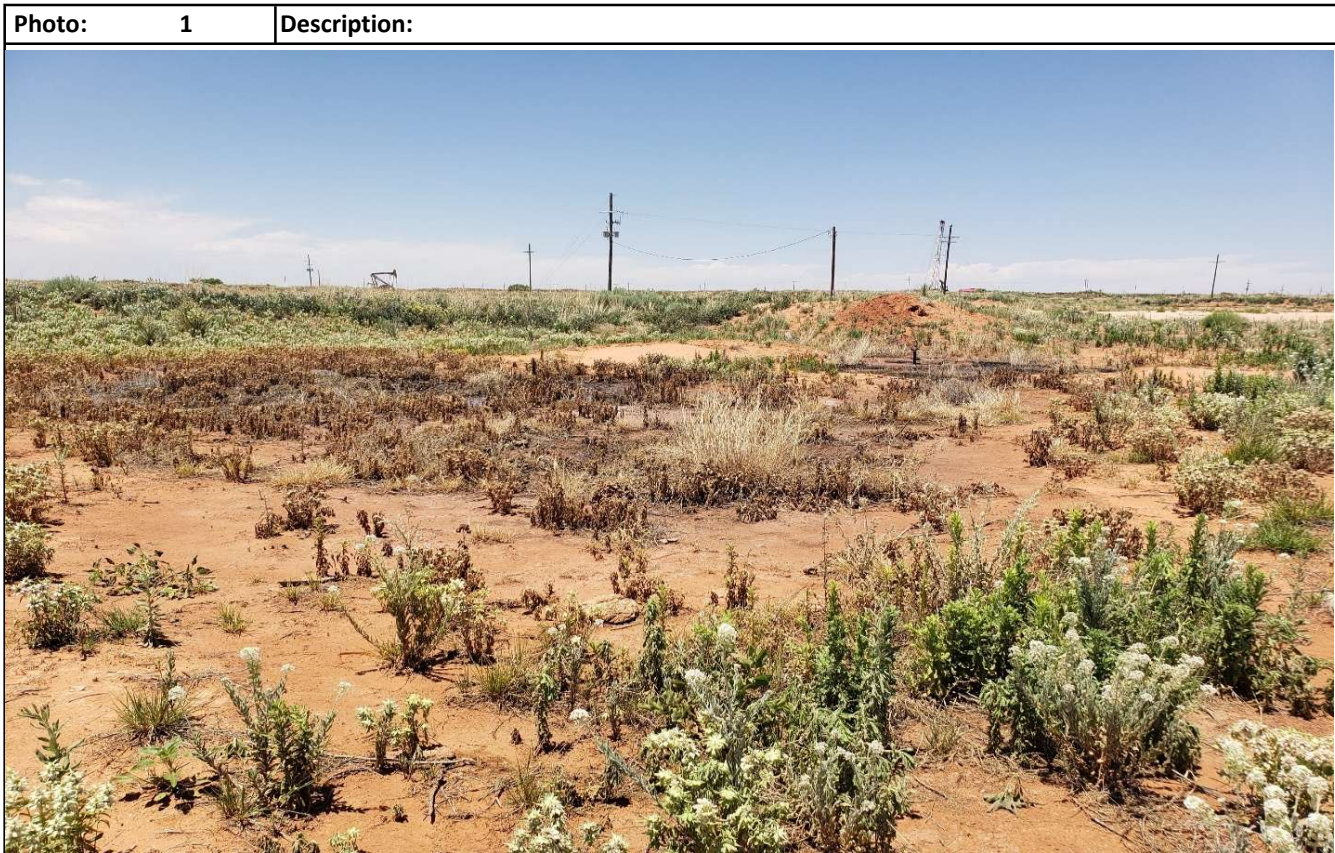
A handwritten signature in black ink, appearing to read "Maret Amaral".

Maret Amaral  
(575) 622-6521

Enclosure

explore

## Photographs



## Photographs





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

July 05, 2023

Bryan Burns  
Burnett Oil Co Inc  
PO Box 188  
Loco Hills, NM 88255  
TEL: (432) 425-2891  
FAX:

RE: GB16 WL 6 5 23

OrderNo.: 2306247

Dear Bryan Burns:

Hall Environmental Analysis Laboratory received 180 sample(s) on 6/7/2023 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-001

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	460	59		mg/Kg	20	6/12/2023 4:59:02 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	220	9.8		mg/Kg	1	6/9/2023 6:25:49 AM	75449
Motor Oil Range Organics (MRO)	160	49		mg/Kg	1	6/9/2023 6:25:49 AM	75449
Surr: DNOP	90.0	69-147		%Rec	1	6/9/2023 6:25:49 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	6/15/2023 8:35:00 AM	75430
Surr: BFB	106	15-244		%Rec	5	6/15/2023 8:35:00 AM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.12		mg/Kg	5	6/15/2023 8:35:00 AM	75430
Toluene	ND	0.24		mg/Kg	5	6/15/2023 8:35:00 AM	75430
Ethylbenzene	ND	0.24		mg/Kg	5	6/15/2023 8:35:00 AM	75430
Xylenes, Total	ND	0.49		mg/Kg	5	6/15/2023 8:35:00 AM	75430
Surr: 4-Bromofluorobenzene	94.4	39.1-146		%Rec	5	6/15/2023 8:35:00 AM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-002

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	250	60		mg/Kg	20	6/12/2023 5:11:26 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	66	8.6		mg/Kg	1	6/9/2023 6:49:27 AM	75449
Motor Oil Range Organics (MRO)	91	43		mg/Kg	1	6/9/2023 6:49:27 AM	75449
Surr: DNOP	90.2	69-147		%Rec	1	6/9/2023 6:49:27 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2023 11:14:00 AM	75430
Surr: BFB	106	15-244		%Rec	1	6/15/2023 11:14:00 AM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/15/2023 11:14:00 AM	75430
Toluene	ND	0.050		mg/Kg	1	6/15/2023 11:14:00 AM	75430
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2023 11:14:00 AM	75430
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 11:14:00 AM	75430
Surr: 4-Bromofluorobenzene	94.5	39.1-146		%Rec	1	6/15/2023 11:14:00 AM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-003

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	90	60		mg/Kg	20	6/12/2023 5:23:51 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	68	8.7		mg/Kg	1	6/9/2023 7:13:09 AM	75449
Motor Oil Range Organics (MRO)	96	43		mg/Kg	1	6/9/2023 7:13:09 AM	75449
Surr: DNOP	90.0	69-147		%Rec	1	6/9/2023 7:13:09 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/15/2023 11:36:00 AM	75430
Surr: BFB	103	15-244		%Rec	1	6/15/2023 11:36:00 AM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/15/2023 11:36:00 AM	75430
Toluene	ND	0.048		mg/Kg	1	6/15/2023 11:36:00 AM	75430
Ethylbenzene	ND	0.048		mg/Kg	1	6/15/2023 11:36:00 AM	75430
Xylenes, Total	ND	0.097		mg/Kg	1	6/15/2023 11:36:00 AM	75430
Surr: 4-Bromofluorobenzene	94.1	39.1-146		%Rec	1	6/15/2023 11:36:00 AM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-004

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	350	60		mg/Kg	20	6/12/2023 5:36:15 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	22	10		mg/Kg	1	6/9/2023 7:36:50 AM	75449
Motor Oil Range Organics (MRO)	58	50		mg/Kg	1	6/9/2023 7:36:50 AM	75449
Surr: DNOP	89.2	69-147		%Rec	1	6/9/2023 7:36:50 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 11:58:00 AM	75430
Surr: BFB	101	15-244		%Rec	1	6/15/2023 11:58:00 AM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/15/2023 11:58:00 AM	75430
Toluene	ND	0.049		mg/Kg	1	6/15/2023 11:58:00 AM	75430
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 11:58:00 AM	75430
Xylenes, Total	ND	0.098		mg/Kg	1	6/15/2023 11:58:00 AM	75430
Surr: 4-Bromofluorobenzene	95.4	39.1-146		%Rec	1	6/15/2023 11:58:00 AM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-007

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/12/2023 6:38:17 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/9/2023 1:40:12 AM	75449
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/9/2023 1:40:12 AM	75449
Surr: DNOP	74.8	69-147		%Rec	1	6/9/2023 1:40:12 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 12:19:00 PM	75430
Surr: BFB	100	15-244		%Rec	1	6/15/2023 12:19:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/15/2023 12:19:00 PM	75430
Toluene	ND	0.049		mg/Kg	1	6/15/2023 12:19:00 PM	75430
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 12:19:00 PM	75430
Xylenes, Total	ND	0.098		mg/Kg	1	6/15/2023 12:19:00 PM	75430
Surr: 4-Bromofluorobenzene	95.1	39.1-146		%Rec	1	6/15/2023 12:19:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-008

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/12/2023 6:50:42 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	65	9.5		mg/Kg	1	6/14/2023 5:41:45 PM	75449
Motor Oil Range Organics (MRO)	260	48		mg/Kg	1	6/14/2023 5:41:45 PM	75449
Surr: DNOP	101	69-147		%Rec	1	6/14/2023 5:41:45 PM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 12:41:00 PM	75430
Surr: BFB	107	15-244		%Rec	1	6/15/2023 12:41:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/15/2023 12:41:00 PM	75430
Toluene	ND	0.049		mg/Kg	1	6/15/2023 12:41:00 PM	75430
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 12:41:00 PM	75430
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 12:41:00 PM	75430
Surr: 4-Bromofluorobenzene	94.1	39.1-146		%Rec	1	6/15/2023 12:41:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-009  
Matrix: SOIL  
Client Sample ID: Sp2 2-3  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 7:03:06 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	480	92		mg/Kg	10	6/9/2023 5:14:55 AM	75449
Motor Oil Range Organics (MRO)	720	460		mg/Kg	10	6/9/2023 5:14:55 AM	75449
Surr: DNOP	0	69-147	S	%Rec	10	6/9/2023 5:14:55 AM	75449
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2023 1:03:00 PM	75430
Surr: BFB	105	15-244		%Rec	1	6/15/2023 1:03:00 PM	75430
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/15/2023 1:03:00 PM	75430
Toluene	ND	0.050		mg/Kg	1	6/15/2023 1:03:00 PM	75430
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2023 1:03:00 PM	75430
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 1:03:00 PM	75430
Surr: 4-Bromofluorobenzene	96.3	39.1-146		%Rec	1	6/15/2023 1:03:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-010

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/12/2023 7:15:31 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	89	9.4		mg/Kg	1	6/14/2023 6:23:55 PM	75449
Motor Oil Range Organics (MRO)	200	47		mg/Kg	1	6/14/2023 6:23:55 PM	75449
Surr: DNOP	115	69-147		%Rec	1	6/14/2023 6:23:55 PM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/15/2023 1:25:00 PM	75430
Surr: BFB	106	15-244		%Rec	1	6/15/2023 1:25:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/15/2023 1:25:00 PM	75430
Toluene	ND	0.048		mg/Kg	1	6/15/2023 1:25:00 PM	75430
Ethylbenzene	ND	0.048		mg/Kg	1	6/15/2023 1:25:00 PM	75430
Xylenes, Total	ND	0.096		mg/Kg	1	6/15/2023 1:25:00 PM	75430
Surr: 4-Bromofluorobenzene	98.2	39.1-146		%Rec	1	6/15/2023 1:25:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-011

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 7:52:45 PM	75530

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-013

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/12/2023 8:17:34 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	10	9.5		mg/Kg	1	6/9/2023 8:00:32 AM	75449
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/9/2023 8:00:32 AM	75449
Surr: DNOP	93.4	69-147		%Rec	1	6/9/2023 8:00:32 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2023 1:47:00 PM	75430
Surr: BFB	105	15-244		%Rec	1	6/15/2023 1:47:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/15/2023 1:47:00 PM	75430
Toluene	ND	0.050		mg/Kg	1	6/15/2023 1:47:00 PM	75430
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2023 1:47:00 PM	75430
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 1:47:00 PM	75430
Surr: 4-Bromofluorobenzene	97.1	39.1-146		%Rec	1	6/15/2023 1:47:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-014

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/12/2023 8:54:49 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/9/2023 1:51:02 AM	75449
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/9/2023 1:51:02 AM	75449
Surr: DNOP	79.4	69-147		%Rec	1	6/9/2023 1:51:02 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 2:09:00 PM	75430
Surr: BFB	105	15-244		%Rec	1	6/15/2023 2:09:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/15/2023 2:09:00 PM	75430
Toluene	ND	0.049		mg/Kg	1	6/15/2023 2:09:00 PM	75430
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 2:09:00 PM	75430
Xylenes, Total	ND	0.098		mg/Kg	1	6/15/2023 2:09:00 PM	75430
Surr: 4-Bromofluorobenzene	97.2	39.1-146		%Rec	1	6/15/2023 2:09:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-015

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/12/2023 9:07:13 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/9/2023 2:12:42 AM	75449
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/9/2023 2:12:42 AM	75449
Surr: DNOP	81.9	69-147		%Rec	1	6/9/2023 2:12:42 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 2:30:00 PM	75430
Surr: BFB	106	15-244		%Rec	1	6/15/2023 2:30:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/15/2023 2:30:00 PM	75430
Toluene	ND	0.049		mg/Kg	1	6/15/2023 2:30:00 PM	75430
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 2:30:00 PM	75430
Xylenes, Total	ND	0.098		mg/Kg	1	6/15/2023 2:30:00 PM	75430
Surr: 4-Bromofluorobenzene	96.4	39.1-146		%Rec	1	6/15/2023 2:30:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-016

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/12/2023 9:19:37 PM	75530
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/9/2023 5:53:54 PM	75449
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/9/2023 5:53:54 PM	75449
Surr: DNOP	82.2	69-147		%Rec	1	6/9/2023 5:53:54 PM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2023 3:14:00 PM	75430
Surr: BFB	104	15-244		%Rec	1	6/15/2023 3:14:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/15/2023 3:14:00 PM	75430
Toluene	ND	0.050		mg/Kg	1	6/15/2023 3:14:00 PM	75430
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2023 3:14:00 PM	75430
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 3:14:00 PM	75430
Surr: 4-Bromofluorobenzene	98.4	39.1-146		%Rec	1	6/15/2023 3:14:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-017

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 9:32:01 PM	75530

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-020  
Matrix: SOIL  
Client Sample ID: Sp4 1-2  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 5:20:05 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/9/2023 2:45:08 AM	75449
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/9/2023 2:45:08 AM	75449
Surr: DNOP	72.2	69-147		%Rec	1	6/9/2023 2:45:08 AM	75449
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 3:58:00 PM	75430
Surr: BFB	103	15-244		%Rec	1	6/15/2023 3:58:00 PM	75430
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/15/2023 3:58:00 PM	75430
Toluene	ND	0.049		mg/Kg	1	6/15/2023 3:58:00 PM	75430
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 3:58:00 PM	75430
Xylenes, Total	ND	0.098		mg/Kg	1	6/15/2023 3:58:00 PM	75430
Surr: 4-Bromofluorobenzene	97.8	39.1-146		%Rec	1	6/15/2023 3:58:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-021

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 5:32:26 PM	75535
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/9/2023 2:55:58 AM	75449
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/9/2023 2:55:58 AM	75449
Surr: DNOP	71.4	69-147		%Rec	1	6/9/2023 2:55:58 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 4:20:00 PM	75430
Surr: BFB	106	15-244		%Rec	1	6/15/2023 4:20:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/15/2023 4:20:00 PM	75430
Toluene	ND	0.049		mg/Kg	1	6/15/2023 4:20:00 PM	75430
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 4:20:00 PM	75430
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 4:20:00 PM	75430
Surr: 4-Bromofluorobenzene	98.4	39.1-146		%Rec	1	6/15/2023 4:20:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-022

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 6:09:28 PM	75535
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/9/2023 3:06:49 AM	75449
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/9/2023 3:06:49 AM	75449
Surr: DNOP	72.8	69-147		%Rec	1	6/9/2023 3:06:49 AM	75449
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 4:42:00 PM	75430
Surr: BFB	106	15-244		%Rec	1	6/15/2023 4:42:00 PM	75430
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/15/2023 4:42:00 PM	75430
Toluene	ND	0.049		mg/Kg	1	6/15/2023 4:42:00 PM	75430
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 4:42:00 PM	75430
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 4:42:00 PM	75430
Surr: 4-Bromofluorobenzene	97.5	39.1-146		%Rec	1	6/15/2023 4:42:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: JMT

Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-024  
Matrix: SOIL  
Client Sample ID: Sp4 5-6  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 6:34:10 PM	75535

