

Remediation Plan Proposed Actions

Burnett Oil Co, LLC

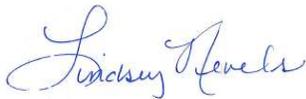
Eddy County, New Mexico

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: <input type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> 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				
<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"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices				
<input checked="" type="checkbox"/> 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.

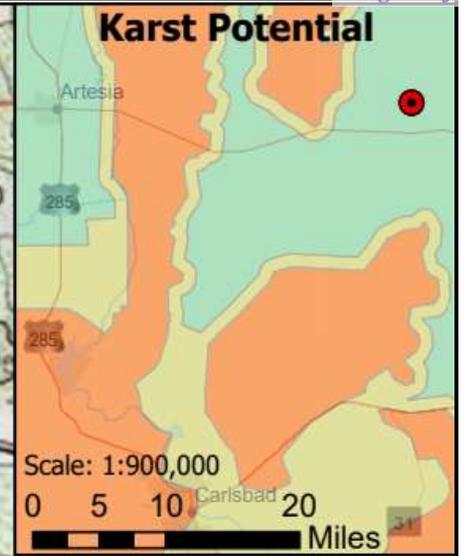
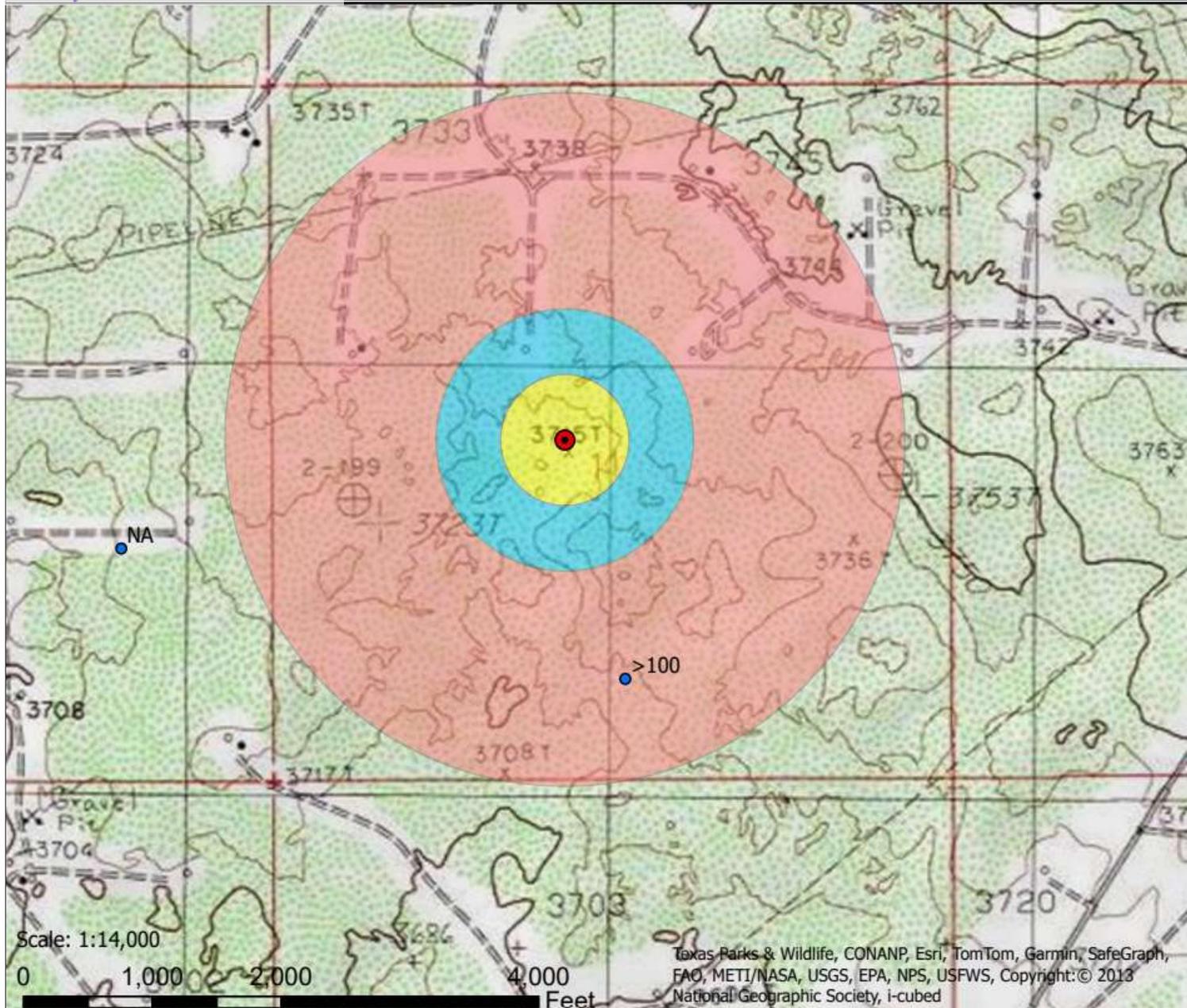
This report has been prepared for the benefit of Burnett Oil. Use of the information contained in this report is prohibited without the consent of Arrow Logistics and/or Burnett Oil.

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

- Point of Release
- OSE GW Wells (depth in ft)
- USGS GW Wells (depth in ft)