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-025  
Matrix: SOIL  
Client Sample ID: Sp5 0-1  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	5000	150		mg/Kg	50	6/20/2023 6:51:36 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/9/2023 8:24:13 AM	75449
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/9/2023 8:24:13 AM	75449
Surr: DNOP	87.3	69-147		%Rec	1	6/9/2023 8:24:13 AM	75449
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2023 5:04:00 PM	75430
Surr: BFB	108	15-244		%Rec	1	6/15/2023 5:04:00 PM	75430
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/15/2023 5:04:00 PM	75430
Toluene	ND	0.050		mg/Kg	1	6/15/2023 5:04:00 PM	75430
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2023 5:04:00 PM	75430
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 5:04:00 PM	75430
Surr: 4-Bromofluorobenzene	100	39.1-146		%Rec	1	6/15/2023 5:04:00 PM	75430

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-026

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	2600	150		mg/Kg	50	6/20/2023 7:28:49 PM	75535
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/10/2023 2:33:57 PM	75443
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 2:33:57 PM	75443
Surr: DNOP	85.8	69-147		%Rec	1	6/10/2023 2:33:57 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 6:31:00 PM	75432
Surr: BFB	103	15-244		%Rec	1	6/15/2023 6:31:00 PM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/15/2023 6:31:00 PM	75432
Toluene	ND	0.049		mg/Kg	1	6/15/2023 6:31:00 PM	75432
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 6:31:00 PM	75432
Xylenes, Total	ND	0.098		mg/Kg	1	6/15/2023 6:31:00 PM	75432
Surr: 4-Bromofluorobenzene	96.8	39.1-146		%Rec	1	6/15/2023 6:31:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-027  
Matrix: SOIL  
Client Sample ID: Sp5 2-3  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	3900	150		mg/Kg	50	6/20/2023 7:04:00 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 3:22:16 PM	75443
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 3:22:16 PM	75443
Surr: DNOP	86.6	69-147		%Rec	1	6/10/2023 3:22:16 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/15/2023 7:37:00 PM	75432
Surr: BFB	101	15-244		%Rec	1	6/15/2023 7:37:00 PM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/15/2023 7:37:00 PM	75432
Toluene	ND	0.048		mg/Kg	1	6/15/2023 7:37:00 PM	75432
Ethylbenzene	ND	0.048		mg/Kg	1	6/15/2023 7:37:00 PM	75432
Xylenes, Total	ND	0.096		mg/Kg	1	6/15/2023 7:37:00 PM	75432
Surr: 4-Bromofluorobenzene	96.4	39.1-146		%Rec	1	6/15/2023 7:37:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-028

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	4900	150		mg/Kg	50	6/20/2023 7:16:25 PM	75535
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/10/2023 3:46:25 PM	75443
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/10/2023 3:46:25 PM	75443
Surr: DNOP	80.6	69-147		%Rec	1	6/10/2023 3:46:25 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2023 8:43:00 PM	75432
Surr: BFB	101	15-244		%Rec	1	6/15/2023 8:43:00 PM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/15/2023 8:43:00 PM	75432
Toluene	ND	0.050		mg/Kg	1	6/15/2023 8:43:00 PM	75432
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2023 8:43:00 PM	75432
Xylenes, Total	ND	0.10		mg/Kg	1	6/15/2023 8:43:00 PM	75432
Surr: 4-Bromofluorobenzene	95.5	39.1-146		%Rec	1	6/15/2023 8:43:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **CAS**

## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **SNS**

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp6 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-031

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	59		mg/Kg	20	6/12/2023 8:00:36 PM	75535
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/10/2023 4:10:37 PM	75443
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/10/2023 4:10:37 PM	75443
Surr: DNOP	80.2	69-147		%Rec	1	6/10/2023 4:10:37 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/15/2023 9:05:00 PM	75432
Surr: BFB	97.2	15-244		%Rec	1	6/15/2023 9:05:00 PM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/15/2023 9:05:00 PM	75432
Toluene	ND	0.049		mg/Kg	1	6/15/2023 9:05:00 PM	75432
Ethylbenzene	ND	0.049		mg/Kg	1	6/15/2023 9:05:00 PM	75432
Xylenes, Total	ND	0.097		mg/Kg	1	6/15/2023 9:05:00 PM	75432
Surr: 4-Bromofluorobenzene	93.0	39.1-146		%Rec	1	6/15/2023 9:05:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-032  
Matrix: SOIL  
Client Sample ID: Sp6 1-2  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	6/12/2023 8:37:38 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/10/2023 4:34:53 PM	75443
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 4:34:53 PM	75443
Surr: DNOP	74.4	69-147		%Rec	1	6/10/2023 4:34:53 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/15/2023 10:10:00 PM	75432
Surr: BFB	97.5	15-244		%Rec	1	6/15/2023 10:10:00 PM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/15/2023 10:10:00 PM	75432
Toluene	ND	0.046		mg/Kg	1	6/15/2023 10:10:00 PM	75432
Ethylbenzene	ND	0.046		mg/Kg	1	6/15/2023 10:10:00 PM	75432
Xylenes, Total	ND	0.093		mg/Kg	1	6/15/2023 10:10:00 PM	75432
Surr: 4-Bromofluorobenzene	91.2	39.1-146		%Rec	1	6/15/2023 10:10:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp6 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-033

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 8:49:59 PM	75535
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/10/2023 4:59:05 PM	75443
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 4:59:05 PM	75443
Surr: DNOP	82.2	69-147		%Rec	1	6/10/2023 4:59:05 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2023 10:32:00 PM	75432
Surr: BFB	97.2	15-244		%Rec	1	6/15/2023 10:32:00 PM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/15/2023 10:32:00 PM	75432
Toluene	ND	0.050		mg/Kg	1	6/15/2023 10:32:00 PM	75432
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2023 10:32:00 PM	75432
Xylenes, Total	ND	0.099		mg/Kg	1	6/15/2023 10:32:00 PM	75432
Surr: 4-Bromofluorobenzene	91.3	39.1-146		%Rec	1	6/15/2023 10:32:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-034  
Matrix: SOIL  
Client Sample ID: Sp6 3-4  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 9:02:19 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 5:47:48 PM	75443
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 5:47:48 PM	75443
Surr: DNOP	83.1	69-147		%Rec	1	6/10/2023 5:47:48 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/15/2023 10:54:00 PM	75432
Surr: BFB	97.1	15-244		%Rec	1	6/15/2023 10:54:00 PM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/15/2023 10:54:00 PM	75432
Toluene	ND	0.046		mg/Kg	1	6/15/2023 10:54:00 PM	75432
Ethylbenzene	ND	0.046		mg/Kg	1	6/15/2023 10:54:00 PM	75432
Xylenes, Total	ND	0.092		mg/Kg	1	6/15/2023 10:54:00 PM	75432
Surr: 4-Bromofluorobenzene	92.1	39.1-146		%Rec	1	6/15/2023 10:54:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		



## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp6 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-036

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 9:27:00 PM	75535

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-037  
Matrix: SOIL  
Client Sample ID: Sp7 0-1  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	6/12/2023 9:39:21 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/10/2023 6:12:06 PM	75443
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 6:12:06 PM	75443
Surr: DNOP	85.3	69-147		%Rec	1	6/10/2023 6:12:06 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/15/2023 11:16:00 PM	75432
Surr: BFB	97.6	15-244		%Rec	1	6/15/2023 11:16:00 PM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/15/2023 11:16:00 PM	75432
Toluene	ND	0.047		mg/Kg	1	6/15/2023 11:16:00 PM	75432
Ethylbenzene	ND	0.047		mg/Kg	1	6/15/2023 11:16:00 PM	75432
Xylenes, Total	ND	0.094		mg/Kg	1	6/15/2023 11:16:00 PM	75432
Surr: 4-Bromofluorobenzene	90.9	39.1-146		%Rec	1	6/15/2023 11:16:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		



## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp7 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-039

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/13/2023 12:30:57 PM	75549
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/10/2023 7:00:41 PM	75443
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 7:00:41 PM	75443
Surr: DNOP	78.3	69-147		%Rec	1	6/10/2023 7:00:41 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/15/2023 11:59:00 PM	75432
Surr: BFB	97.9	15-244		%Rec	1	6/15/2023 11:59:00 PM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.023		mg/Kg	1	6/15/2023 11:59:00 PM	75432
Toluene	ND	0.047		mg/Kg	1	6/15/2023 11:59:00 PM	75432
Ethylbenzene	ND	0.047		mg/Kg	1	6/15/2023 11:59:00 PM	75432
Xylenes, Total	ND	0.093		mg/Kg	1	6/15/2023 11:59:00 PM	75432
Surr: 4-Bromofluorobenzene	91.9	39.1-146		%Rec	1	6/15/2023 11:59:00 PM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp7 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-040

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/13/2023 12:43:21 PM	75549
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 7:24:56 PM	75443
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 7:24:56 PM	75443
Surr: DNOP	78.4	69-147		%Rec	1	6/10/2023 7:24:56 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 12:21:00 AM	75432
Surr: BFB	101	15-244		%Rec	1	6/16/2023 12:21:00 AM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 12:21:00 AM	75432
Toluene	ND	0.049		mg/Kg	1	6/16/2023 12:21:00 AM	75432
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 12:21:00 AM	75432
Xylenes, Total	ND	0.097		mg/Kg	1	6/16/2023 12:21:00 AM	75432
Surr: 4-Bromofluorobenzene	91.4	39.1-146		%Rec	1	6/16/2023 12:21:00 AM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp7 4-5

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-041

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/13/2023 1:20:35 PM	75549

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **SNS**

Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-043  
Matrix: SOIL  
Client Sample ID: Sp8 0-1  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	3700	150		mg/Kg	50	6/20/2023 8:06:03 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	6/14/2023 7:05:46 PM	75443
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/14/2023 7:05:46 PM	75443
Surr: DNOP	96.0	69-147		%Rec	1	6/14/2023 7:05:46 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/16/2023 12:42:00 AM	75432
Surr: BFB	93.1	15-244		%Rec	1	6/16/2023 12:42:00 AM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/16/2023 12:42:00 AM	75432
Toluene	ND	0.050		mg/Kg	1	6/16/2023 12:42:00 AM	75432
Ethylbenzene	ND	0.050		mg/Kg	1	6/16/2023 12:42:00 AM	75432
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2023 12:42:00 AM	75432
Surr: 4-Bromofluorobenzene	88.5	39.1-146		%Rec	1	6/16/2023 12:42:00 AM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		



## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-045

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	3900	150		mg/Kg	50	6/20/2023 8:30:52 PM	75549
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 7:49:08 PM	75443
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 7:49:08 PM	75443
Surr: DNOP	76.0	69-147		%Rec	1	6/10/2023 7:49:08 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 1:25:00 AM	75432
Surr: BFB	93.4	15-244		%Rec	1	6/16/2023 1:25:00 AM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/16/2023 1:25:00 AM	75432
Toluene	ND	0.049		mg/Kg	1	6/16/2023 1:25:00 AM	75432
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 1:25:00 AM	75432
Xylenes, Total	ND	0.097		mg/Kg	1	6/16/2023 1:25:00 AM	75432
Surr: 4-Bromofluorobenzene	89.9	39.1-146		%Rec	1	6/16/2023 1:25:00 AM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-046

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	11000	600		mg/Kg	200	6/20/2023 9:08:06 PM	75549
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/10/2023 8:13:24 PM	75443
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/10/2023 8:13:24 PM	75443
Surr: DNOP	77.2	69-147		%Rec	1	6/10/2023 8:13:24 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/16/2023 2:09:00 AM	75432
Surr: BFB	99.2	15-244		%Rec	1	6/16/2023 2:09:00 AM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/16/2023 2:09:00 AM	75432
Toluene	ND	0.047		mg/Kg	1	6/16/2023 2:09:00 AM	75432
Ethylbenzene	ND	0.047		mg/Kg	1	6/16/2023 2:09:00 AM	75432
Xylenes, Total	ND	0.095		mg/Kg	1	6/16/2023 2:09:00 AM	75432
Surr: 4-Bromofluorobenzene	90.7	39.1-146		%Rec	1	6/16/2023 2:09:00 AM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **CAS**

## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **CAS**

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-049

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/13/2023 2:59:50 PM	75549
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 8:37:40 PM	75443
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 8:37:40 PM	75443
Surr: DNOP	84.2	69-147		%Rec	1	6/10/2023 8:37:40 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/16/2023 2:30:00 AM	75432
Surr: BFB	95.8	15-244		%Rec	1	6/16/2023 2:30:00 AM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.023		mg/Kg	1	6/16/2023 2:30:00 AM	75432
Toluene	ND	0.047		mg/Kg	1	6/16/2023 2:30:00 AM	75432
Ethylbenzene	ND	0.047		mg/Kg	1	6/16/2023 2:30:00 AM	75432
Xylenes, Total	ND	0.093		mg/Kg	1	6/16/2023 2:30:00 AM	75432
Surr: 4-Bromofluorobenzene	90.9	39.1-146		%Rec	1	6/16/2023 2:30:00 AM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-050

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	88	60		mg/Kg	20	6/13/2023 3:12:15 PM	75549
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/10/2023 9:02:04 PM	75443
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 9:02:04 PM	75443
Surr: DNOP	85.5	69-147		%Rec	1	6/10/2023 9:02:04 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/16/2023 2:52:00 AM	75432
Surr: BFB	99.8	15-244		%Rec	1	6/16/2023 2:52:00 AM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 2:52:00 AM	75432
Toluene	ND	0.048		mg/Kg	1	6/16/2023 2:52:00 AM	75432
Ethylbenzene	ND	0.048		mg/Kg	1	6/16/2023 2:52:00 AM	75432
Xylenes, Total	ND	0.096		mg/Kg	1	6/16/2023 2:52:00 AM	75432
Surr: 4-Bromofluorobenzene	94.4	39.1-146		%Rec	1	6/16/2023 2:52:00 AM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-052

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/13/2023 4:01:52 PM	75549
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	170	8.9		mg/Kg	1	6/14/2023 9:11:07 PM	75443
Motor Oil Range Organics (MRO)	470	44		mg/Kg	1	6/14/2023 9:11:07 PM	75443
Surr: DNOP	96.7	69-147		%Rec	1	6/14/2023 9:11:07 PM	75443
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/16/2023 3:35:00 AM	75432
Surr: BFB	96.2	15-244		%Rec	1	6/16/2023 3:35:00 AM	75432
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 3:35:00 AM	75432
Toluene	ND	0.047		mg/Kg	1	6/16/2023 3:35:00 AM	75432
Ethylbenzene	ND	0.047		mg/Kg	1	6/16/2023 3:35:00 AM	75432
Xylenes, Total	ND	0.095		mg/Kg	1	6/16/2023 3:35:00 AM	75432
Surr: 4-Bromofluorobenzene	91.7	39.1-146		%Rec	1	6/16/2023 3:35:00 AM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-053

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/13/2023 4:14:17 PM	75549
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	79	8.6	H	mg/Kg	1	7/1/2023 12:03:43 AM	75907
Motor Oil Range Organics (MRO)	150	43	H	mg/Kg	1	7/1/2023 12:03:43 AM	75907
Surr: DNOP	108	69-147	H	%Rec	1	7/1/2023 12:03:43 AM	75907
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0	H	mg/Kg	1	6/29/2023 4:26:41 PM	75895
Surr: BFB	112	15-244	H	%Rec	1	6/29/2023 4:26:41 PM	75895
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025	H	mg/Kg	1	6/29/2023 4:26:41 PM	75895
Toluene	ND	0.050	H	mg/Kg	1	6/29/2023 4:26:41 PM	75895
Ethylbenzene	ND	0.050	H	mg/Kg	1	6/29/2023 4:26:41 PM	75895
Xylenes, Total	ND	0.099	H	mg/Kg	1	6/29/2023 4:26:41 PM	75895
Surr: 4-Bromofluorobenzene	94.1	39.1-146	H	%Rec	1	6/29/2023 4:26:41 PM	75895

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-054

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/14/2023 3:36:46 AM	75566
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>PRD</b>
Diesel Range Organics (DRO)	54	8.8	H	mg/Kg	1	7/1/2023 12:45:39 AM	75907
Motor Oil Range Organics (MRO)	110	44	H	mg/Kg	1	7/1/2023 12:45:39 AM	75907
Surr: DNOP	99.0	69-147	H	%Rec	1	7/1/2023 12:45:39 AM	75907
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9	H	mg/Kg	1	6/29/2023 4:51:03 PM	75895
Surr: BFB	110	15-244	H	%Rec	1	6/29/2023 4:51:03 PM	75895
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024	H	mg/Kg	1	6/29/2023 4:51:03 PM	75895
Toluene	ND	0.049	H	mg/Kg	1	6/29/2023 4:51:03 PM	75895
Ethylbenzene	ND	0.049	H	mg/Kg	1	6/29/2023 4:51:03 PM	75895
Xylenes, Total	ND	0.097	H	mg/Kg	1	6/29/2023 4:51:03 PM	75895
Surr: 4-Bromofluorobenzene	93.6	39.1-146	H	%Rec	1	6/29/2023 4:51:03 PM	75895