Buffer Distance

- 500 feet
- 1000 feet
- 0.5 mile

Karst Potential

- High
- Medium
- Low

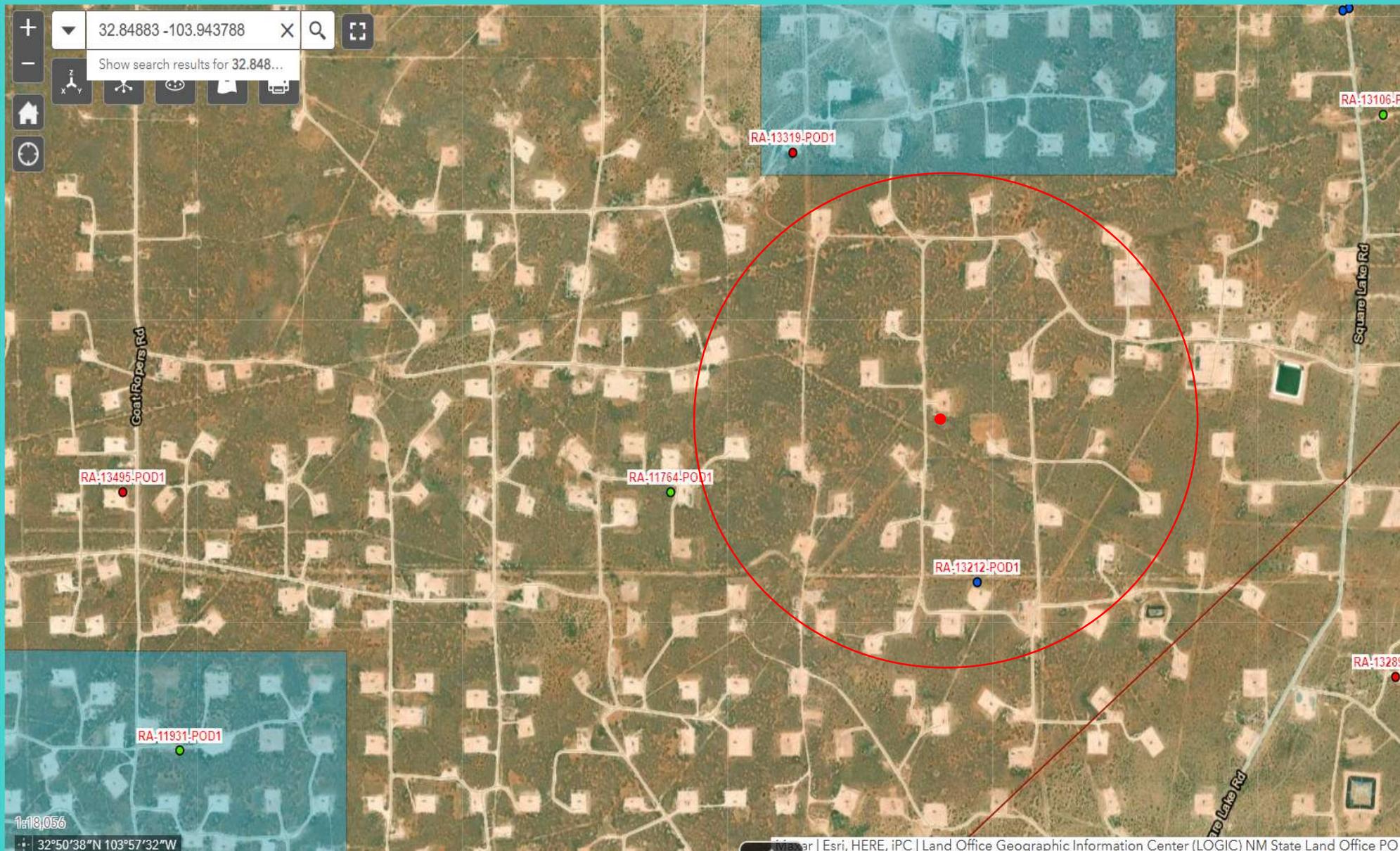
N
↑

Point of Release Coordinates:
-103.943788W 32.848883N

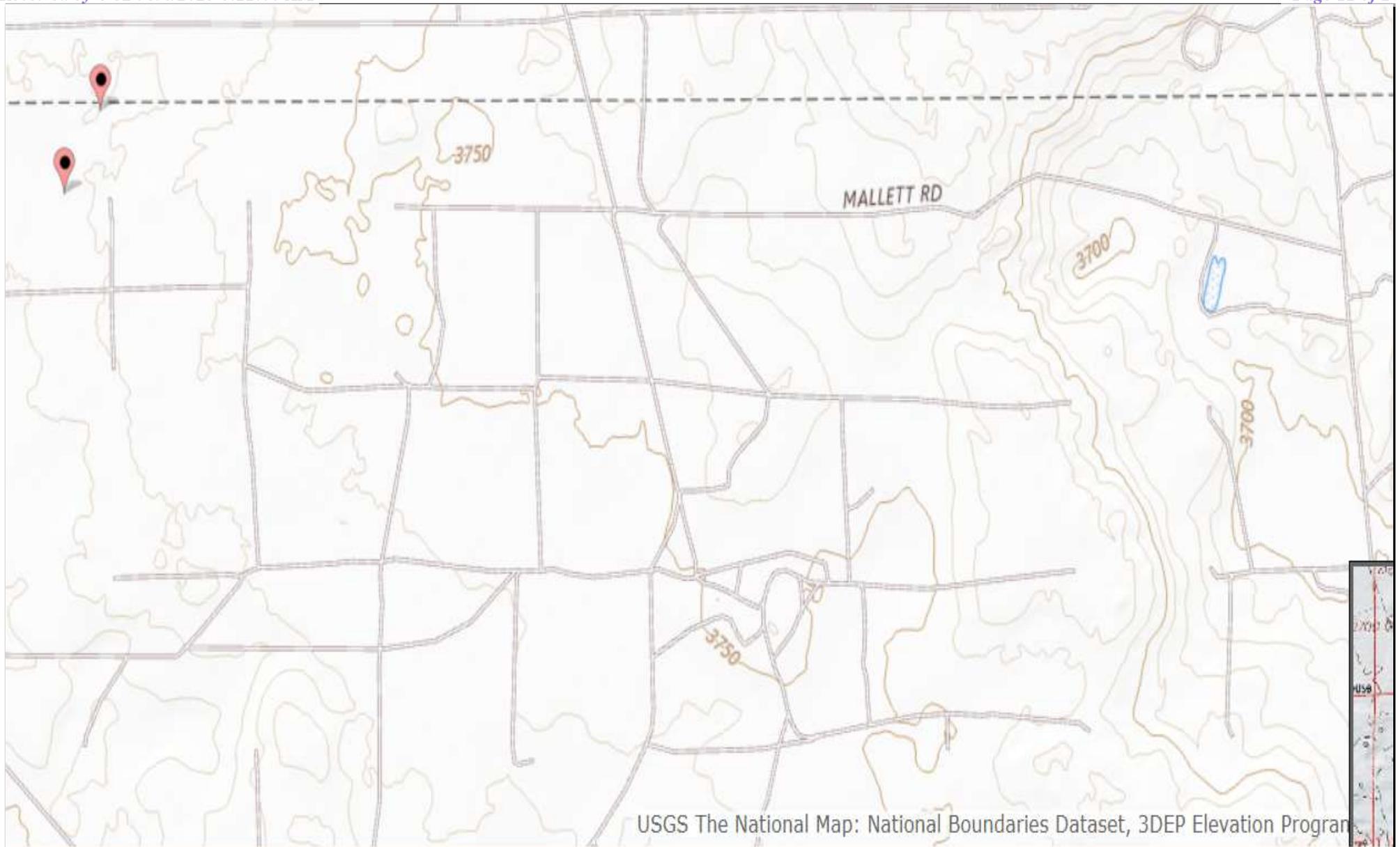
Legend:	Topo Map - Low Karst	Figure 1
<ul style="list-style-type: none"> ● Gissler B16 Injection Line Location ● OSE ActiveWater Well 	<p>Burnett Oil</p> <p>Gissler B16 Injection Line</p> <p>GPS: 32.84888 -103.943788</p> <p>Eddy County</p>	

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:	USGS Well Locations Map	Figure 2
● OSE Pod Well Locations	Burnett Oil	
● Gissler B16 Injection Line Location	Gissler B16 Injection Line	
○ Half mile Radius	GPS: 32.848883, -103.943788	
	Eddy County	



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

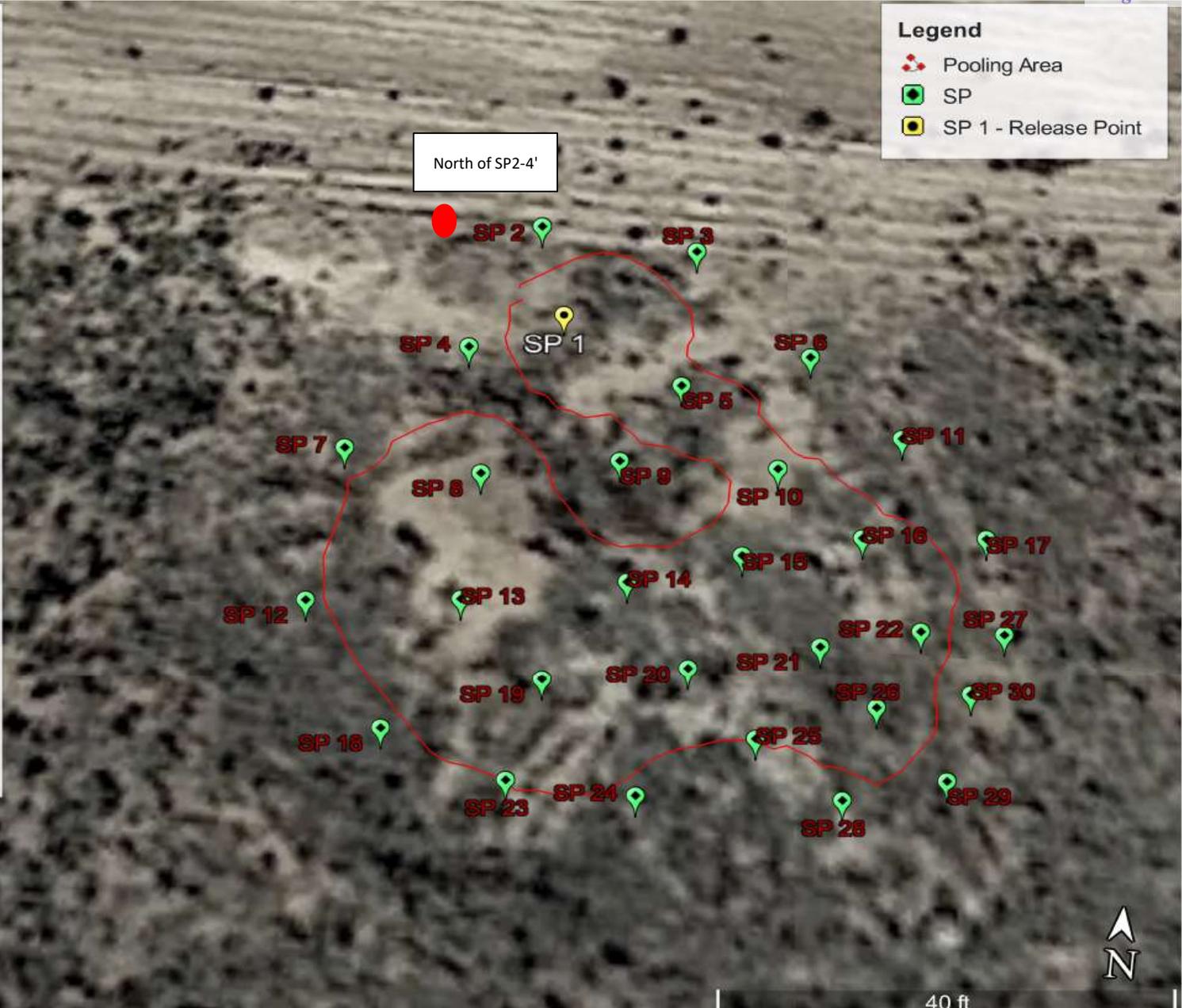
Gissler B 16 WIW

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

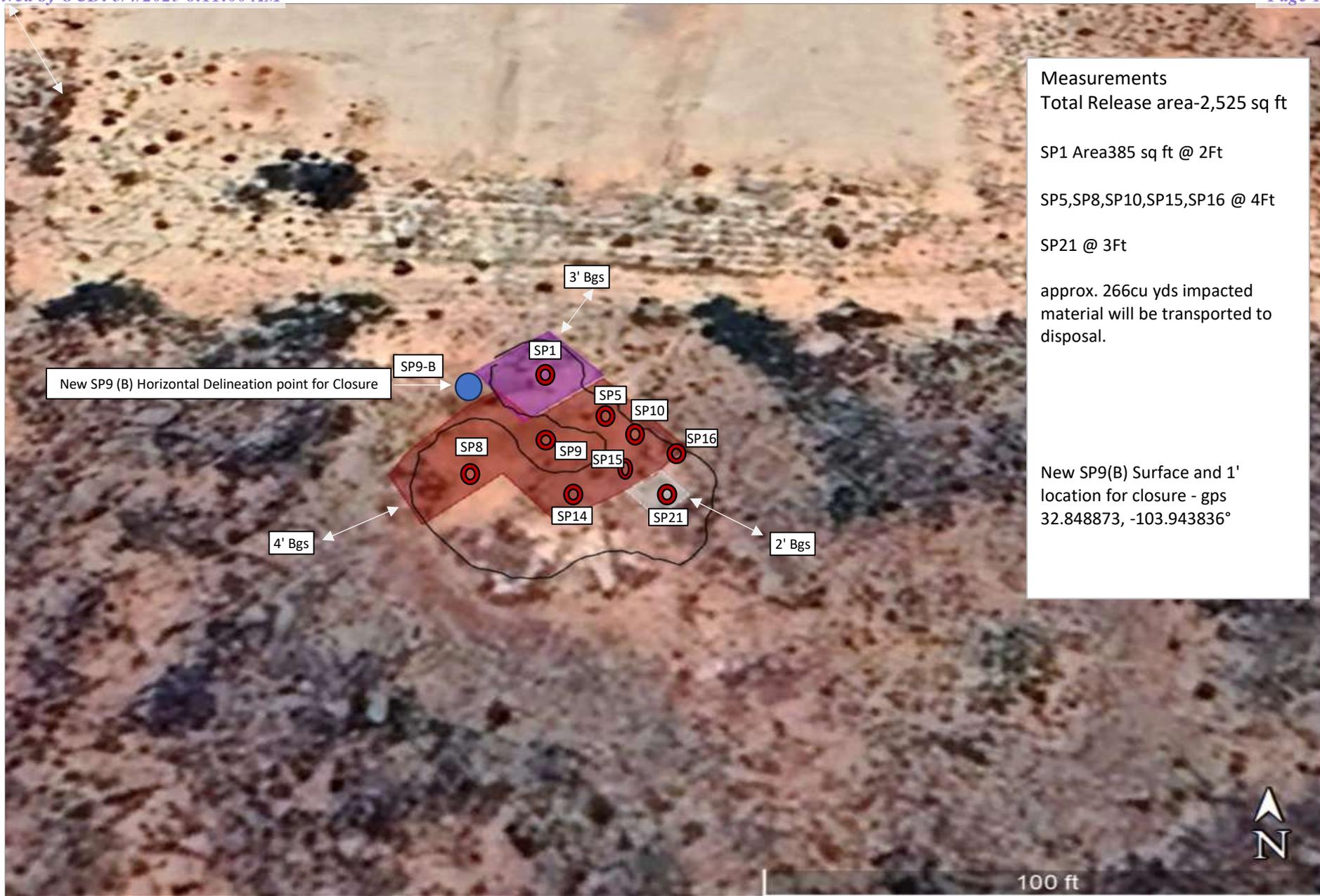
Legend

-  Pooling Area
-  SP
-  SP 1 - Release Point



Google Earth

<p>Legend:</p> <ul style="list-style-type: none">  Release Area  Delineation Sample Location Map 	<p>Delineation Sample Map</p> <p>nAPP2315143206</p> <p>Burnett Oil</p> <p>Gissler Injection Line</p> <p>GPS: 32.848883, -103.943788</p> <p>Eddy County New Mexico</p>	<p>Figure 4</p>
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Measurements
 Total Release area-2,525 sq ft

SP1 Area385 sq ft @ 2Ft

SP5,SP8,SP10,SP15,SP16 @ 4Ft

SP21 @ 3Ft

approx. 266cu yds impacted material will be transported to disposal.

New SP9(B) Surface and 1' location for closure - gps 32.848873, -103.943836°

Legend	Proposed Excavtion Map	Figure 5
<ul style="list-style-type: none"> 3 ft proposed excavtion 4 ft proposed excavtion 2 ft proposed excavtion SP9-B Horizontal Deliniation Sample 	nAPP2315143206 Burnett Oil Gissler B16 Injection Line GPS: 32.848883, -103.943788 Eddy County	

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:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well (Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Groundwater Determination
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	
A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.		
<input type="checkbox"/> Temporary Request - Requested Start Date:		Requested End Date:
Plugging Plan of Operations Submitted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

1. APPLICANT(S)

Name: Burnett Oil Co., Inc	Name:
Contact or Agent: check here if Agent <input type="checkbox"/> Bryan Burns	Contact or Agent: check here if Agent <input type="checkbox"/>
Mailing Address: 87 Square Lake Rd.	Mailing Address:
City: Loco Hills	City:
State: Zip Code: NM 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):

OSE DTJ JUL 7 2022 PM 2:22

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

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

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) UTM (NAD83) (Meters) Lat/Long (WGS84) (to the nearest 1/10th of second)