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-055  
Matrix: SOIL  
Client Sample ID: Sp10 0-1  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	150	61		mg/Kg	20	6/13/2023 4:26:41 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	87	9.5		mg/Kg	1	6/14/2023 9:52:47 PM	75443
Motor Oil Range Organics (MRO)	320	48		mg/Kg	1	6/14/2023 9:52:47 PM	75443
Surr: DNOP	101	69-147		%Rec	1	6/14/2023 9:52:47 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 3:57:00 AM	75432
Surr: BFB	96.2	15-244		%Rec	1	6/16/2023 3:57:00 AM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/16/2023 3:57:00 AM	75432
Toluene	ND	0.049		mg/Kg	1	6/16/2023 3:57:00 AM	75432
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 3:57:00 AM	75432
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 3:57:00 AM	75432
Surr: 4-Bromofluorobenzene	91.9	39.1-146		%Rec	1	6/16/2023 3:57:00 AM	75432

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-056

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	150	60		mg/Kg	20	6/14/2023 4:13:59 AM	75566
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/10/2023 9:26:24 PM	75450
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 9:26:24 PM	75450
Surr: DNOP	82.7	69-147		%Rec	1	6/10/2023 9:26:24 PM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/16/2023 5:24:00 AM	75438
Surr: BFB	96.3	15-244		%Rec	1	6/16/2023 5:24:00 AM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 5:24:00 AM	75438
Toluene	ND	0.050		mg/Kg	1	6/16/2023 5:24:00 AM	75438
Ethylbenzene	ND	0.050		mg/Kg	1	6/16/2023 5:24:00 AM	75438
Xylenes, Total	ND	0.10		mg/Kg	1	6/16/2023 5:24:00 AM	75438
Surr: 4-Bromofluorobenzene	92.2	39.1-146		%Rec	1	6/16/2023 5:24:00 AM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-057

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	2900	150		mg/Kg	50	6/26/2023 8:32:22 PM	75566
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/10/2023 10:15:10 PM	75450
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/10/2023 10:15:10 PM	75450
Surr: DNOP	82.7	69-147		%Rec	1	6/10/2023 10:15:10 PM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 6:29:00 AM	75438
Surr: BFB	95.6	15-244		%Rec	1	6/16/2023 6:29:00 AM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/16/2023 6:29:00 AM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 6:29:00 AM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 6:29:00 AM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 6:29:00 AM	75438
Surr: 4-Bromofluorobenzene	92.9	39.1-146		%Rec	1	6/16/2023 6:29:00 AM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-058

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	14000	600		mg/Kg	200	6/20/2023 9:45:20 PM	75566
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	6/10/2023 10:39:44 PM	75450
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/10/2023 10:39:44 PM	75450
Surr: DNOP	83.5	69-147		%Rec	1	6/10/2023 10:39:44 PM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 4:52:00 PM	75438
Surr: BFB	103	15-244		%Rec	1	6/16/2023 4:52:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/16/2023 4:52:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 4:52:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 4:52:00 PM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 4:52:00 PM	75438
Surr: 4-Bromofluorobenzene	99.0	39.1-146		%Rec	1	6/16/2023 4:52:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **CAS**

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-060

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	14000	600		mg/Kg	200	6/20/2023 10:10:09 PM	75566

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp11 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-062

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	61		mg/Kg	20	6/14/2023 5:53:16 AM	75566
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 11:28:58 PM	75450
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 11:28:58 PM	75450
Surr: DNOP	86.2	69-147		%Rec	1	6/10/2023 11:28:58 PM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 5:36:00 PM	75438
Surr: BFB	102	15-244		%Rec	1	6/16/2023 5:36:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 5:36:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 5:36:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 5:36:00 PM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 5:36:00 PM	75438
Surr: 4-Bromofluorobenzene	95.7	39.1-146		%Rec	1	6/16/2023 5:36:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp11 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-063

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	61		mg/Kg	20	6/14/2023 10:00:11 AM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/10/2023 11:53:40 PM	75450
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 11:53:40 PM	75450
Surr: DNOP	87.4	69-147		%Rec	1	6/10/2023 11:53:40 PM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 5:58:00 PM	75438
Surr: BFB	104	15-244		%Rec	1	6/16/2023 5:58:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 5:58:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 5:58:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 5:58:00 PM	75438
Xylenes, Total	ND	0.097		mg/Kg	1	6/16/2023 5:58:00 PM	75438
Surr: 4-Bromofluorobenzene	96.5	39.1-146		%Rec	1	6/16/2023 5:58:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp11 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-064

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/14/2023 10:12:32 AM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	1.0		mg/Kg	1	6/11/2023 12:18:09 AM	75450
Motor Oil Range Organics (MRO)	ND	5.0		mg/Kg	1	6/11/2023 12:18:09 AM	75450
Surr: DNOP	89.4	69-147		%Rec	1	6/11/2023 12:18:09 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 6:20:00 PM	75438
Surr: BFB	103	15-244		%Rec	1	6/16/2023 6:20:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 6:20:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 6:20:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 6:20:00 PM	75438
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2023 6:20:00 PM	75438
Surr: 4-Bromofluorobenzene	98.0	39.1-146		%Rec	1	6/16/2023 6:20:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp11 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-065

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 10:24:52 AM	75574

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp11 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-066

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 11:51:16 AM	75574

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp12 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-067

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/14/2023 12:03:37 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 12:42:57 AM	75450
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 12:42:57 AM	75450
Surr: DNOP	92.2	69-147		%Rec	1	6/11/2023 12:42:57 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 6:42:00 PM	75438
Surr: BFB	100	15-244		%Rec	1	6/16/2023 6:42:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 6:42:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 6:42:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 6:42:00 PM	75438
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2023 6:42:00 PM	75438
Surr: 4-Bromofluorobenzene	95.9	39.1-146		%Rec	1	6/16/2023 6:42:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp12 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-068

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/14/2023 12:15:57 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/11/2023 1:07:39 AM	75450
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/11/2023 1:07:39 AM	75450
Surr: DNOP	82.4	69-147		%Rec	1	6/11/2023 1:07:39 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 7:04:00 PM	75438
Surr: BFB	101	15-244		%Rec	1	6/16/2023 7:04:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 7:04:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 7:04:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 7:04:00 PM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 7:04:00 PM	75438
Surr: 4-Bromofluorobenzene	95.9	39.1-146		%Rec	1	6/16/2023 7:04:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp12 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-069

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/14/2023 12:28:18 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/13/2023 2:18:49 AM	75450
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/13/2023 2:18:49 AM	75450
Surr: DNOP	74.3	69-147		%Rec	1	6/13/2023 2:18:49 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/16/2023 7:26:00 PM	75438
Surr: BFB	100	15-244		%Rec	1	6/16/2023 7:26:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 7:26:00 PM	75438
Toluene	ND	0.050		mg/Kg	1	6/16/2023 7:26:00 PM	75438
Ethylbenzene	ND	0.050		mg/Kg	1	6/16/2023 7:26:00 PM	75438
Xylenes, Total	ND	0.10		mg/Kg	1	6/16/2023 7:26:00 PM	75438
Surr: 4-Bromofluorobenzene	94.5	39.1-146		%Rec	1	6/16/2023 7:26:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp12 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-070

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/14/2023 12:40:38 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 2:46:19 AM	75450
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 2:46:19 AM	75450
Surr: DNOP	81.6	69-147		%Rec	1	6/11/2023 2:46:19 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 7:48:00 PM	75438
Surr: BFB	101	15-244		%Rec	1	6/16/2023 7:48:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 7:48:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 7:48:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 7:48:00 PM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 7:48:00 PM	75438
Surr: 4-Bromofluorobenzene	95.6	39.1-146		%Rec	1	6/16/2023 7:48:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp12 4-5

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-071

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/14/2023 12:52:59 PM	75574

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp12 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-072

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 1:05:20 PM	75574

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp13 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-073

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/14/2023 1:17:41 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/11/2023 3:10:53 AM	75450
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/11/2023 3:10:53 AM	75450
Surr: DNOP	84.0	69-147		%Rec	1	6/11/2023 3:10:53 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/16/2023 8:10:00 PM	75438
Surr: BFB	98.3	15-244		%Rec	1	6/16/2023 8:10:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 8:10:00 PM	75438
Toluene	ND	0.050		mg/Kg	1	6/16/2023 8:10:00 PM	75438
Ethylbenzene	ND	0.050		mg/Kg	1	6/16/2023 8:10:00 PM	75438
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2023 8:10:00 PM	75438
Surr: 4-Bromofluorobenzene	94.0	39.1-146		%Rec	1	6/16/2023 8:10:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp13 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-074

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/14/2023 1:30:02 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 3:35:29 AM	75450
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 3:35:29 AM	75450
Surr: DNOP	92.7	69-147		%Rec	1	6/11/2023 3:35:29 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/16/2023 9:15:00 PM	75438
Surr: BFB	99.8	15-244		%Rec	1	6/16/2023 9:15:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 9:15:00 PM	75438
Toluene	ND	0.050		mg/Kg	1	6/16/2023 9:15:00 PM	75438
Ethylbenzene	ND	0.050		mg/Kg	1	6/16/2023 9:15:00 PM	75438
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2023 9:15:00 PM	75438
Surr: 4-Bromofluorobenzene	94.2	39.1-146		%Rec	1	6/16/2023 9:15:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp13 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-075

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	61		mg/Kg	20	6/14/2023 1:42:22 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/11/2023 4:00:00 AM	75450
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 4:00:00 AM	75450
Surr: DNOP	108	69-147		%Rec	1	6/11/2023 4:00:00 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/16/2023 9:37:00 PM	75438
Surr: BFB	97.6	15-244		%Rec	1	6/16/2023 9:37:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 9:37:00 PM	75438
Toluene	ND	0.048		mg/Kg	1	6/16/2023 9:37:00 PM	75438
Ethylbenzene	ND	0.048		mg/Kg	1	6/16/2023 9:37:00 PM	75438
Xylenes, Total	ND	0.097		mg/Kg	1	6/16/2023 9:37:00 PM	75438
Surr: 4-Bromofluorobenzene	91.8	39.1-146		%Rec	1	6/16/2023 9:37:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp13 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-076

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	61		mg/Kg	20	6/14/2023 2:19:25 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/11/2023 4:48:56 AM	75450
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 4:48:56 AM	75450
Surr: DNOP	83.8	69-147		%Rec	1	6/11/2023 4:48:56 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 9:59:00 PM	75438
Surr: BFB	98.7	15-244		%Rec	1	6/16/2023 9:59:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 9:59:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 9:59:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 9:59:00 PM	75438
Xylenes, Total	ND	0.097		mg/Kg	1	6/16/2023 9:59:00 PM	75438
Surr: 4-Bromofluorobenzene	92.7	39.1-146		%Rec	1	6/16/2023 9:59:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp13 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-077

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 2:31:46 PM	75574

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp14 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-079

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	2900	150		mg/Kg	50	6/21/2023 9:38:50 AM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/11/2023 5:13:18 AM	75450
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/11/2023 5:13:18 AM	75450
Surr: DNOP	83.4	69-147		%Rec	1	6/11/2023 5:13:18 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 10:21:00 PM	75438
Surr: BFB	97.4	15-244		%Rec	1	6/16/2023 10:21:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 10:21:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 10:21:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 10:21:00 PM	75438
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2023 10:21:00 PM	75438
Surr: 4-Bromofluorobenzene	92.2	39.1-146		%Rec	1	6/16/2023 10:21:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp14 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-080

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1000	60		mg/Kg	20	6/14/2023 3:08:48 PM	75574
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/11/2023 5:37:39 AM	75450
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/11/2023 5:37:39 AM	75450
Surr: DNOP	83.2	69-147		%Rec	1	6/11/2023 5:37:39 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/16/2023 10:43:00 PM	75438
Surr: BFB	98.8	15-244		%Rec	1	6/16/2023 10:43:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 10:43:00 PM	75438
Toluene	ND	0.050		mg/Kg	1	6/16/2023 10:43:00 PM	75438
Ethylbenzene	ND	0.050		mg/Kg	1	6/16/2023 10:43:00 PM	75438
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2023 10:43:00 PM	75438
Surr: 4-Bromofluorobenzene	92.5	39.1-146		%Rec	1	6/16/2023 10:43:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp14 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-081

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	1600	60		mg/Kg	20	6/15/2023 6:40:13 PM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/11/2023 6:01:59 AM	75450
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/11/2023 6:01:59 AM	75450
Surr: DNOP	84.2	69-147		%Rec	1	6/11/2023 6:01:59 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 11:04:00 PM	75438
Surr: BFB	98.3	15-244		%Rec	1	6/16/2023 11:04:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 11:04:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 11:04:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 11:04:00 PM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 11:04:00 PM	75438
Surr: 4-Bromofluorobenzene	93.1	39.1-146		%Rec	1	6/16/2023 11:04:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp14 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-082

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	3800	150		mg/Kg	50	6/21/2023 9:51:14 AM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/11/2023 6:26:19 AM	75450
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/11/2023 6:26:19 AM	75450
Surr: DNOP	83.8	69-147		%Rec	1	6/11/2023 6:26:19 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 11:26:00 PM	75438
Surr: BFB	102	15-244		%Rec	1	6/16/2023 11:26:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/16/2023 11:26:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 11:26:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 11:26:00 PM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 11:26:00 PM	75438
Surr: 4-Bromofluorobenzene	93.0	39.1-146		%Rec	1	6/16/2023 11:26:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp14 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-083

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	13000	1500		mg/Kg	500	6/22/2023 10:19:52 AM	75574

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp14 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-084

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	18000	600		mg/Kg	200	6/21/2023 10:16:04 AM	75637

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp15 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-085

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4200	150		mg/Kg	50	6/21/2023 10:28:28 AM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/11/2023 7:14:41 AM	75450
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/11/2023 7:14:41 AM	75450
Surr: DNOP	87.9	69-147		%Rec	1	6/11/2023 7:14:41 AM	75450
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 11:48:00 PM	75438
Surr: BFB	97.5	15-244		%Rec	1	6/16/2023 11:48:00 PM	75438
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/16/2023 11:48:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 11:48:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 11:48:00 PM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 11:48:00 PM	75438
Surr: 4-Bromofluorobenzene	91.4	39.1-146		%Rec	1	6/16/2023 11:48:00 PM	75438

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp15 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-086

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4500	150		mg/Kg	50	6/21/2023 10:40:53 AM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/11/2023 8:02:57 AM	75479
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/11/2023 8:02:57 AM	75479
Surr: DNOP	80.8	69-147		%Rec	1	6/11/2023 8:02:57 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 1:14:00 AM	75444
Surr: BFB	95.5	15-244		%Rec	1	6/17/2023 1:14:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 1:14:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 1:14:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 1:14:00 AM	75444
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 1:14:00 AM	75444
Surr: 4-Bromofluorobenzene	90.4	39.1-146		%Rec	1	6/17/2023 1:14:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp15 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-087

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	6200	300		mg/Kg	100	6/21/2023 10:53:18 AM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/11/2023 8:27:13 AM	75479
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/11/2023 8:27:13 AM	75479
Surr: DNOP	81.9	69-147		%Rec	1	6/11/2023 8:27:13 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 2:19:00 AM	75444
Surr: BFB	96.9	15-244		%Rec	1	6/17/2023 2:19:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 2:19:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 2:19:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 2:19:00 AM	75444
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 2:19:00 AM	75444
Surr: 4-Bromofluorobenzene	92.2	39.1-146		%Rec	1	6/17/2023 2:19:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp15 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-088

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	8300	300		mg/Kg	100	6/21/2023 11:05:42 AM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/11/2023 8:51:26 AM	75479
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/11/2023 8:51:26 AM	75479
Surr: DNOP	80.1	69-147		%Rec	1	6/11/2023 8:51:26 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/17/2023 3:46:00 AM	75444
Surr: BFB	98.0	15-244		%Rec	1	6/17/2023 3:46:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 3:46:00 AM	75444
Toluene	ND	0.047		mg/Kg	1	6/17/2023 3:46:00 AM	75444
Ethylbenzene	ND	0.047		mg/Kg	1	6/17/2023 3:46:00 AM	75444
Xylenes, Total	ND	0.094		mg/Kg	1	6/17/2023 3:46:00 AM	75444
Surr: 4-Bromofluorobenzene	93.1	39.1-146		%Rec	1	6/17/2023 3:46:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp15 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-089

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	12000	590		mg/Kg	200	6/21/2023 11:42:56 AM	75637

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp16 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-091

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	5000	300		mg/Kg	100	6/21/2023 12:07:46 PM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 9:15:42 AM	75479
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 9:15:42 AM	75479
Surr: DNOP	83.3	69-147		%Rec	1	6/11/2023 9:15:42 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 4:08:00 AM	75444
Surr: BFB	96.7	15-244		%Rec	1	6/17/2023 4:08:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 4:08:00 AM	75444
Toluene	ND	0.050		mg/Kg	1	6/17/2023 4:08:00 AM	75444
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 4:08:00 AM	75444
Xylenes, Total	ND	0.10		mg/Kg	1	6/17/2023 4:08:00 AM	75444
Surr: 4-Bromofluorobenzene	90.5	39.1-146		%Rec	1	6/17/2023 4:08:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp16 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-092

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	7100	300		mg/Kg	100	6/21/2023 12:20:11 PM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/11/2023 9:40:02 AM	75479
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/11/2023 9:40:02 AM	75479
Surr: DNOP	80.5	69-147		%Rec	1	6/11/2023 9:40:02 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 4:29:00 AM	75444
Surr: BFB	97.1	15-244		%Rec	1	6/17/2023 4:29:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 4:29:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 4:29:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 4:29:00 AM	75444
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 4:29:00 AM	75444
Surr: 4-Bromofluorobenzene	92.8	39.1-146		%Rec	1	6/17/2023 4:29:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp16 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-093

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	8100	300		mg/Kg	100	6/21/2023 12:32:35 PM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/11/2023 10:04:10 AM	75479
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/11/2023 10:04:10 AM	75479
Surr: DNOP	80.4	69-147		%Rec	1	6/11/2023 10:04:10 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 4:51:00 AM	75444
Surr: BFB	100	15-244		%Rec	1	6/17/2023 4:51:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 4:51:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 4:51:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 4:51:00 AM	75444
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 4:51:00 AM	75444
Surr: 4-Bromofluorobenzene	91.9	39.1-146		%Rec	1	6/17/2023 4:51:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp16 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-094

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	9000	300		mg/Kg	100	6/21/2023 12:44:59 PM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/11/2023 10:28:16 AM	75479
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/11/2023 10:28:16 AM	75479
Surr: DNOP	82.8	69-147		%Rec	1	6/11/2023 10:28:16 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 5:13:00 AM	75444
Surr: BFB	99.5	15-244		%Rec	1	6/17/2023 5:13:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 5:13:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 5:13:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 5:13:00 AM	75444
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 5:13:00 AM	75444
Surr: 4-Bromofluorobenzene	92.7	39.1-146		%Rec	1	6/17/2023 5:13:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp16 4-5

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-095

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	10000	600		mg/Kg	200	6/21/2023 12:57:24 PM	75637

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **SNS**

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp17 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-097

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/15/2023 11:24:08 PM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/11/2023 10:52:26 AM	75479
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/11/2023 10:52:26 AM	75479
Surr: DNOP	92.9	69-147		%Rec	1	6/11/2023 10:52:26 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 5:34:00 AM	75444
Surr: BFB	98.5	15-244		%Rec	1	6/17/2023 5:34:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 5:34:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 5:34:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 5:34:00 AM	75444
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 5:34:00 AM	75444
Surr: 4-Bromofluorobenzene	92.7	39.1-146		%Rec	1	6/17/2023 5:34:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp17 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-098

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/15/2023 11:36:28 PM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/11/2023 11:40:45 AM	75479
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 11:40:45 AM	75479
Surr: DNOP	95.0	69-147		%Rec	1	6/11/2023 11:40:45 AM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 5:56:00 AM	75444
Surr: BFB	101	15-244		%Rec	1	6/17/2023 5:56:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 5:56:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 5:56:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 5:56:00 AM	75444
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 5:56:00 AM	75444
Surr: 4-Bromofluorobenzene	92.9	39.1-146		%Rec	1	6/17/2023 5:56:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp17 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-099

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/15/2023 11:48:49 PM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 12:04:57 PM	75479
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 12:04:57 PM	75479
Surr: DNOP	90.5	69-147		%Rec	1	6/11/2023 12:04:57 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 6:18:00 AM	75444
Surr: BFB	104	15-244		%Rec	1	6/17/2023 6:18:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 6:18:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 6:18:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 6:18:00 AM	75444
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 6:18:00 AM	75444
Surr: 4-Bromofluorobenzene	94.4	39.1-146		%Rec	1	6/17/2023 6:18:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp17 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-100

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 12:25:52 AM	75637
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 12:29:08 PM	75479
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 12:29:08 PM	75479
Surr: DNOP	101	69-147		%Rec	1	6/11/2023 12:29:08 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 6:40:00 AM	75444
Surr: BFB	99.5	15-244		%Rec	1	6/17/2023 6:40:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 6:40:00 AM	75444
Toluene	ND	0.048		mg/Kg	1	6/17/2023 6:40:00 AM	75444
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 6:40:00 AM	75444
Xylenes, Total	ND	0.095		mg/Kg	1	6/17/2023 6:40:00 AM	75444
Surr: 4-Bromofluorobenzene	93.6	39.1-146		%Rec	1	6/17/2023 6:40:00 AM	75444

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

## Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp17 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-101

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 12:38:13 AM	75637

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp17 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-102

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/15/2023 11:28:36 PM	75638

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp18 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-103

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/16/2023 12:05:49 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	6/11/2023 12:53:16 PM	75479
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	6/11/2023 12:53:16 PM	75479
Surr: DNOP	94.9	69-147		%Rec	1	6/11/2023 12:53:16 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/17/2023 7:01:00 AM	75444
Surr: BFB	105	15-244		%Rec	1	6/17/2023 7:01:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.023		mg/Kg	1	6/17/2023 7:01:00 AM	75444
Toluene	ND	0.047		mg/Kg	1	6/17/2023 7:01:00 AM	75444
Ethylbenzene	ND	0.047		mg/Kg	1	6/17/2023 7:01:00 AM	75444
Xylenes, Total	ND	0.094		mg/Kg	1	6/17/2023 7:01:00 AM	75444
Surr: 4-Bromofluorobenzene	94.8	39.1-146		%Rec	1	6/17/2023 7:01:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp18 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-104

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/16/2023 1:07:51 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 1:17:25 PM	75479
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 1:17:25 PM	75479
Surr: DNOP	86.1	69-147		%Rec	1	6/11/2023 1:17:25 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 8:06:00 AM	75444
Surr: BFB	97.6	15-244		%Rec	1	6/17/2023 8:06:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 8:06:00 AM	75444
Toluene	ND	0.050		mg/Kg	1	6/17/2023 8:06:00 AM	75444
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 8:06:00 AM	75444
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 8:06:00 AM	75444
Surr: 4-Bromofluorobenzene	93.7	39.1-146		%Rec	1	6/17/2023 8:06:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp18 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-105

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	61		mg/Kg	20	6/16/2023 1:20:16 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 1:41:35 PM	75479
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 1:41:35 PM	75479
Surr: DNOP	85.0	69-147		%Rec	1	6/11/2023 1:41:35 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 8:28:00 AM	75444
Surr: BFB	102	15-244		%Rec	1	6/17/2023 8:28:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 8:28:00 AM	75444
Toluene	ND	0.050		mg/Kg	1	6/17/2023 8:28:00 AM	75444
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 8:28:00 AM	75444
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 8:28:00 AM	75444
Surr: 4-Bromofluorobenzene	93.6	39.1-146		%Rec	1	6/17/2023 8:28:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp18 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-106

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 1:32:41 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/11/2023 2:05:50 PM	75479
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 2:05:50 PM	75479
Surr: DNOP	77.4	69-147		%Rec	1	6/11/2023 2:05:50 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 8:50:00 AM	75444
Surr: BFB	100	15-244		%Rec	1	6/17/2023 8:50:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 8:50:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 8:50:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 8:50:00 AM	75444
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 8:50:00 AM	75444
Surr: 4-Bromofluorobenzene	94.4	39.1-146		%Rec	1	6/17/2023 8:50:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **SNS**

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp18 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-108

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/16/2023 1:57:31 AM	75638

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp19 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-109

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/16/2023 2:09:55 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/11/2023 2:30:04 PM	75479
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/11/2023 2:30:04 PM	75479
Surr: DNOP	80.4	69-147		%Rec	1	6/11/2023 2:30:04 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 9:11:00 AM	75444
Surr: BFB	104	15-244		%Rec	1	6/17/2023 9:11:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 9:11:00 AM	75444
Toluene	ND	0.050		mg/Kg	1	6/17/2023 9:11:00 AM	75444
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 9:11:00 AM	75444
Xylenes, Total	ND	0.10		mg/Kg	1	6/17/2023 9:11:00 AM	75444
Surr: 4-Bromofluorobenzene	95.8	39.1-146		%Rec	1	6/17/2023 9:11:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp19 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-110

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 2:22:19 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/11/2023 3:18:34 PM	75479
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/11/2023 3:18:34 PM	75479
Surr: DNOP	81.3	69-147		%Rec	1	6/11/2023 3:18:34 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 9:33:00 AM	75444
Surr: BFB	99.5	15-244		%Rec	1	6/17/2023 9:33:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 9:33:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 9:33:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 9:33:00 AM	75444
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 9:33:00 AM	75444
Surr: 4-Bromofluorobenzene	92.9	39.1-146		%Rec	1	6/17/2023 9:33:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp19 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-111

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 2:34:43 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/11/2023 4:07:10 PM	75479
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/11/2023 4:07:10 PM	75479
Surr: DNOP	78.4	69-147		%Rec	1	6/11/2023 4:07:10 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 9:55:00 AM	75444
Surr: BFB	97.4	15-244		%Rec	1	6/17/2023 9:55:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 9:55:00 AM	75444
Toluene	ND	0.048		mg/Kg	1	6/17/2023 9:55:00 AM	75444
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 9:55:00 AM	75444
Xylenes, Total	ND	0.095		mg/Kg	1	6/17/2023 9:55:00 AM	75444
Surr: 4-Bromofluorobenzene	94.9	39.1-146		%Rec	1	6/17/2023 9:55:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp19 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-112

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 2:47:08 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/11/2023 4:31:31 PM	75479
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/11/2023 4:31:31 PM	75479
Surr: DNOP	82.9	69-147		%Rec	1	6/11/2023 4:31:31 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 10:17:00 AM	75444
Surr: BFB	105	15-244		%Rec	1	6/17/2023 10:17:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 10:17:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 10:17:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 10:17:00 AM	75444
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 10:17:00 AM	75444
Surr: 4-Bromofluorobenzene	96.8	39.1-146		%Rec	1	6/17/2023 10:17:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp19 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-113

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 2:59:33 AM	75638

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp19 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-114

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 3:36:46 AM	75638

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp20 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-115

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 3:49:10 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/11/2023 4:55:52 PM	75479
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/11/2023 4:55:52 PM	75479
Surr: DNOP	79.9	69-147		%Rec	1	6/11/2023 4:55:52 PM	75479
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 10:38:00 AM	75444
Surr: BFB	103	15-244		%Rec	1	6/17/2023 10:38:00 AM	75444
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 10:38:00 AM	75444
Toluene	ND	0.049		mg/Kg	1	6/17/2023 10:38:00 AM	75444
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 10:38:00 AM	75444
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 10:38:00 AM	75444
Surr: 4-Bromofluorobenzene	95.3	39.1-146		%Rec	1	6/17/2023 10:38:00 AM	75444

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp20 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-116

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 4:01:34 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 6:58:54 AM	75497
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 6:58:54 AM	75497
Surr: DNOP	83.9	69-147		%Rec	1	6/10/2023 6:58:54 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 12:05:00 PM	75447
Surr: BFB	97.2	15-244		%Rec	1	6/17/2023 12:05:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 12:05:00 PM	75447
Toluene	ND	0.049		mg/Kg	1	6/17/2023 12:05:00 PM	75447
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 12:05:00 PM	75447
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 12:05:00 PM	75447
Surr: 4-Bromofluorobenzene	93.1	39.1-146		%Rec	1	6/17/2023 12:05:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp20 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-117

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 4:13:58 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 7:09:42 AM	75497
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 7:09:42 AM	75497
Surr: DNOP	84.7	69-147		%Rec	1	6/10/2023 7:09:42 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 1:11:00 PM	75447
Surr: BFB	101	15-244		%Rec	1	6/17/2023 1:11:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 1:11:00 PM	75447
Toluene	ND	0.050		mg/Kg	1	6/17/2023 1:11:00 PM	75447
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 1:11:00 PM	75447
Xylenes, Total	ND	0.10		mg/Kg	1	6/17/2023 1:11:00 PM	75447
Surr: 4-Bromofluorobenzene	95.7	39.1-146		%Rec	1	6/17/2023 1:11:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp20 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-118

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 4:26:23 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/10/2023 7:20:30 AM	75497
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 7:20:30 AM	75497
Surr: DNOP	85.5	69-147		%Rec	1	6/10/2023 7:20:30 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 5:15:00 PM	75447
Surr: BFB	104	15-244		%Rec	1	6/17/2023 5:15:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 5:15:00 PM	75447
Toluene	ND	0.050		mg/Kg	1	6/17/2023 5:15:00 PM	75447
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 5:15:00 PM	75447
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 5:15:00 PM	75447
Surr: 4-Bromofluorobenzene	97.4	39.1-146		%Rec	1	6/17/2023 5:15:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp20 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-119

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 4:38:48 AM	75638

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp20 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-120

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/16/2023 4:51:13 AM	75638

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp21 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-121

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	870	61		mg/Kg	20	6/16/2023 5:03:37 AM	75638
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/10/2023 7:31:18 AM	75497
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 7:31:18 AM	75497
Surr: DNOP	79.8	69-147		%Rec	1	6/10/2023 7:31:18 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 5:37:00 PM	75447
Surr: BFB	103	15-244		%Rec	1	6/17/2023 5:37:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 5:37:00 PM	75447
Toluene	ND	0.048		mg/Kg	1	6/17/2023 5:37:00 PM	75447
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 5:37:00 PM	75447
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 5:37:00 PM	75447
Surr: 4-Bromofluorobenzene	98.2	39.1-146		%Rec	1	6/17/2023 5:37:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp21 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-122

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	200	60		mg/Kg	20	6/16/2023 8:39:21 AM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 7:42:02 AM	75497
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 7:42:02 AM	75497
Surr: DNOP	84.8	69-147		%Rec	1	6/10/2023 7:42:02 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 5:59:00 PM	75447
Surr: BFB	103	15-244		%Rec	1	6/17/2023 5:59:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/17/2023 5:59:00 PM	75447
Toluene	ND	0.050		mg/Kg	1	6/17/2023 5:59:00 PM	75447
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 5:59:00 PM	75447
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 5:59:00 PM	75447
Surr: 4-Bromofluorobenzene	96.6	39.1-146		%Rec	1	6/17/2023 5:59:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp21 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-123

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	370	60		mg/Kg	20	6/16/2023 9:16:36 AM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/10/2023 7:52:44 AM	75497
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/10/2023 7:52:44 AM	75497
Surr: DNOP	85.6	69-147		%Rec	1	6/10/2023 7:52:44 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/17/2023 6:21:00 PM	75447
Surr: BFB	106	15-244		%Rec	1	6/17/2023 6:21:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/17/2023 6:21:00 PM	75447
Toluene	ND	0.047		mg/Kg	1	6/17/2023 6:21:00 PM	75447
Ethylbenzene	ND	0.047		mg/Kg	1	6/17/2023 6:21:00 PM	75447
Xylenes, Total	ND	0.094		mg/Kg	1	6/17/2023 6:21:00 PM	75447
Surr: 4-Bromofluorobenzene	97.7	39.1-146		%Rec	1	6/17/2023 6:21:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp21 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-124

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	4900	150		mg/Kg	50	6/21/2023 1:22:12 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 8:03:27 AM	75497
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 8:03:27 AM	75497
Surr: DNOP	79.9	69-147		%Rec	1	6/10/2023 8:03:27 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/17/2023 6:43:00 PM	75447
Surr: BFB	107	15-244		%Rec	1	6/17/2023 6:43:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 6:43:00 PM	75447
Toluene	ND	0.047		mg/Kg	1	6/17/2023 6:43:00 PM	75447
Ethylbenzene	ND	0.047		mg/Kg	1	6/17/2023 6:43:00 PM	75447
Xylenes, Total	ND	0.095		mg/Kg	1	6/17/2023 6:43:00 PM	75447
Surr: 4-Bromofluorobenzene	98.4	39.1-146		%Rec	1	6/17/2023 6:43:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp21 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-125