 NM West Zone Zone 12N

 NM East Zone Zone 13N

 NM Central Zone

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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FOR OSE INTERNAL USE Application for Permit, Form WR-07

File No.: RA-13212-POD1(TW-1)	Trn 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:

<p>Exploratory: <input type="checkbox"/> Include a description of any proposed pump test, if applicable.</p>	<p>Pollution Control and/or Recovery: <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.</p>	<p>Construction De-Watering: <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.</p>	<p>Mine De-Watering: <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.</p>
<p>Monitoring: <input type="checkbox"/> Include the reason for the monitoring well, and, <input type="checkbox"/> The duration of the planned monitoring.</p>	<p><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.</p>	<p>Ground Source Heat Pump: <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.</p>	<p><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.</p>

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 11th 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. Parikh Signature Kashyap Parikh Print

Title: Water Resource Manager Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: RA-13212-P001 (701) Trn No.: 729271

**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

**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

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:
40.000

Serial Number
NMNM 002746

Case Type 310781: O&G RENEWAL LEASE - PD

Commodity 459: OIL & 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 LB BY 2	HOUSTON TX 770022589	LESSEE 54.120000000
EOG RESOURCES INC	1111 BAGBY ST LB BY 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	SType	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	

Serial Number: NMNM-- - 002746

Line Number	Remark Text
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
Street
City, State, Zip | 1) Anne Burnett Tandy Testamentary Trust-27.3157
(formerly Anne B. Tandy Estate)
2) Union Texas Petroleum Corporation-29.8767
3) Robert F. Windfohr Testamentary Trust-7.7987
4) Ollie L. Burnett Testamentary Trust-5.1987 | 5) Anne B. Windfohr (formerly Anne W. Phillips)-2.4757
6) Yates Drilling Company - 3.0947
7) Abo Petroleum Corporation - 3.0947
8) Myco Industries Inc. - 3.0947
9) Yates Petroleum Corp. - 18.0567 |
|------------------------------------|---|---|