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	12000	590		mg/Kg	200	6/21/2023 1:34:37 PM	75648

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp21 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-126

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	6500	300		mg/Kg	100	6/21/2023 2:11:50 PM	75648

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp22 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-128

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 11:37:33 AM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 8:24:54 AM	75497
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 8:24:54 AM	75497
Surr: DNOP	84.3	69-147		%Rec	1	6/10/2023 8:24:54 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 7:27:00 PM	75447
Surr: BFB	105	15-244		%Rec	1	6/17/2023 7:27:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/17/2023 7:27:00 PM	75447
Toluene	ND	0.050		mg/Kg	1	6/17/2023 7:27:00 PM	75447
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 7:27:00 PM	75447
Xylenes, Total	ND	0.10		mg/Kg	1	6/17/2023 7:27:00 PM	75447
Surr: 4-Bromofluorobenzene	96.8	39.1-146		%Rec	1	6/17/2023 7:27:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp22 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-129

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 11:49:57 AM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/10/2023 8:35:40 AM	75497
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 8:35:40 AM	75497
Surr: DNOP	82.1	69-147		%Rec	1	6/10/2023 8:35:40 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 7:48:00 PM	75447
Surr: BFB	102	15-244		%Rec	1	6/17/2023 7:48:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/17/2023 7:48:00 PM	75447
Toluene	ND	0.049		mg/Kg	1	6/17/2023 7:48:00 PM	75447
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 7:48:00 PM	75447
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 7:48:00 PM	75447
Surr: 4-Bromofluorobenzene	96.1	39.1-146		%Rec	1	6/17/2023 7:48:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp22 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-130

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	61		mg/Kg	20	6/16/2023 12:02:22 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/10/2023 8:57:11 AM	75497
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 8:57:11 AM	75497
Surr: DNOP	74.7	69-147		%Rec	1	6/10/2023 8:57:11 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 8:32:00 PM	75447
Surr: BFB	101	15-244		%Rec	1	6/17/2023 8:32:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/17/2023 8:32:00 PM	75447
Toluene	ND	0.050		mg/Kg	1	6/17/2023 8:32:00 PM	75447
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 8:32:00 PM	75447
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 8:32:00 PM	75447
Surr: 4-Bromofluorobenzene	95.7	39.1-146		%Rec	1	6/17/2023 8:32:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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**Hall Environmental Analysis Laboratory, Inc.**

## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp22 4-5

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-131

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	920	60		mg/Kg	20	6/16/2023 12:14:46 PM	75648

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp22 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-132

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	10000	600		mg/Kg	200	6/21/2023 2:24:15 PM	75648

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp23 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-133

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	61		mg/Kg	20	6/16/2023 12:39:35 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/10/2023 9:08:01 AM	75497
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 9:08:01 AM	75497
Surr: DNOP	86.0	69-147		%Rec	1	6/10/2023 9:08:01 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 8:54:00 PM	75447
Surr: BFB	101	15-244		%Rec	1	6/17/2023 8:54:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/17/2023 8:54:00 PM	75447
Toluene	ND	0.050		mg/Kg	1	6/17/2023 8:54:00 PM	75447
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 8:54:00 PM	75447
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 8:54:00 PM	75447
Surr: 4-Bromofluorobenzene	93.3	39.1-146		%Rec	1	6/17/2023 8:54:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp23 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-134

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 12:51:59 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 9:18:54 AM	75497
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 9:18:54 AM	75497
Surr: DNOP	83.2	69-147		%Rec	1	6/10/2023 9:18:54 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 9:15:00 PM	75447
Surr: BFB	99.0	15-244		%Rec	1	6/17/2023 9:15:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/17/2023 9:15:00 PM	75447
Toluene	ND	0.048		mg/Kg	1	6/17/2023 9:15:00 PM	75447
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 9:15:00 PM	75447
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 9:15:00 PM	75447
Surr: 4-Bromofluorobenzene	93.4	39.1-146		%Rec	1	6/17/2023 9:15:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp23 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-135

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 1:04:23 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 9:29:42 AM	75497
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 9:29:42 AM	75497
Surr: DNOP	81.2	69-147		%Rec	1	6/10/2023 9:29:42 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 9:37:00 PM	75447
Surr: BFB	97.7	15-244		%Rec	1	6/17/2023 9:37:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/17/2023 9:37:00 PM	75447
Toluene	ND	0.048		mg/Kg	1	6/17/2023 9:37:00 PM	75447
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 9:37:00 PM	75447
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 9:37:00 PM	75447
Surr: 4-Bromofluorobenzene	91.7	39.1-146		%Rec	1	6/17/2023 9:37:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp23 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-136

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	61		mg/Kg	20	6/16/2023 1:41:37 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 9:40:37 AM	75497
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 9:40:37 AM	75497
Surr: DNOP	77.1	69-147		%Rec	1	6/10/2023 9:40:37 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/17/2023 9:59:00 PM	75447
Surr: BFB	97.3	15-244		%Rec	1	6/17/2023 9:59:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/17/2023 9:59:00 PM	75447
Toluene	ND	0.046		mg/Kg	1	6/17/2023 9:59:00 PM	75447
Ethylbenzene	ND	0.046		mg/Kg	1	6/17/2023 9:59:00 PM	75447
Xylenes, Total	ND	0.093		mg/Kg	1	6/17/2023 9:59:00 PM	75447
Surr: 4-Bromofluorobenzene	91.9	39.1-146		%Rec	1	6/17/2023 9:59:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp23 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-137

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 1:54:01 PM	75648

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp23 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-138

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 2:06:25 PM	75648

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp24 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-139

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 2:18:50 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 9:51:30 AM	75497
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 9:51:30 AM	75497
Surr: DNOP	79.3	69-147		%Rec	1	6/10/2023 9:51:30 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 10:21:00 PM	75447
Surr: BFB	94.0	15-244		%Rec	1	6/17/2023 10:21:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/17/2023 10:21:00 PM	75447
Toluene	ND	0.049		mg/Kg	1	6/17/2023 10:21:00 PM	75447
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 10:21:00 PM	75447
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 10:21:00 PM	75447
Surr: 4-Bromofluorobenzene	90.5	39.1-146		%Rec	1	6/17/2023 10:21:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp24 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-140

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 2:31:15 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/10/2023 10:02:33 AM	75497
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/10/2023 10:02:33 AM	75497
Surr: DNOP	75.6	69-147		%Rec	1	6/10/2023 10:02:33 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 10:43:00 PM	75447
Surr: BFB	101	15-244		%Rec	1	6/17/2023 10:43:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/17/2023 10:43:00 PM	75447
Toluene	ND	0.049		mg/Kg	1	6/17/2023 10:43:00 PM	75447
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 10:43:00 PM	75447
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 10:43:00 PM	75447
Surr: 4-Bromofluorobenzene	91.2	39.1-146		%Rec	1	6/17/2023 10:43:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp24 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-141

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 2:43:38 PM	75648
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 10:13:35 AM	75497
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 10:13:35 AM	75497
Surr: DNOP	92.5	69-147		%Rec	1	6/10/2023 10:13:35 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/17/2023 11:04:00 PM	75447
Surr: BFB	102	15-244		%Rec	1	6/17/2023 11:04:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/17/2023 11:04:00 PM	75447
Toluene	ND	0.047		mg/Kg	1	6/17/2023 11:04:00 PM	75447
Ethylbenzene	ND	0.047		mg/Kg	1	6/17/2023 11:04:00 PM	75447
Xylenes, Total	ND	0.095		mg/Kg	1	6/17/2023 11:04:00 PM	75447
Surr: 4-Bromofluorobenzene	92.7	39.1-146		%Rec	1	6/17/2023 11:04:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp24 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-142

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 9:19:31 AM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 10:24:33 AM	75497
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 10:24:33 AM	75497
Surr: DNOP	80.1	69-147		%Rec	1	6/10/2023 10:24:33 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 11:26:00 PM	75447
Surr: BFB	99.9	15-244		%Rec	1	6/17/2023 11:26:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 11:26:00 PM	75447
Toluene	ND	0.048		mg/Kg	1	6/17/2023 11:26:00 PM	75447
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 11:26:00 PM	75447
Xylenes, Total	ND	0.095		mg/Kg	1	6/17/2023 11:26:00 PM	75447
Surr: 4-Bromofluorobenzene	91.0	39.1-146		%Rec	1	6/17/2023 11:26:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **SNS**

## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp24 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-144

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 9:44:13 AM	75673

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp25 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-145

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 10:21:14 AM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 10:35:32 AM	75497
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 10:35:32 AM	75497
Surr: DNOP	78.4	69-147		%Rec	1	6/10/2023 10:35:32 AM	75497
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>KMN</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 11:47:00 PM	75447
Surr: BFB	93.4	15-244		%Rec	1	6/17/2023 11:47:00 PM	75447
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>KMN</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 11:47:00 PM	75447
Toluene	ND	0.050		mg/Kg	1	6/17/2023 11:47:00 PM	75447
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 11:47:00 PM	75447
Xylenes, Total	ND	0.10		mg/Kg	1	6/17/2023 11:47:00 PM	75447
Surr: 4-Bromofluorobenzene	90.1	39.1-146		%Rec	1	6/17/2023 11:47:00 PM	75447

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp25 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-147

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 11:10:36 AM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/10/2023 2:15:13 AM	75482
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 2:15:13 AM	75482
Surr: DNOP	88.8	69-147		%Rec	1	6/10/2023 2:15:13 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 1:02:58 AM	75453
Surr: BFB	99.2	15-244		%Rec	1	6/17/2023 1:02:58 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 1:02:58 AM	75453
Toluene	ND	0.050		mg/Kg	1	6/17/2023 1:02:58 AM	75453
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 1:02:58 AM	75453
Xylenes, Total	ND	0.10		mg/Kg	1	6/17/2023 1:02:58 AM	75453
Surr: 4-Bromofluorobenzene	87.2	39.1-146		%Rec	1	6/17/2023 1:02:58 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp25 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-148

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 11:22:56 AM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 2:26:06 AM	75482
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 2:26:06 AM	75482
Surr: DNOP	88.6	69-147		%Rec	1	6/10/2023 2:26:06 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 2:13:16 AM	75453
Surr: BFB	97.0	15-244		%Rec	1	6/17/2023 2:13:16 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 2:13:16 AM	75453
Toluene	ND	0.048		mg/Kg	1	6/17/2023 2:13:16 AM	75453
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 2:13:16 AM	75453
Xylenes, Total	ND	0.096		mg/Kg	1	6/17/2023 2:13:16 AM	75453
Surr: 4-Bromofluorobenzene	85.5	39.1-146		%Rec	1	6/17/2023 2:13:16 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp25 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-149

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 11:35:17 AM	75673

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **SNS**

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp26 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-151

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/17/2023 11:59:57 AM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/10/2023 2:37:01 AM	75482
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 2:37:01 AM	75482
Surr: DNOP	88.8	69-147		%Rec	1	6/10/2023 2:37:01 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 2:36:34 AM	75453
Surr: BFB	97.5	15-244		%Rec	1	6/17/2023 2:36:34 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 2:36:34 AM	75453
Toluene	ND	0.050		mg/Kg	1	6/17/2023 2:36:34 AM	75453
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 2:36:34 AM	75453
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 2:36:34 AM	75453
Surr: 4-Bromofluorobenzene	85.8	39.1-146		%Rec	1	6/17/2023 2:36:34 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp26 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-152

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	61		mg/Kg	20	6/17/2023 12:12:18 PM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/10/2023 2:47:56 AM	75482
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 2:47:56 AM	75482
Surr: DNOP	90.3	69-147		%Rec	1	6/10/2023 2:47:56 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 2:59:51 AM	75453
Surr: BFB	96.6	15-244		%Rec	1	6/17/2023 2:59:51 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 2:59:51 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 2:59:51 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 2:59:51 AM	75453
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 2:59:51 AM	75453
Surr: 4-Bromofluorobenzene	84.5	39.1-146		%Rec	1	6/17/2023 2:59:51 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp26 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-153

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	61		mg/Kg	20	6/17/2023 12:24:38 PM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 2:58:51 AM	75482
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 2:58:51 AM	75482
Surr: DNOP	85.5	69-147		%Rec	1	6/10/2023 2:58:51 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 3:23:12 AM	75453
Surr: BFB	101	15-244		%Rec	1	6/17/2023 3:23:12 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 3:23:12 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 3:23:12 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 3:23:12 AM	75453
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 3:23:12 AM	75453
Surr: 4-Bromofluorobenzene	88.4	39.1-146		%Rec	1	6/17/2023 3:23:12 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report  
Lab Order 2306247  
Date Reported: 7/5/2023

CLIENT: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23  
Lab ID: 2306247-154  
Matrix: SOIL  
Client Sample ID: Sp26 3-4  
Collection Date: 6/5/2023  
Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/17/2023 12:36:58 PM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	6/10/2023 3:09:47 AM	75482
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/10/2023 3:09:47 AM	75482
Surr: DNOP	92.5	69-147		%Rec	1	6/10/2023 3:09:47 AM	75482
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 3:46:34 AM	75453
Surr: BFB	99.5	15-244		%Rec	1	6/17/2023 3:46:34 AM	75453
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/17/2023 3:46:34 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 3:46:34 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 3:46:34 AM	75453
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 3:46:34 AM	75453
Surr: 4-Bromofluorobenzene	87.3	39.1-146		%Rec	1	6/17/2023 3:46:34 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp26 4-5

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-155

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 12:49:18 PM	75673

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp26 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-156

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 1:26:20 PM	75673

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp27 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-157

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 1:38:41 PM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	18	9.2		mg/Kg	1	6/13/2023 9:24:27 AM	75482
Motor Oil Range Organics (MRO)	71	46		mg/Kg	1	6/13/2023 9:24:27 AM	75482
Surr: DNOP	91.0	69-147		%Rec	1	6/13/2023 9:24:27 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/17/2023 4:09:53 AM	75453
Surr: BFB	99.4	15-244		%Rec	1	6/17/2023 4:09:53 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 4:09:53 AM	75453
Toluene	ND	0.050		mg/Kg	1	6/17/2023 4:09:53 AM	75453
Ethylbenzene	ND	0.050		mg/Kg	1	6/17/2023 4:09:53 AM	75453
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 4:09:53 AM	75453
Surr: 4-Bromofluorobenzene	87.0	39.1-146		%Rec	1	6/17/2023 4:09:53 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp27 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-158

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 1:51:01 PM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 3:42:27 AM	75482
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 3:42:27 AM	75482
Surr: DNOP	95.6	69-147		%Rec	1	6/10/2023 3:42:27 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 4:33:20 AM	75453
Surr: BFB	98.2	15-244		%Rec	1	6/17/2023 4:33:20 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 4:33:20 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 4:33:20 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 4:33:20 AM	75453
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 4:33:20 AM	75453
Surr: 4-Bromofluorobenzene	85.2	39.1-146		%Rec	1	6/17/2023 4:33:20 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp27 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-159

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 2:03:22 PM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/10/2023 3:53:23 AM	75482
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 3:53:23 AM	75482
Surr: DNOP	96.0	69-147		%Rec	1	6/10/2023 3:53:23 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 4:56:42 AM	75453
Surr: BFB	99.6	15-244		%Rec	1	6/17/2023 4:56:42 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 4:56:42 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 4:56:42 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 4:56:42 AM	75453
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 4:56:42 AM	75453
Surr: 4-Bromofluorobenzene	87.7	39.1-146		%Rec	1	6/17/2023 4:56:42 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp27 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-160

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 2:15:43 PM	75673
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/10/2023 4:15:13 AM	75482
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 4:15:13 AM	75482
Surr: DNOP	93.8	69-147		%Rec	1	6/10/2023 4:15:13 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 5:43:18 AM	75453
Surr: BFB	104	15-244		%Rec	1	6/17/2023 5:43:18 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 5:43:18 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 5:43:18 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 5:43:18 AM	75453
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 5:43:18 AM	75453
Surr: 4-Bromofluorobenzene	91.2	39.1-146		%Rec	1	6/17/2023 5:43:18 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp27 4-5

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-161

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 2:28:03 PM	75673

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp27 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-162

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 3:05:05 PM	75674

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp28 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-163

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/17/2023 3:17:26 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	9.6	9.3		mg/Kg	1	6/10/2023 4:26:17 AM	75482
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 4:26:17 AM	75482
Surr: DNOP	113	69-147		%Rec	1	6/10/2023 4:26:17 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 6:06:39 AM	75453
Surr: BFB	101	15-244		%Rec	1	6/17/2023 6:06:39 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 6:06:39 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 6:06:39 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 6:06:39 AM	75453
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 6:06:39 AM	75453
Surr: 4-Bromofluorobenzene	89.0	39.1-146		%Rec	1	6/17/2023 6:06:39 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp28 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-164