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 its bid duly executed and nomination form submitted under 43 CFR 3120 and is subject to the provisions of that bid or nomination and those specified on this form.)~~

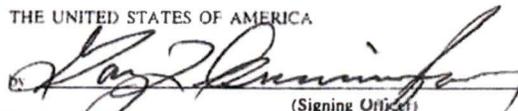
Type and primary term of lease:

Noncompetitive lease (ten years)

Competitive lease (five years)

Other RENEWAL (10 YEARS)

THE UNITED STATES OF AMERICA



(Signing Official)

Acting CHIEF LEASE MAINTENANCE UNIT

JUN 11 1990

(Title)

JUN 1 1990

(Date)

EFFECTIVE DATE OF LEASE

(Continued on reverse)



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

July 7th 2022

DII-NMOSE
1900 W 2nd 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

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

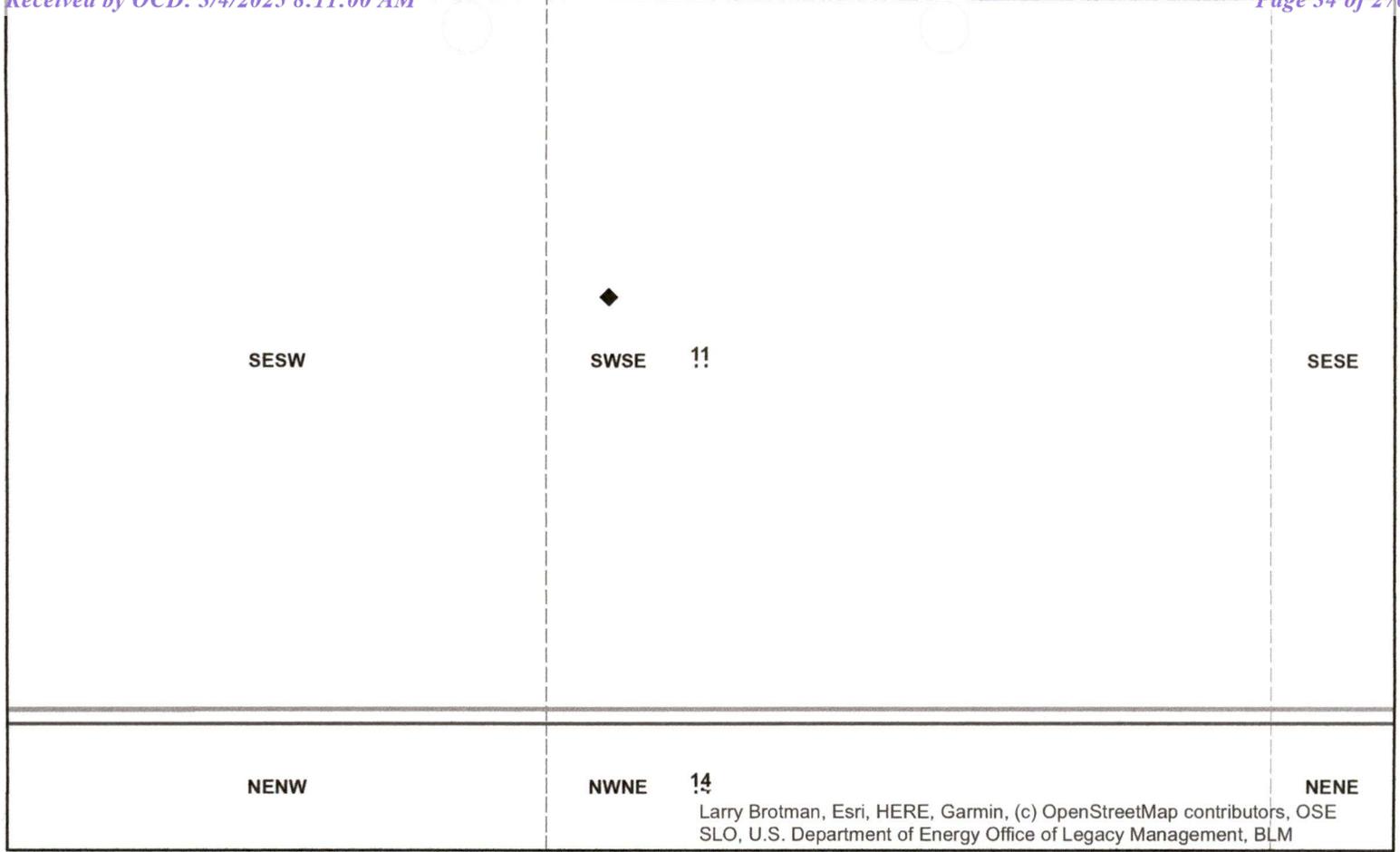
Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive style.

Lucas Middleton
lucas@atkinseng.com

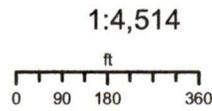
Enclosures: As noted above.

OSE DT JUL 7 2022 PM2:19



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



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
 SWNWSWE 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
- OSE District Boundary
- 🗺️ Counties
- Lincoln County Parcels 2021
- ◻ SiteBoundaries
- Sections
- BLM Land Grant
- PLSSTownship
- PLSSFirstDiv...
- ⋮ PLSSSecond...

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.