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 3:54:28 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/10/2023 4:37:19 AM	75482
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 4:37:19 AM	75482
Surr: DNOP	96.0	69-147		%Rec	1	6/10/2023 4:37:19 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 6:30:01 AM	75453
Surr: BFB	99.9	15-244		%Rec	1	6/17/2023 6:30:01 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 6:30:01 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 6:30:01 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 6:30:01 AM	75453
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 6:30:01 AM	75453
Surr: 4-Bromofluorobenzene	88.7	39.1-146		%Rec	1	6/17/2023 6:30:01 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp28 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-165

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 4:06:49 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/10/2023 4:48:21 AM	75482
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 4:48:21 AM	75482
Surr: DNOP	99.7	69-147		%Rec	1	6/10/2023 4:48:21 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 6:53:28 AM	75453
Surr: BFB	99.0	15-244		%Rec	1	6/17/2023 6:53:28 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 6:53:28 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 6:53:28 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 6:53:28 AM	75453
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 6:53:28 AM	75453
Surr: 4-Bromofluorobenzene	86.3	39.1-146		%Rec	1	6/17/2023 6:53:28 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp28 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-167

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 4:31:30 PM	75674

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** Sp28 5-6

**Project:** GB16 WL 6 5 23

**Collection Date:** 6/5/2023

**Lab ID:** 2306247-168

**Matrix:** SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: <b>SNS</b>
Chloride	ND	59		mg/Kg	20	6/17/2023 4:43:50 PM	75674

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp29 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-169

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 4:56:11 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 5:10:19 AM	75482
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 5:10:19 AM	75482
Surr: DNOP	96.0	69-147		%Rec	1	6/10/2023 5:10:19 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 7:40:38 AM	75453
Surr: BFB	99.3	15-244		%Rec	1	6/17/2023 7:40:38 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 7:40:38 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 7:40:38 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 7:40:38 AM	75453
Xylenes, Total	ND	0.098		mg/Kg	1	6/17/2023 7:40:38 AM	75453
Surr: 4-Bromofluorobenzene	86.2	39.1-146		%Rec	1	6/17/2023 7:40:38 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp29 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-170

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 5:33:13 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 5:21:17 AM	75482
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 5:21:17 AM	75482
Surr: DNOP	94.7	69-147		%Rec	1	6/10/2023 5:21:17 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 8:04:14 AM	75453
Surr: BFB	97.0	15-244		%Rec	1	6/17/2023 8:04:14 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 8:04:14 AM	75453
Toluene	ND	0.048		mg/Kg	1	6/17/2023 8:04:14 AM	75453
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 8:04:14 AM	75453
Xylenes, Total	ND	0.096		mg/Kg	1	6/17/2023 8:04:14 AM	75453
Surr: 4-Bromofluorobenzene	84.5	39.1-146		%Rec	1	6/17/2023 8:04:14 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp29 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-171

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 5:45:34 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/10/2023 5:32:14 AM	75482
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/10/2023 5:32:14 AM	75482
Surr: DNOP	98.5	69-147		%Rec	1	6/10/2023 5:32:14 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 8:27:51 AM	75453
Surr: BFB	98.4	15-244		%Rec	1	6/17/2023 8:27:51 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/17/2023 8:27:51 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 8:27:51 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 8:27:51 AM	75453
Xylenes, Total	ND	0.099		mg/Kg	1	6/17/2023 8:27:51 AM	75453
Surr: 4-Bromofluorobenzene	85.5	39.1-146		%Rec	1	6/17/2023 8:27:51 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp29 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-172

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 6:22:34 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 5:43:09 AM	75482
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 5:43:09 AM	75482
Surr: DNOP	97.1	69-147		%Rec	1	6/10/2023 5:43:09 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 8:51:12 AM	75453
Surr: BFB	98.4	15-244		%Rec	1	6/17/2023 8:51:12 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 8:51:12 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 8:51:12 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 8:51:12 AM	75453
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 8:51:12 AM	75453
Surr: 4-Bromofluorobenzene	85.9	39.1-146		%Rec	1	6/17/2023 8:51:12 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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**Analytical Report**Lab Order **2306247**

Date Reported: 7/5/2023

**Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Burnett Oil Co Inc**Client Sample ID:** Sp29 5-6**Project:** GB16 WL 6 5 23**Collection Date:** 6/5/2023**Lab ID:** 2306247-174**Matrix:** SOIL**Received Date:** 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 6:47:16 PM	75674

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp30 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-175

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 6:59:37 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 5:54:03 AM	75482
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/10/2023 5:54:03 AM	75482
Surr: DNOP	112	69-147		%Rec	1	6/10/2023 5:54:03 AM	75482
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 9:14:34 AM	75453
Surr: BFB	99.8	15-244		%Rec	1	6/17/2023 9:14:34 AM	75453
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	6/17/2023 9:14:34 AM	75453
Toluene	ND	0.048		mg/Kg	1	6/17/2023 9:14:34 AM	75453
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 9:14:34 AM	75453
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 9:14:34 AM	75453
Surr: 4-Bromofluorobenzene	87.0	39.1-146		%Rec	1	6/17/2023 9:14:34 AM	75453

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp30 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-176

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 7:11:58 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/11/2023 5:20:11 PM	75472
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/11/2023 5:20:11 PM	75472
Surr: DNOP	86.3	69-147		%Rec	1	6/11/2023 5:20:11 PM	75472
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/10/2023 3:42:29 AM	75463
Surr: BFB	95.2	15-244		%Rec	1	6/10/2023 3:42:29 AM	75463
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/10/2023 3:42:29 AM	75463
Toluene	ND	0.050		mg/Kg	1	6/10/2023 3:42:29 AM	75463
Ethylbenzene	ND	0.050		mg/Kg	1	6/10/2023 3:42:29 AM	75463
Xylenes, Total	ND	0.10		mg/Kg	1	6/10/2023 3:42:29 AM	75463
Surr: 4-Bromofluorobenzene	90.2	39.1-146		%Rec	1	6/10/2023 3:42:29 AM	75463

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp30 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-177

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 7:24:18 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/11/2023 5:44:35 PM	75472
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/11/2023 5:44:35 PM	75472
Surr: DNOP	87.1	69-147		%Rec	1	6/11/2023 5:44:35 PM	75472
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/10/2023 4:05:55 AM	75463
Surr: BFB	97.6	15-244		%Rec	1	6/10/2023 4:05:55 AM	75463
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.024		mg/Kg	1	6/10/2023 4:05:55 AM	75463
Toluene	ND	0.048		mg/Kg	1	6/10/2023 4:05:55 AM	75463
Ethylbenzene	ND	0.048		mg/Kg	1	6/10/2023 4:05:55 AM	75463
Xylenes, Total	ND	0.096		mg/Kg	1	6/10/2023 4:05:55 AM	75463
Surr: 4-Bromofluorobenzene	91.1	39.1-146		%Rec	1	6/10/2023 4:05:55 AM	75463

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

## Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp30 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-178

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>SNS</b>
Chloride	ND	60		mg/Kg	20	6/17/2023 7:36:39 PM	75674
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>DGH</b>
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/11/2023 6:08:57 PM	75472
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/11/2023 6:08:57 PM	75472
Surr: DNOP	89.1	69-147		%Rec	1	6/11/2023 6:08:57 PM	75472
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>JJP</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/10/2023 4:29:20 AM	75463
Surr: BFB	99.0	15-244		%Rec	1	6/10/2023 4:29:20 AM	75463
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>JJP</b>
Benzene	ND	0.025		mg/Kg	1	6/10/2023 4:29:20 AM	75463
Toluene	ND	0.050		mg/Kg	1	6/10/2023 4:29:20 AM	75463
Ethylbenzene	ND	0.050		mg/Kg	1	6/10/2023 4:29:20 AM	75463
Xylenes, Total	ND	0.10		mg/Kg	1	6/10/2023 4:29:20 AM	75463
Surr: 4-Bromofluorobenzene	93.2	39.1-146		%Rec	1	6/10/2023 4:29:20 AM	75463

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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## Date Reported: 7/5/2023

Received Date: 6/7/2023 7:35:00 AM

Analyst: **SNS**

## Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp30 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-180

Matrix: SOIL

Received Date: 6/7/2023 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/17/2023 8:01:20 PM	75674

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	Above Quantitation Range/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 standard limits. If undiluted results may be estimated.		

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# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2306247

05-Jul-23

Client: Burnett Oil Co Inc

Project: GB16 WL 6 5 23

Sample ID: <b>MB-75535</b>	SampType: <b>ms</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>75535</b>	RunNo: <b>97378</b>								
Prep Date: <b>6/12/2023</b>	Analysis Date: <b>6/12/2023</b>	SeqNo: <b>3538210</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5	15.00	0	0	47.4	150			S

Sample ID: <b>LCS-75535</b>	SampType: <b>msd</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>75535</b>	RunNo: <b>97378</b>								
Prep Date: <b>6/12/2023</b>	Analysis Date: <b>6/12/2023</b>	SeqNo: <b>3538211</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.3	44.8	154			

Sample ID: <b>MB-75530</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75530</b>	RunNo: <b>97377</b>								
Prep Date: <b>6/12/2023</b>	Analysis Date: <b>6/12/2023</b>	SeqNo: <b>3538540</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-75530</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75530</b>	RunNo: <b>97377</b>								
Prep Date: <b>6/12/2023</b>	Analysis Date: <b>6/12/2023</b>	SeqNo: <b>3538541</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: <b>MB-75549</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75549</b>	RunNo: <b>97403</b>								
Prep Date: <b>6/13/2023</b>	Analysis Date: <b>6/13/2023</b>	SeqNo: <b>3539950</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-75549</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75549</b>	RunNo: <b>97403</b>								
Prep Date: <b>6/13/2023</b>	Analysis Date: <b>6/13/2023</b>	SeqNo: <b>3539951</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2306247

05-Jul-23

Client: Burnett Oil Co Inc

Project: GB16 WL 6 5 23

Sample ID: <b>mb-75566</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75566</b>	RunNo: <b>97403</b>								
Prep Date: <b>6/13/2023</b>	Analysis Date: <b>6/13/2023</b>	SeqNo: <b>3540012</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>lcs-75566</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75566</b>	RunNo: <b>97403</b>								
Prep Date: <b>6/13/2023</b>	Analysis Date: <b>6/13/2023</b>	SeqNo: <b>3540013</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.3	90	110			

Sample ID: <b>MB-75574</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75574</b>	RunNo: <b>97431</b>								
Prep Date: <b>6/14/2023</b>	Analysis Date: <b>6/14/2023</b>	SeqNo: <b>3541422</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-75574</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75574</b>	RunNo: <b>97431</b>								
Prep Date: <b>6/14/2023</b>	Analysis Date: <b>6/14/2023</b>	SeqNo: <b>3541423</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.5	90	110			

Sample ID: <b>MB-75638</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75638</b>	RunNo: <b>97471</b>								
Prep Date: <b>6/15/2023</b>	Analysis Date: <b>6/15/2023</b>	SeqNo: <b>3542399</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-75638</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75638</b>	RunNo: <b>97471</b>								
Prep Date: <b>6/15/2023</b>	Analysis Date: <b>6/15/2023</b>	SeqNo: <b>3542400</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	90	110			

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2306247

05-Jul-23

Client: Burnett Oil Co Inc

Project: GB16 WL 6 5 23

Sample ID: MB-75637	SampType: MBLK	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 75637	RunNo: 97494
Prep Date: 6/15/2023	Analysis Date: 6/15/2023	SeqNo: 3542529 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-75637	SampType: LCS	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 75637	RunNo: 97494
Prep Date: 6/15/2023	Analysis Date: 6/15/2023	SeqNo: 3542530 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 94.1 90 110

Sample ID: LCS-75648	SampType: LCS	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 75648	RunNo: 97535
Prep Date: 6/16/2023	Analysis Date: 6/16/2023	SeqNo: 3544504 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 94.3 90 110

Sample ID: MB-75648	SampType: MBLK	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 75648	RunNo: 97535
Prep Date: 6/16/2023	Analysis Date: 6/16/2023	SeqNo: 3544505 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: MB-75673	SampType: MBLK	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 75673	RunNo: 97542
Prep Date: 6/16/2023	Analysis Date: 6/17/2023	SeqNo: 3545378 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-75673	SampType: LCS	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 75673	RunNo: 97542
Prep Date: 6/16/2023	Analysis Date: 6/17/2023	SeqNo: 3545379 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 93.8 90 110

### Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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QC SUMMARY REPORT  
Hall Environmental Analysis Laboratory, Inc.

WO#: 2306247  
05-Jul-23

Client: Burnett Oil Co Inc  
Project: GB16 WL 6 5 23

Sample ID: MB-75674	SampType: MBLK	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 75674	RunNo: 97542
Prep Date: 6/16/2023	Analysis Date: 6/17/2023	SeqNo: 3545380 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-75674	SampType: LCS	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 75674	RunNo: 97542
Prep Date: 6/16/2023	Analysis Date: 6/17/2023	SeqNo: 3545381 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 93.8 90 110

Qualifiers:

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>LCS-75443</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75443</b>		RunNo: <b>97297</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/8/2023</b>		SeqNo: <b>3535108</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	101	61.9	130			
Surr: DNOP	4.6		5.000		92.8	69	147			

Sample ID: <b>LCS-75449</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75449</b>		RunNo: <b>97297</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/8/2023</b>		SeqNo: <b>3535109</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	65	10	50.00	0	129	61.9	130			
Surr: DNOP	4.8		5.000		96.1	69	147			

Sample ID: <b>LCS-75450</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75450</b>		RunNo: <b>97297</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/8/2023</b>		SeqNo: <b>3535110</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	91.1	61.9	130			
Surr: DNOP	4.1		5.000		82.9	69	147			

Sample ID: <b>MB-75443</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75443</b>		RunNo: <b>97297</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/8/2023</b>		SeqNo: <b>3535119</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.2		10.00		91.8	69	147			

Sample ID: <b>MB-75449</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75449</b>		RunNo: <b>97297</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/8/2023</b>		SeqNo: <b>3535120</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		101	69	147			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>MB-75450</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75450</b>	RunNo: <b>97297</b>								
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/8/2023</b>	SeqNo: <b>3535121</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		100	69	147			

Sample ID: <b>2306247-086AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp15 1-2</b>	Batch ID: <b>75479</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3536540</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	35	10	50.15	0	69.0	54.2	135			
Surr: DNOP	5.0		5.015		100	69	147			

Sample ID: <b>2306247-086AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp15 1-2</b>	Batch ID: <b>75479</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3536541</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34	9.8	48.97	0	70.0	54.2	135	1.02	29.2	
Surr: DNOP	5.0		4.897		102	69	147	0	0	

Sample ID: <b>2306247-145AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp25 0-1</b>	Batch ID: <b>75497</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/9/2023</b>	Analysis Date: <b>6/10/2023</b>	SeqNo: <b>3536562</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	35	9.7	48.54	0	72.7	54.2	135			
Surr: DNOP	4.3		4.854		88.2	69	147			

Sample ID: <b>2306247-145AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp25 0-1</b>	Batch ID: <b>75497</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/9/2023</b>	Analysis Date: <b>6/10/2023</b>	SeqNo: <b>3536563</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	35	9.7	48.73	0	71.0	54.2	135	2.04	29.2	
Surr: DNOP	4.3		4.873		88.5	69	147	0	0	

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>2306247-175AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp30 0-1</b>	Batch ID: <b>75482</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/9/2023</b>	Analysis Date: <b>6/10/2023</b>	SeqNo: <b>3536584</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34	9.6	47.94	0	70.4	54.2	135			
Surr: DNOP	4.3		4.794		90.0	69	147			

Sample ID: <b>2306247-175AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp30 0-1</b>	Batch ID: <b>75482</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/9/2023</b>	Analysis Date: <b>6/10/2023</b>	SeqNo: <b>3536585</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	9.9	49.41	0	78.2	54.2	135	13.6	29.2	
Surr: DNOP	4.6		4.941		93.8	69	147	0	0	

Sample ID: <b>2306247-176AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp30 1-2</b>	Batch ID: <b>75472</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3536586</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.8	49.07	0	72.4	54.2	135			
Surr: DNOP	5.3		4.907		109	69	147			

Sample ID: <b>2306247-176AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp30 1-2</b>	Batch ID: <b>75472</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3536587</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.7	48.54	0	74.7	54.2	135	2.17	29.2	
Surr: DNOP	5.1		4.854		106	69	147	0	0	

Sample ID: <b>LCS-75472</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75472</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3536610</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	79.3	61.9	130			
Surr: DNOP	5.2		5.000		103	69	147			

Sample ID: <b>LCS-75479</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75479</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3536611</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>LCS-75479</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>75479</b>			RunNo: <b>97343</b>						
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>			SeqNo: <b>3536611</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	10	50.00	0	77.4	61.9	130			
Surr: DNOP	4.9		5.000		97.8	69	147			

Sample ID: <b>LCS-75482</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>75482</b>			RunNo: <b>97343</b>						
Prep Date: <b>6/9/2023</b>	Analysis Date: <b>6/10/2023</b>			SeqNo: <b>3536612</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	34	10	50.00	0	67.1	61.9	130			
Surr: DNOP	4.4		5.000		88.6	69	147			

Sample ID: <b>LCS-75497</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>75497</b>			RunNo: <b>97343</b>						
Prep Date: <b>6/9/2023</b>	Analysis Date: <b>6/10/2023</b>			SeqNo: <b>3536613</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	35	10	50.00	0	69.8	61.9	130			
Surr: DNOP	4.3		5.000		86.2	69	147			

Sample ID: <b>MB-75472</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>75472</b>			RunNo: <b>97343</b>						
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>			SeqNo: <b>3536615</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		119	69	147			

Sample ID: <b>MB-75479</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>75479</b>			RunNo: <b>97343</b>						
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>			SeqNo: <b>3536616</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		97.3	69	147			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>MB-75482</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75482</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/9/2023</b>	Analysis Date: <b>6/10/2023</b>	SeqNo: <b>3536617</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.1		10.00		80.8	69	147			

Sample ID: <b>MB-75497</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75497</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/9/2023</b>	Analysis Date: <b>6/10/2023</b>	SeqNo: <b>3536618</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.6		10.00		86.4	69	147			

Sample ID: <b>2306247-026AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp5 1-2</b>	Batch ID: <b>75443</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3536630</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.9	49.46	0	80.6	54.2	135			
Surr: DNOP	4.9		4.946		98.3	69	147			

Sample ID: <b>2306247-026AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp5 1-2</b>	Batch ID: <b>75443</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3536631</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	9.5	47.53	0	76.6	54.2	135	9.00	29.2	
Surr: DNOP	4.6		4.753		96.6	69	147	0	0	

Sample ID: <b>2306247-056AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp10 1-2</b>	Batch ID: <b>75450</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3538688</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	9.8	49.02	0	81.7	54.2	135			
Surr: DNOP	4.8		4.902		98.1	69	147			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>2306247-056AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp10 1-2</b>	Batch ID: <b>75450</b>	RunNo: <b>97343</b>								
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/9/2023</b>	SeqNo: <b>3538689</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	9.7	48.59	0	87.5	54.2	135	6.00	29.2	
Surr: DNOP	5.2		4.859		107	69	147	0	0	

Sample ID: <b>LCS-75907</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>75907</b>	RunNo: <b>97879</b>								
Prep Date: <b>6/29/2023</b>	Analysis Date: <b>6/30/2023</b>	SeqNo: <b>3560506</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.7	61.9	130			
Surr: DNOP	4.5		5.000		90.7	69	147			

Sample ID: <b>MB-75907</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>75907</b>	RunNo: <b>97879</b>								
Prep Date: <b>6/29/2023</b>	Analysis Date: <b>6/30/2023</b>	SeqNo: <b>3560510</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.3	69	147			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>ics-75463</b>	SampType: <b>LCS</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>75463</b>				RunNo: <b>97323</b>					
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>				SeqNo: <b>3537033</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.8	70	130			
Surr: BFB	2100		1000		206	15	244			

Sample ID: <b>mb-75463</b>	SampType: <b>MBLK</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>PBS</b>	Batch ID: <b>75463</b>				RunNo: <b>97323</b>					
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>				SeqNo: <b>3537035</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	15	244			

Sample ID: <b>ics-75430</b>	SampType: <b>LCS</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>75430</b>				RunNo: <b>97455</b>					
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>				SeqNo: <b>3540913</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	70	130			
Surr: BFB	2200		1000		220	15	244			

Sample ID: <b>mb-75430</b>	SampType: <b>MBLK</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>PBS</b>	Batch ID: <b>75430</b>				RunNo: <b>97455</b>					
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>				SeqNo: <b>3540914</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		100	15	244			

Sample ID: <b>ics-75432</b>	SampType: <b>LCS</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>75432</b>				RunNo: <b>97436</b>					
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>				SeqNo: <b>3542434</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.5	70	130			
Surr: BFB	2300		1000		225	15	244			

Sample ID: <b>mb-75432</b>	SampType: <b>MBLK</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>PBS</b>	Batch ID: <b>75432</b>				RunNo: <b>97436</b>					
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>				SeqNo: <b>3542435</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>mb-75432</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75432</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>		SeqNo: <b>3542435</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		101	15	244			

Sample ID: <b>2306247-026ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp5 1-2</b>	Batch ID: <b>75432</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>		SeqNo: <b>3542437</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.9	24.63	0	92.2	70	130			
Surr: BFB	2100		985.2		216	15	244			

Sample ID: <b>2306247-026amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp5 1-2</b>	Batch ID: <b>75432</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>		SeqNo: <b>3542438</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.9	24.51	0	95.2	70	130	2.63	20	
Surr: BFB	2200		980.4		224	15	244	0	0	

Sample ID: <b>lcs-75438</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542458</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	102	70	130			
Surr: BFB	2300		1000		231	15	244			

Sample ID: <b>mb-75438</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542459</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	940		1000		93.6	15	244			

Sample ID: <b>2306247-056ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp10 1-2</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542461</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>2306247-056ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp10 1-2</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542461</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.65	0	90.8	70	130			
Surr: BFB	2100		986.2		214	15	244			

Sample ID: <b>2306247-056amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp10 1-2</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542462</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	24.90	0	92.2	70	130	2.43	20	
Surr: BFB	2100		996.0		216	15	244	0	0	

Sample ID: <b>2306247-146ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp25 1-2</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543609</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.8	24.08	0	92.0	70	130			
Surr: BFB	1900		963.4		202	15	244			

Sample ID: <b>2306247-146amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp25 1-2</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543610</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.8	24.25	0	91.8	70	130	0.459	20	
Surr: BFB	1900		969.9		201	15	244	0	0	

Sample ID: <b>lcs-75453</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3543632</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.5	70	130			
Surr: BFB	2000		1000		203	15	244			

Sample ID: <b>mb-75453</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3543633</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>mb-75453</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3543633</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	15	244			

Sample ID: <b>lcs-75444</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75444</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543795</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.8	70	130			
Surr: BFB	2100		1000		208	15	244			

Sample ID: <b>mb-75444</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75444</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543796</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	950		1000		94.8	15	244			

Sample ID: <b>2306247-086ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp15 1-2</b>	Batch ID: <b>75444</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543798</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	24.78	0	87.9	70	130			
Surr: BFB	2100		991.1		208	15	244			

Sample ID: <b>2306247-086amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp15 1-2</b>	Batch ID: <b>75444</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543799</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.9	24.56	0	87.8	70	130	0.934	20	
Surr: BFB	2000		982.3		204	15	244	0	0	

Sample ID: <b>2306247-116ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp20 1-2</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543821</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

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D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>2306247-116ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp20 1-2</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543821</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.34	0	86.4	70	130			
Surr: BFB	2100		973.7		211	15	244			

Sample ID: <b>2306247-116amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>Sp20 1-2</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543822</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.27	0	88.2	70	130	1.72	20	
Surr: BFB	2100		970.9		212	15	244	0	0	

Sample ID: <b>MB-75447</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3545004</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		98.1	15	244			

Sample ID: <b>lcs-75447</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3545005</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.5	70	130			
Surr: BFB	2100		1000		207	15	244			

Sample ID: <b>mb-75895</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75895</b>		RunNo: <b>97810</b>							
Prep Date: <b>6/28/2023</b>	Analysis Date: <b>6/29/2023</b>		SeqNo: <b>3558395</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		110	15	244			

**Qualifiers:**

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D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>LCS-75463</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>75463</b>			RunNo: <b>97323</b>						
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>			SeqNo: <b>3537095</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.7	70	130			
Toluene	0.89	0.050	1.000	0	89.4	70	130			
Ethylbenzene	0.89	0.050	1.000	0	88.7	70	130			
Xylenes, Total	2.7	0.10	3.000	0	90.0	70	130			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.8	39.1	146			

Sample ID: <b>mb-75463</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>75463</b>			RunNo: <b>97323</b>						
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/9/2023</b>			SeqNo: <b>3537097</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		96.7	39.1	146			

Sample ID: <b>lcs-75430</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>75430</b>			RunNo: <b>97455</b>						
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>			SeqNo: <b>3541010</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	97.9	70	130			
Toluene	0.98	0.050	1.000	0	98.3	70	130			
Ethylbenzene	0.97	0.050	1.000	0	97.0	70	130			
Xylenes, Total	2.9	0.10	3.000	0	96.2	70	130			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.5	39.1	146			

Sample ID: <b>mb-75430</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>75430</b>			RunNo: <b>97455</b>						
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>			SeqNo: <b>3541011</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.2	39.1	146			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>lcs-75432</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75432</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>		SeqNo: <b>3542467</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.1	70	130			
Toluene	0.88	0.050	1.000	0	87.7	70	130			
Ethylbenzene	0.88	0.050	1.000	0	88.3	70	130			
Xylenes, Total	2.6	0.10	3.000	0	88.1	70	130			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.6	39.1	146			

Sample ID: <b>mb-75432</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75432</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>		SeqNo: <b>3542468</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.96		1.000		96.2	39.1	146			

Sample ID: <b>2306247-027ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>Sp5 2-3</b>	Batch ID: <b>75432</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>		SeqNo: <b>3542471</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.024	0.9606	0	92.9	70	130			
Toluene	0.90	0.048	0.9606	0	93.4	70	130			
Ethylbenzene	0.90	0.048	0.9606	0	93.6	70	130			
Xylenes, Total	2.7	0.096	2.882	0	93.2	70	130			
Surr: 4-Bromofluorobenzene	0.92		0.9606		96.2	39.1	146			

Sample ID: <b>2306247-027amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>Sp5 2-3</b>	Batch ID: <b>75432</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/15/2023</b>		SeqNo: <b>3542472</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.024	0.9579	0	94.4	70	130	1.29	20	
Toluene	0.91	0.048	0.9579	0	95.3	70	130	1.67	20	
Ethylbenzene	0.91	0.048	0.9579	0	94.7	70	130	0.836	20	
Xylenes, Total	2.7	0.096	2.874	0	94.7	70	130	1.26	20	
Surr: 4-Bromofluorobenzene	0.94		0.9579		97.9	39.1	146	0	0	

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>lcs-75438</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542491</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	94.9	70	130			
Toluene	0.95	0.050	1.000	0	95.5	70	130			
Ethylbenzene	0.95	0.050	1.000	0	95.5	70	130			
Xylenes, Total	2.9	0.10	3.000	0	95.1	70	130			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.3	39.1	146			

Sample ID: <b>mb-75438</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542492</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		90.9	39.1	146			

Sample ID: <b>2306247-057ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>Sp10 2-3</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542495</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	0.9872	0	91.4	70	130			
Toluene	0.91	0.049	0.9872	0	92.2	70	130			
Ethylbenzene	0.91	0.049	0.9872	0	91.8	70	130			
Xylenes, Total	2.7	0.099	2.962	0	91.2	70	130			
Surr: 4-Bromofluorobenzene	0.94		0.9872		95.3	39.1	146			

Sample ID: <b>2306247-057amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>Sp10 2-3</b>	Batch ID: <b>75438</b>		RunNo: <b>97436</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3542496</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.025	0.9881	0	86.0	70	130	6.08	20	
Toluene	0.89	0.049	0.9881	0	89.8	70	130	2.58	20	
Ethylbenzene	0.89	0.049	0.9881	0	90.5	70	130	1.27	20	
Xylenes, Total	2.7	0.099	2.964	0	90.0	70	130	1.21	20	
Surr: 4-Bromofluorobenzene	0.95		0.9881		96.0	39.1	146	0	0	

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>LCS-75453</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3543634</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.78	0.025	1.000	0	77.7	70	130			
Toluene	0.78	0.050	1.000	0	78.3	70	130			
Ethylbenzene	0.77	0.050	1.000	0	77.4	70	130			
Xylenes, Total	2.4	0.10	3.000	0	79.2	70	130			
Surr: 4-Bromofluorobenzene	0.89		1.000		89.0	39.1	146			

Sample ID: <b>mb-75453</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/16/2023</b>		SeqNo: <b>3543635</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.8	39.1	146			

Sample ID: <b>2306247-147ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>Sp25 2-3</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543638</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.75	0.025	0.9901	0	76.0	70	130			
Toluene	0.76	0.050	0.9901	0	76.3	70	130			
Ethylbenzene	0.76	0.050	0.9901	0	76.5	70	130			
Xylenes, Total	2.3	0.099	2.970	0	77.5	70	130			
Surr: 4-Bromofluorobenzene	0.87		0.9901		87.4	39.1	146			

Sample ID: <b>2306247-147amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>Sp25 2-3</b>	Batch ID: <b>75453</b>		RunNo: <b>97508</b>							
Prep Date: <b>6/8/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543639</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.77	0.025	0.9862	0	78.5	70	130	2.79	20	
Toluene	0.78	0.049	0.9862	0	79.2	70	130	3.32	20	
Ethylbenzene	0.77	0.049	0.9862	0	78.1	70	130	1.62	20	
Xylenes, Total	2.3	0.099	2.959	0	78.9	70	130	1.33	20	
Surr: 4-Bromofluorobenzene	0.87		0.9862		87.8	39.1	146	0	0	

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>lcs-75444</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>75444</b>			RunNo: <b>97501</b>						
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>			SeqNo: <b>3543842</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.7	70	130			
Toluene	0.95	0.050	1.000	0	94.6	70	130			
Ethylbenzene	0.94	0.050	1.000	0	94.1	70	130			
Xylenes, Total	2.8	0.10	3.000	0	93.5	70	130			
Surr: 4-Bromofluorobenzene	0.92		1.000		92.5	39.1	146			

Sample ID: <b>mb-75444</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>75444</b>			RunNo: <b>97501</b>						
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>			SeqNo: <b>3543843</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.90		1.000		90.4	39.1	146			

Sample ID: <b>2306247-087ams</b>	SampType: <b>MS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>Sp15 2-3</b>	Batch ID: <b>75444</b>			RunNo: <b>97501</b>						
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>			SeqNo: <b>3543846</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.024	0.9718	0	89.1	70	130			
Toluene	0.88	0.049	0.9718	0	90.8	70	130			
Ethylbenzene	0.88	0.049	0.9718	0	90.7	70	130			
Xylenes, Total	2.6	0.097	2.915	0	90.1	70	130			
Surr: 4-Bromofluorobenzene	0.94		0.9718		97.1	39.1	146			

Sample ID: <b>2306247-087amsd</b>	SampType: <b>MSD</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>Sp15 2-3</b>	Batch ID: <b>75444</b>			RunNo: <b>97501</b>						
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>			SeqNo: <b>3543847</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.024	0.9690	0	87.6	70	130	2.05	20	
Toluene	0.85	0.048	0.9690	0	87.6	70	130	3.78	20	
Ethylbenzene	0.86	0.048	0.9690	0	88.5	70	130	2.81	20	
Xylenes, Total	2.6	0.097	2.907	0	88.3	70	130	2.31	20	
Surr: 4-Bromofluorobenzene	0.94		0.9690		96.8	39.1	146	0	0	

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2306247

05-Jul-23

**Client:** Burnett Oil Co Inc**Project:** GB16 WL 6 5 23

Sample ID: <b>2306247-117ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>Sp20 2-3</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543870</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	0.9960	0	91.1	70	130			
Toluene	0.94	0.050	0.9960	0	94.9	70	130			
Ethylbenzene	0.95	0.050	0.9960	0	95.9	70	130			
Xylenes, Total	2.8	0.10	2.988	0	95.4	70	130			
Surr: 4-Bromofluorobenzene	0.99		0.9960		99.1	39.1	146			

Sample ID: <b>2306247-117amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>Sp20 2-3</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3543871</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	0.9921	0	90.5	70	130	1.04	20	
Toluene	0.92	0.050	0.9921	0	92.3	70	130	3.09	20	
Ethylbenzene	0.92	0.050	0.9921	0	92.9	70	130	3.53	20	
Xylenes, Total	2.8	0.099	2.976	0	92.7	70	130	3.23	20	
Surr: 4-Bromofluorobenzene	0.99		0.9921		99.3	39.1	146	0	0	