Sincerely,

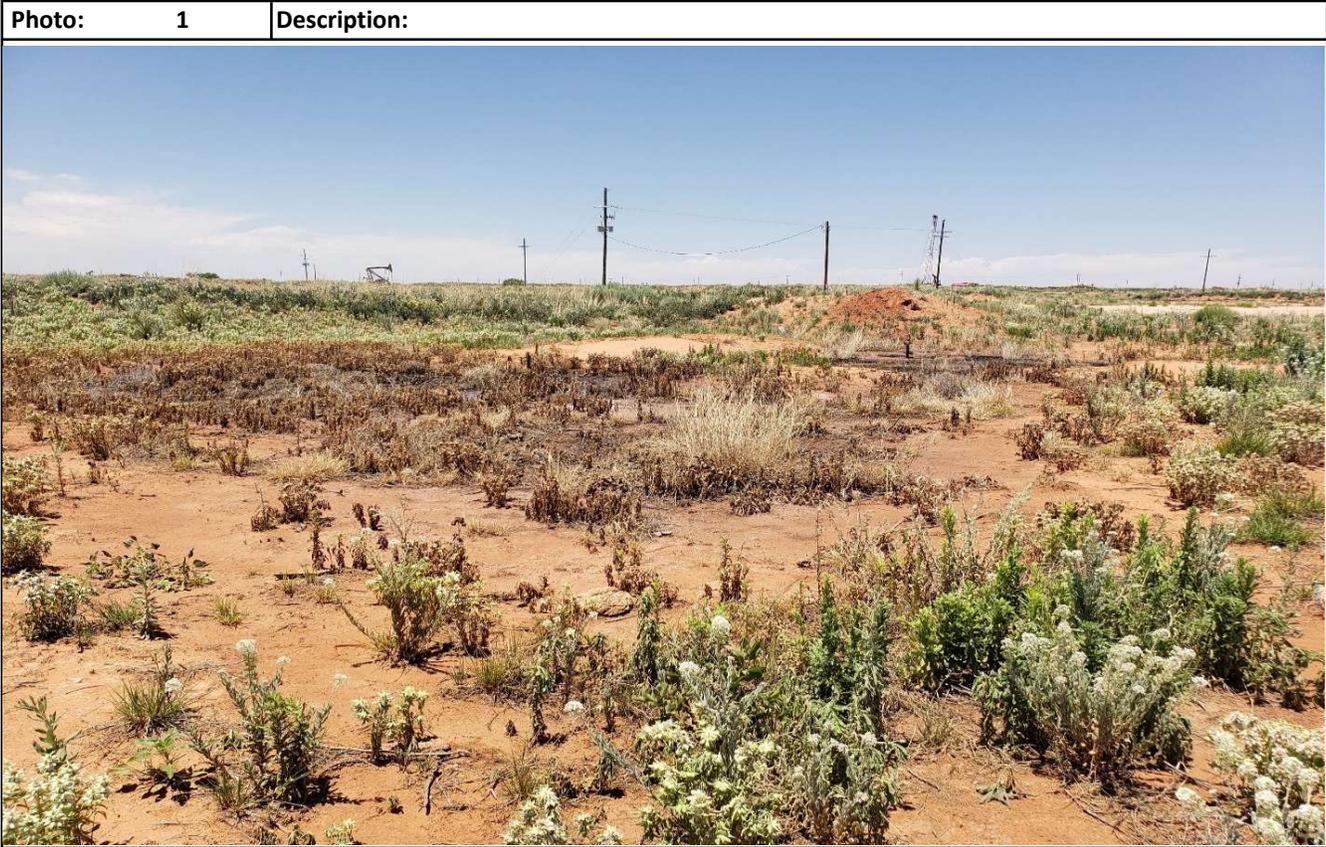
A handwritten signature in black ink, appearing to read "Maret Amaral".

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

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 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 white background.

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	460	59		mg/Kg	20	6/12/2023 4:59:02 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	250	60		mg/Kg	20	6/12/2023 5:11:26 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	90	60		mg/Kg	20	6/12/2023 5:23:51 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	350	60		mg/Kg	20	6/12/2023 5:36:15 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: Sp1 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-005

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	870	60		mg/Kg	20	6/12/2023 5:48:39 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.		

Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-006

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	3300	150		mg/Kg	50	6/20/2023 6:39:12 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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 6:38:17 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 6:50:42 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-009

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 7:03:06 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 7:15:31 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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 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.		

Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-012

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 8:05:10 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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 8:17:34 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 8:54:49 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 9:07:13 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/12/2023 9:19:37 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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.		

Analytical Report

Lab Order 2306247

Date Reported: 7/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-018

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 9:44:26 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.		

Analytical Report

Lab Order **2306247**

Date Reported: **7/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-019

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	6/12/2023 9:56:50 PM	75530
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/9/2023 2:34:17 AM	75449
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/9/2023 2:34:17 AM	75449
Surr: DNOP	81.1	69-147		%Rec	1	6/9/2023 2:34:17 AM	75449
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/15/2023 3:36:00 PM	75430
Surr: BFB	106	15-244		%Rec	1	6/15/2023 3:36:00 PM	75430
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/15/2023 3:36:00 PM	75430
Toluene	ND	0.050		mg/Kg	1	6/15/2023 3:36:00 PM	75430
Ethylbenzene	ND	0.050		mg/Kg	1	6/15/2023 3:36:00 PM	75430
Xylenes, Total	ND	0.10		mg/Kg	1	6/15/2023 3:36:00 PM	75430
Surr: 4-Bromofluorobenzene	97.7	39.1-146		%Rec	1	6/15/2023 3:36:00 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 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-020

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 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 5:32:26 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/9/2023 2:55:58 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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 6:09:28 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-023

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 6:21:49 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.		

Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-024

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 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.		

Analytical Report

Lab Order **2306247**

Date Reported: **7/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-025

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	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	2600	150		mg/Kg	50	6/20/2023 7:28:49 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-027

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	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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	4900	150		mg/Kg	50	6/20/2023 7:16:25 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-029

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	7300	300		mg/Kg	100	6/20/2023 7:41:14 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.		

Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-030

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	600		mg/Kg	200	6/21/2023 9:26:26 AM	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.		

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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	6/12/2023 8:00:36 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-032

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	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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/12/2023 8:49:59 PM	75535
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-034

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 9:02:19 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 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-035

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 9:14:39 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.		

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.		

Analytical Report

Lab Order **2306247**

Date Reported: **7/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp7 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-037

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	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 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-038

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	6/13/2023 11:53:43 AM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/10/2023 6:36:24 PM	75443
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/10/2023 6:36:24 PM	75443
Surr: DNOP	80.1	69-147		%Rec	1	6/10/2023 6:36:24 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/15/2023 11:37:00 PM	75432
Surr: BFB	96.0	15-244		%Rec	1	6/15/2023 11:37:00 PM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/15/2023 11:37:00 PM	75432
Toluene	ND	0.047		mg/Kg	1	6/15/2023 11:37:00 PM	75432
Ethylbenzene	ND	0.047		mg/Kg	1	6/15/2023 11:37:00 PM	75432
Xylenes, Total	ND	0.093		mg/Kg	1	6/15/2023 11:37:00 PM	75432
Surr: 4-Bromofluorobenzene	92.1	39.1-146		%Rec	1	6/15/2023 11:37:00 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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/13/2023 12:30:57 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/13/2023 12:43:21 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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 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: SNS
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.