Sample ID: <b>MB-75447</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3545006</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		93.6	39.1	146			

Sample ID: <b>LCS-75447</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>75447</b>		RunNo: <b>97501</b>							
Prep Date: <b>6/7/2023</b>	Analysis Date: <b>6/17/2023</b>		SeqNo: <b>3545007</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.0	70	130			
Toluene	0.95	0.050	1.000	0	94.9	70	130			
Ethylbenzene	0.95	0.050	1.000	0	94.6	70	130			
Xylenes, Total	2.8	0.10	3.000	0	94.4	70	130			
Surr: 4-Bromofluorobenzene	0.94		1.000		93.9	39.1	146			

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2306247

05-Jul-23

Client: Burnett Oil Co Inc

Project: GB16 WL 6 5 23

Sample ID: mb-75895	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 75895	RunNo: 97810								
Prep Date: 6/28/2023	Analysis Date: 6/29/2023	SeqNo: 3558398	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		93.0	39.1	146			

Qualifiers:

\* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: Burnett Oil Co Inc

Work Order Number: 2306247

RcptNo: 1

Received By: Juan Rojas

6/7/2023 7:35:00 AM

*Juan Rojas*

Completed By: Desiree Dominguez

6/7/2023 8:27:10 AM

*DD*

Reviewed By: *JA 6-7-23*

### Chain of Custody

1. Is Chain of Custody complete? Yes ☐ No ☒ Not Present ☐
2. How was the sample delivered? Courier

### Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

(<2 or >12 unless noted)

Adjusted? \_\_\_\_\_

Checked by: *JR*

*SCM 06/07/23*

### Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: \_\_\_\_\_

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

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

Client e-mail not provided on COC. DAD 6/7/23

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.0	Good	Not Present	Yogi		
2	4.5	Good	Not Present	Yogi		
3	4.6	Good	Not Present	Yogi		



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

## Sample Log-In Check List

Client Name: Burnett Oil Co Inc

Work Order Number: 2306247

RcptNo: 1

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
4	3.0	Good	Not Present	Yogi		
5	4.6	Good	Not Present	Yogi		
6	3.9	Good	Not Present	Yogi		

## Chain-of-Custody Record

Client: BOCJMailing Address: P.O. Box 108Phone #: 505-709-5999email or Fax#: wburns@burnethill.comQA/QC Package: Rifreeman (Aspersory)☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)Turn-Around Time: 5 day☒ Standard ☒ RushProject Name: 6-B16 WL (6.5.23)Project #: 6-B16 WL (6.5.23)Project Manager: Bryan BurnsSampler: Don HoltOn Ice: ☒ Yes ☐ No# of Coolers: 6Cooler Temp (including CF): See Check 11.5.10C

Container Type and #

Preservative Type

HEAL No. 2306247

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

Time

Matrix

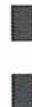
Sample Name

Date

Time

Matrix

Sample Name



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

BTEX / MTBE / TMB's (8021)

TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Remarks:

Received by: Don Holt Date: 6/16/23 Time: 530Received by: Don Holt Date: 6/16/23 Time: 530Received by: Don Holt Date: 6/16/23 Time: 530Received by: Don Holt Date: 6/16/23 Time: 530Received by: Don Holt Date: 6/16/23 Time: 530Received by: Don Holt Date: 6/16/23 Time: 530



Turn-Around Time:

☒ Standard ☒ Rush

6316 WL (6.5.23)

Phone #: 575-709-5999

email or Fax#: Wbarns@burnettair.com

QA/QC Package: K. Freeman-Aspington

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance ☐ Other  
☐ NELAC

☐ NELAC      ☐ Other \_\_\_\_\_

☐ EDD (Type) \_\_\_\_\_

<input type="checkbox"/> EDD (Type)	
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[illegible]

Date / Time	Matrix	Sample Name
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Date	Time	Matrix	Sample Name
11/1/20	14:00	JA	JA

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
1/5/23	Am sold	505.00		

[illegible][illegible]

1.2	2.3
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		2	3	:
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[illegible]

3-4	11-2
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4-5

[illegible]

2/5	3/5	4/5	5/5	6/5	7/5	8/5	9/5	10/5	11/5	12/5	13/5	14/5	15/5	16/5	17/5	18/5	19/5	20/5	21/5	22/5	23/5	24/5	25/5	26/5	27/5	28/5	29/5	30/5	31/5	32/5	33/5	34/5	35/5	36/5	37/5	38/5	39/5	40/5	41/5	42/5	43/5	44/5	45/5	46/5	47/5	48/5	49/5	50/5	51/5	52/5	53/5	54/5	55/5	56/5	57/5	58/5	59/5	60/5	61/5	62/5	63/5	64/5	65/5	66/5	67/5	68/5	69/5	70/5	71/5	72/5	73/5	74/5	75/5	76/5	77/5	78/5	79/5	80/5	81/5	82/5	83/5	84/5	85/5	86/5	87/5	88/5	89/5	90/5	91/5	92/5	93/5	94/5	95/5	96/5	97/5	98/5	99/5	100/5
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Sp6 0-1

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2-3

[illegible][illegible]

4-5

[illegible]

Time:	5-6	Relinquished by:	Rec:
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Time: <u>1:30</u>	Relinquished by: <u>Kim-Fan</u>	Rec: <u>4</u>
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7:33 AM	Center	Delivered to
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23/11/11	De Nier	

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If necessary, samples submitted to Hall Environmental may be subcontracted to:

*Released to Imaging: 3/10/2025 2:32:50 PM*

leased to Imaging: 3/10/2025 2:32:50 PM

THE UNIVERSITY OF CHICAGO Press

## Chain-of-Custody Record

Client:

BOC

Mailing Address:

P.O. Box 100

Loco Hills, NM 87155

Phone #:

575-709-5999

email or Fax#:

Wburns@bwhottail.com

QA/QC Package:

K. Treche &amp; Associates, Inc.

☐ Standard☐ Level 4 (Full Validation)

Accreditation:

☐ Az Compliance☐ NELAC☐ Other☐ EDD (Type)

Date

Time

Matrix

Sample Name

Sp7 0-1

1-2

2-3

3-4

4-5

5-6

Sp8 0-1

1-2

2-3

3-4

4-5

5-6

Date

Time

Matrix

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Sp7 0-1

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4-5

5-6

Sp8 0-1

1-2

2-3

3-4

4-5

5-6

Date

Time

Matrix

Sample Name





## Chain-of-Custody Record

Client: BocfMailing Address: P.O. Box 1081000 Hills NW 28255Phone #: 575-709-5999email or Fax#: wburns@burnettad.comQA/QC Package: K. Freeman & Associates☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type) \_\_\_\_\_Turn-Around Time: 5 day☒ Standard ☐ RushProject Name: GB16WL (6.5.23)

Project #:

Project Manager: Bryan Burns

Sampler:

On Ice: ☒ Yes ☐ No# of Coolers: 6Cooler Temp (including CF): See Checklist (°C)

Container Type and #

Preservative Type

HEAL No.

2308247

-073

-074

-075

-076

-077

-078

-079

-080

-081

-082

-083

-084

-085

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-404

## Chain-of-Custody Record

Client:

BOCI

Mailing Address:

PO Box 108

Low Mills NM 86255

Phone #:

575-709-5999

email or Fax#:

wburns@burnsthai.com

QA/QC Package: K. Freeman @ Kapa-grovid.us

☐ Standard☐ Level 4 (Full Validation)

Accreditation:

☐ Az Compliance☐ NELAC☐ Other☐ EDD (Type)

Date:

Time:

Matrix:

Sample Name

Date:

Time:

Matrix:

Sample Name

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## Chain-of-Custody Record

Client: BCIMailing Address: P.O. Box 188Loco Hills NM 88255Phone #: 575-709-5999email or Fax#: whyrms@bureaulink.comQA/QC Package: R. Freeman @ Asengrow.us☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type) \_\_\_\_\_Turn-Around Time: 6 day☒ Standard ☒ RushProject Name: GB16 WL (6.5.23)

Project #:

Project Manager: Bryan BurnsSampler: Don HuffOn Ice: ☒ Yes ☐ No# of Coolers: 6Cooler Temp (including CF): See Checklist (°C)

Container Type and #

Preservative Type

HEAL No. 2306247

Sample Name

Matrix

Date

Time

Matrix

Sample Name

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## Chain-of-Custody Record

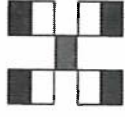
Client: BocF (Burnett Oil Co.)Mailing Address: P.O. Box 188Phone #: 575-709-5999email or Fax#: wburns@burnettoilco.comQA/QC Package: K. Freeman @ aspinflow.us☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)Turn-Around Time: 5 day☒ Standard ☒ RushProject Name: G-B15 waterline (6.5.23)

Project #:

Project Manager: Bryan BurnsSampler: Don HeftOn Ice: ☒ Yes ☐ No# of Coolers: 6Cooler Temp (including CF): See checklist (°C)

Container Type and #

Preservative Type

HEAL No. 2306247Date 6/5/23 Time PMMatrix soilSample Name Sp 2.10-11-22-33-44-55-6Sp 2.20-11-22-33-44-55-6Relinquished by: Don HeftRelinquished by: DonDate: 6/5/23 Time: 9mDate: 6/6/23 Time: 1000

## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

BTEX / MTBE / TMB's (8021)

TPH: 8015D (GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Remarks:

Sample Readings greater than samples

50 mg/kg BTEX } Test next deeper sample

100 mg/kg TPH }

5-6



## Chain-of-Custody Record

Client: BortMailing Address: P.O. Box 1281000 Mills NW 23255Phone #: 915-702-5999email or Fax#: w.barns@burnthill.comQA/QC Package: K. Freeman @ aspen-groves.us☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other \☐ EDD (Type) \Date 6/5/23 Time Am Matrix Soil Sample Name Sp 25 0-11-22-33-44-55-6Sp 26 0-11-22-33-44-55-6Date: 6/5/23 Time: Am Relinquished by: Don HoltDate: 6/6/23 Time: 9:00 Relinquished by: acTurn-Around Time: 5 day☒ Standard ☒ RushProject Name: G.B. 16 WL (6.5, 23)Project #: \Project Manager: Bryan BurnsSampler: Don HoltOn Ice: ☐ Yes ☐ No# of Coolers: 6 9091Cooler Temp (including CP): See chart (°C)Container Type and # Jar Preservative Type \ HEAL No. 2306247-145-146-147-148-149-150-151-152-153-154-155-156Received by: ac Date: 6/6/23 Time: 530Received by: Don Holt Date: 6/7/23 Time: 7:35

## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

## Analysis Request

BTEX / MTBE / TMB's (8021)

TPH: 8015D (GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Remarks: Sample Readings greater than 50mg/kg BTEX100mg/kg TPHTest next deeper Sample





**Attachment V**  
**NMOCD Form C-141 Remediation Pages**

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	nAPP2315143206
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Burnett Oil Co., Inc.	OGRID: 03080
Contact Name: Bryan Burns	Contact Telephone: (575)706-5999
Contact email: wburns@burnettoil.com	Incident # (assigned by OCD)
Contact mailing address: P.O. Box 188 Loco Hills, NM 88255	

Location of Release Source

Latitude 32.848883° Longitude -103.943788°  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Gissler B16 Injection Line	Site Type: Pasture
Date Release Discovered: 05/30/2023	API# (if applicable) 30-015-23771

Unit Letter	Section	Township	Range	County
K	17	30	30E	Eddy Co.

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) 90	Volume Recovered (bbls) 0
	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:  
Corrosion of a pipeline in a right-of-way. While pumping water from the waterflood to injection wells pumper noticed the flow rate was not correct. Unit was shut down and we searched for the leak. The line goes to the GB16 WIW well but also used to go to another well that we traded in a land deal. It was the line in this section that leaked so it took us a little longer to find it. This line is being closed off from our system.

Incident ID	nAPP2315143206
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;101</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 checked="" type="checkbox"/> Yes <input 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.

Incident ID	nAPP2315143206
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? We estimate that the amount of water that went to this well was between 60 to 90 barrels. Around 200 barrels were sent to four different injections well but when this line blew it would have had little resistance. It is a very sandy area and soaked in quickly we were not able to recover any fluids.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Bryan Burns contacted Mike Brachter by phone to make notification.	

## 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>Bryan Burns</u>	Title: <u>HSE and Security Coordinator</u>
Signature: _____	Date: _____
email: <u>wburns@burnettoil.com</u>	Telephone: <u>(575) 706-5999</u>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

Incident ID	nAPP2315143206
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

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

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

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

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

Printed Name: Bryan Burns Title: HSE and Security Coordinator

Signature: William Burns Date: \_\_\_\_\_

email: wburns@burnettoil.com Telephone: (575) 706-7999

**OCD Only**

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2315143206
District RP	
Facility ID	
Application ID	

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

Printed Name: Bryan Burns Title: HSE and Security Coordinator

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

email: wburns@burnettoil.com Telephone: (575) 706-7999

**OCD Only**

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

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 438435

**QUESTIONS**

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 438435
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2315143206
Incident Name	NAPP2315143206 GISSLER B 16 INJECTION LINE @ 30-015-23771
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-23771] GISSLER B #016

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	GISSLER B 16 INJECTION LINE
Date Release Discovered	05/30/2023
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion   Flow Line - Injection   Produced Water   Released: 90 BBL   Recovered: 0 BBL   Lost: 90 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 438435

**QUESTIONS (continued)**

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 438435
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: William Burns Title: Inventory Security Specialist Email: wburns@burnettoil.com Date: 03/03/2025
----------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

Sante Fe Main Office  
Phone: (505) 476-3441

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

QUESTIONS, Page 3

Action 438435

**QUESTIONS (continued)**

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 438435
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	14000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1200
GRO+DRO (EPA SW-846 Method 8015M)	480
BTEX (EPA SW-846 Method 8021B or 8260B)	1.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/14/2025
On what date will (or did) the final sampling or liner inspection occur	03/14/2025
On what date will (or was) the remediation complete(d)	03/21/2025
What is the estimated surface area (in square feet) that will be reclaimed	1172
What is the estimated volume (in cubic yards) that will be reclaimed	200
What is the estimated surface area (in square feet) that will be remediated	1172
What is the estimated volume (in cubic yards) that will be remediated	200

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 438435

**QUESTIONS (continued)**

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 438435
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: William Burns Title: Inventory Security Specialist Email: <a href="mailto:wburns@burnettoil.com">wburns@burnettoil.com</a> Date: 03/04/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 438435

QUESTIONS (continued)

Operator:  BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID:  3080
	Action Number:  438435
	Action Type:  [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 438435

QUESTIONS (continued)

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	Action Number:  438435
	Action Type:  [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 438435

**CONDITIONS**

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 438435
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
bhall	Remediation plan conditionally approved.	3/10/2025
bhall	All proposed areas of excavation must be advanced to 4-feet below ground surface (bgs). If final/confirmation samples are above closure criteria, the excavation must be advanced until confirmation samples results are at or below the applicable closure criteria.	3/10/2025
bhall	As this release occurred in an area not reasonably needed for production or subsequent drilling activities the site must meet the reclamation requirements of 19.15.29.13 NMAC at the time of remediation.	3/10/2025
bhall	One 5-point composite soil samples representing every 200 sq ft must be taken from the walls and base, and individual grab samples from any wet or discolored areas. The samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC. Sampling notification must be submitted on the C-141N at least 2 business days prior to collecting confirmation samples per 19.15.29.12 D(1)(a) NMAC.	3/10/2025
bhall	Additional samples may be required than what is outline in Section 6.0 Sampling Plan due to field conditions. Ensure that all confirmation samples are 5-point composites representative of no more than 200 square feet.	3/10/2025
bhall	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	3/10/2025
bhall	OCD is requiring vertical delineation samples be collected at SP5, SP5, SP15, and SP21 at the following intervals: 4'-5', 6'-7', 7'-8', 8'-9', and 9'-10' bgs. These samples can be collected before or after the the 4-foot excavation has been completed. These samples must be advanced to 10-feet bgs in order to show that previously "applied approximately 12,000 gallons of water, 4.5 gallons of Excite, and 4.5 gallons of Detox to the release area" did not flush chlorides down the soil column resulting in chloride contamination above the closure standards.	3/10/2025
bhall	All samples collected, including confirmation and delineation samples, must be analyzed for all constituents found on Table I of 19.15.29 NMAC.	3/10/2025
bhall	Be advised that OCD will not accept a revegetation report (OCD does not review "revegetation plans") until the entire release area meets the requirements of 19.15.29.13 NMAC.	3/10/2025
bhall	Submit a complete and accurate report through the OCD Permitting website by 6/13/2025.	3/10/2025