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 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-042

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	6/13/2023 1:33:00 PM	75549

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 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-043

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	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 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-044

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	2900	150		mg/Kg	50	6/20/2023 8:18:28 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	100	9.1		mg/Kg	1	6/14/2023 7:47:23 PM	75443
Motor Oil Range Organics (MRO)	200	45		mg/Kg	1	6/14/2023 7:47:23 PM	75443
Surr: DNOP	93.0	69-147		%Rec	1	6/14/2023 7:47:23 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 1:04:00 AM	75432
Surr: BFB	94.8	15-244		%Rec	1	6/16/2023 1:04:00 AM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/16/2023 1:04:00 AM	75432
Toluene	ND	0.049		mg/Kg	1	6/16/2023 1:04:00 AM	75432
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 1:04:00 AM	75432
Xylenes, Total	ND	0.099		mg/Kg	1	6/16/2023 1:04:00 AM	75432
Surr: 4-Bromofluorobenzene	87.9	39.1-146		%Rec	1	6/16/2023 1:04:00 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	3900	150		mg/Kg	50	6/20/2023 8:30:52 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	11000	600		mg/Kg	200	6/20/2023 9:08:06 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-047

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	13000	600		mg/Kg	200	6/20/2023 9:20:30 PM	75549

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 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-048

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 9:32:55 PM	75549

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/13/2023 2:59:50 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	88	60		mg/Kg	20	6/13/2023 3:12:15 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: Sp9 2-3

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-051

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	86	60		mg/Kg	20	6/13/2023 3:49:28 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
Diesel Range Organics (DRO)	82	9.2		mg/Kg	1	6/14/2023 8:28:54 PM	75443
Motor Oil Range Organics (MRO)	250	46		mg/Kg	1	6/14/2023 8:28:54 PM	75443
Surr: DNOP	123	69-147		%Rec	1	6/14/2023 8:28:54 PM	75443
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/16/2023 3:14:00 AM	75432
Surr: BFB	94.9	15-244		%Rec	1	6/16/2023 3:14:00 AM	75432
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.023		mg/Kg	1	6/16/2023 3:14:00 AM	75432
Toluene	ND	0.046		mg/Kg	1	6/16/2023 3:14:00 AM	75432
Ethylbenzene	ND	0.046		mg/Kg	1	6/16/2023 3:14:00 AM	75432
Xylenes, Total	ND	0.092		mg/Kg	1	6/16/2023 3:14:00 AM	75432
Surr: 4-Bromofluorobenzene	89.2	39.1-146		%Rec	1	6/16/2023 3:14:00 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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/13/2023 4:01:52 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/13/2023 4:14:17 PM	75549
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 3:36:46 AM	75566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: PRD
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-055

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	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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	150	60		mg/Kg	20	6/14/2023 4:13:59 AM	75566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	2900	150		mg/Kg	50	6/26/2023 8:32:22 PM	75566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 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
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	14000	600		mg/Kg	200	6/20/2023 9:45:20 PM	75566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-059

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	15000	600		mg/Kg	200	6/20/2023 9:57:44 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.		

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.		

Analytical Report

Lab Order **2306247**

Date Reported: **7/5/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp11 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-061

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	210	60		mg/Kg	20	6/14/2023 5:16:03 AM	75566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/10/2023 11:04:18 PM	75450
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 11:04:18 PM	75450
Surr: DNOP	85.3	69-147		%Rec	1	6/10/2023 11:04:18 PM	75450
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/16/2023 5:14:00 PM	75438
Surr: BFB	104	15-244		%Rec	1	6/16/2023 5:14:00 PM	75438
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.025		mg/Kg	1	6/16/2023 5:14:00 PM	75438
Toluene	ND	0.049		mg/Kg	1	6/16/2023 5:14:00 PM	75438
Ethylbenzene	ND	0.049		mg/Kg	1	6/16/2023 5:14:00 PM	75438
Xylenes, Total	ND	0.098		mg/Kg	1	6/16/2023 5:14:00 PM	75438
Surr: 4-Bromofluorobenzene	96.9	39.1-146		%Rec	1	6/16/2023 5:14:00 PM	75438

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/14/2023 5:53:16 AM	75566
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/14/2023 10:00:11 AM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/14/2023 10:12:32 AM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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.		

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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 12:03:37 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 12:15:57 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 12:28:18 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 12:40:38 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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: SNS
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.

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: 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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/14/2023 1:17:41 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/14/2023 1:30:02 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/14/2023 1:42:22 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/14/2023 2:19:25 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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.		

Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp13 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-078

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	360	59		mg/Kg	20	6/14/2023 2:44:06 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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	2900	150		mg/Kg	50	6/21/2023 9:38:50 AM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1000	60		mg/Kg	20	6/14/2023 3:08:48 PM	75574
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	1600	60		mg/Kg	20	6/15/2023 6:40:13 PM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	3800	150		mg/Kg	50	6/21/2023 9:51:14 AM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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.		

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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4200	150		mg/Kg	50	6/21/2023 10:28:28 AM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4500	150		mg/Kg	50	6/21/2023 10:40:53 AM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	6200	300		mg/Kg	100	6/21/2023 10:53:18 AM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	8300	300		mg/Kg	100	6/21/2023 11:05:42 AM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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.		

Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp15 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-090

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	15000	610		mg/Kg	200	6/21/2023 11:55:21 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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	5000	300		mg/Kg	100	6/21/2023 12:07:46 PM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	7100	300		mg/Kg	100	6/21/2023 12:20:11 PM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	8100	300		mg/Kg	100	6/21/2023 12:32:35 PM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	9000	300		mg/Kg	100	6/21/2023 12:44:59 PM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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: SNS
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.

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: Sp16 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-096

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	6500	300		mg/Kg	100	6/21/2023 1:09:48 PM	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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/15/2023 11:24:08 PM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/15/2023 11:36:28 PM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/15/2023 11:48:49 PM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 12:25:52 AM	75637
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.	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: 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.		

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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/16/2023 12:05:49 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/16/2023 1:07:51 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/16/2023 1:20:16 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 1:32:41 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: Sp18 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-107

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 1:45:06 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.		

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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/16/2023 2:09:55 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 2:22:19 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 2:34:43 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 2:47:08 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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.		

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: SNS
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 3:49:10 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 4:01:34 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 4:13:58 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/16/2023 4:26:23 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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.		

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: SNS
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	870	61		mg/Kg	20	6/16/2023 5:03:37 AM	75638
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	200	60		mg/Kg	20	6/16/2023 8:39:21 AM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	370	60		mg/Kg	20	6/16/2023 9:16:36 AM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	4900	150		mg/Kg	50	6/21/2023 1:22:12 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: 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.		

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: SNS
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.

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: Sp22 0-1

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-127

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	72	60		mg/Kg	20	6/16/2023 11:25:08 AM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/10/2023 8:14:09 AM	75497
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/10/2023 8:14:09 AM	75497
Surr: DNOP	85.5	69-147		%Rec	1	6/10/2023 8:14:09 AM	75497
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/17/2023 7:05:00 PM	75447
Surr: BFB	107	15-244		%Rec	1	6/17/2023 7:05:00 PM	75447
EPA METHOD 8021B: VOLATILES							Analyst: KMN
Benzene	ND	0.024		mg/Kg	1	6/17/2023 7:05:00 PM	75447
Toluene	ND	0.048		mg/Kg	1	6/17/2023 7:05:00 PM	75447
Ethylbenzene	ND	0.048		mg/Kg	1	6/17/2023 7:05:00 PM	75447
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 7:05:00 PM	75447
Surr: 4-Bromofluorobenzene	99.0	39.1-146		%Rec	1	6/17/2023 7:05:00 PM	75447

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 11:37:33 AM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 11:49:57 AM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	6/16/2023 12:02:22 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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.

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: 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: SNS
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	6/16/2023 12:39:35 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 12:51:59 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 1:04:23 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	6/16/2023 1:41:37 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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.		

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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 2:18:50 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 2:31:15 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	6/16/2023 2:43:38 PM	75648
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							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
EPA METHOD 8015D: GASOLINE RANGE							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
EPA METHOD 8021B: VOLATILES							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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 9:19:31 AM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: Sp24 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-143

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 9:31:51 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.		

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: SNS
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 10:21:14 AM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: KMN
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
EPA METHOD 8021B: VOLATILES							Analyst: KMN
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.

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: Sp25 1-2

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-146

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 10:58:15 AM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/10/2023 2:04:19 AM	75482
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 2:04:19 AM	75482
Surr: DNOP	89.8	69-147		%Rec	1	6/10/2023 2:04:19 AM	75482
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/16/2023 11:52:58 PM	75453
Surr: BFB	98.8	15-244		%Rec	1	6/16/2023 11:52:58 PM	75453
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/16/2023 11:52:58 PM	75453
Toluene	ND	0.048		mg/Kg	1	6/16/2023 11:52:58 PM	75453
Ethylbenzene	ND	0.048		mg/Kg	1	6/16/2023 11:52:58 PM	75453
Xylenes, Total	ND	0.096		mg/Kg	1	6/16/2023 11:52:58 PM	75453
Surr: 4-Bromofluorobenzene	86.2	39.1-146		%Rec	1	6/16/2023 11:52:58 PM	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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 11:10:36 AM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 11:22:56 AM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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.		

Analytical Report

Lab Order **2306247**

Date Reported: 7/5/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp25 5-6

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-150

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 11:47:36 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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/17/2023 11:59:57 AM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/17/2023 12:12:18 PM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	61		mg/Kg	20	6/17/2023 12:24:38 PM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-154

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	6/17/2023 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: SNS
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.

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 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: SNS
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 1:38:41 PM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 1:51:01 PM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 2:03:22 PM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 2:15:43 PM	75673
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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: SNS
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.

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: 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: SNS
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	59		mg/Kg	20	6/17/2023 3:17:26 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 3:54:28 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 4:06:49 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: Sp28 3-4

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-166

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 4:19:10 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/10/2023 4:59:21 AM	75482
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/10/2023 4:59:21 AM	75482
Surr: DNOP	116	69-147		%Rec	1	6/10/2023 4:59:21 AM	75482
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/17/2023 7:17:02 AM	75453
Surr: BFB	95.2	15-244		%Rec	1	6/17/2023 7:17:02 AM	75453
EPA METHOD 8021B: VOLATILES							Analyst: JJP
Benzene	ND	0.024		mg/Kg	1	6/17/2023 7:17:02 AM	75453
Toluene	ND	0.049		mg/Kg	1	6/17/2023 7:17:02 AM	75453
Ethylbenzene	ND	0.049		mg/Kg	1	6/17/2023 7:17:02 AM	75453
Xylenes, Total	ND	0.097		mg/Kg	1	6/17/2023 7:17:02 AM	75453
Surr: 4-Bromofluorobenzene	82.8	39.1-146		%Rec	1	6/17/2023 7:17:02 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: 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.		

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: SNS
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 4:56:11 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 5:33:13 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 5:45:34 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 6:22:34 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: Sp29 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-173

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 6:34:55 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.		

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
EPA METHOD 300.0: ANIONS							Analyst: SNS
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 6:59:37 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 7:11:58 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 7:24:18 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.	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: 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
EPA METHOD 300.0: ANIONS							Analyst: SNS
Chloride	ND	60		mg/Kg	20	6/17/2023 7:36:39 PM	75674
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: DGH
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
EPA METHOD 8015D: GASOLINE RANGE							Analyst: JJP
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
EPA METHOD 8021B: VOLATILES							Analyst: JJP
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.

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: Sp30 4-5

Project: GB16 WL 6 5 23

Collection Date: 6/5/2023

Lab ID: 2306247-179

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 7:49:00 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.		

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.		

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-75535	SampType: ms	TestCode: EPA Method 300.0: Anions								
Client ID: BatchQC	Batch ID: 75535	RunNo: 97378								
Prep Date: 6/12/2023	Analysis Date: 6/12/2023	SeqNo: 3538210	Units: mg/Kg							
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: LCS-75535	SampType: msd	TestCode: EPA Method 300.0: Anions								
Client ID: BatchQC	Batch ID: 75535	RunNo: 97378								
Prep Date: 6/12/2023	Analysis Date: 6/12/2023	SeqNo: 3538211	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.3	44.8	154			

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

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

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

Sample ID: LCS-75549	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75549	RunNo: 97403								
Prep Date: 6/13/2023	Analysis Date: 6/13/2023	SeqNo: 3539951	Units: mg/Kg							
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

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

Sample ID: lcs-75566	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75566	RunNo: 97403								
Prep Date: 6/13/2023	Analysis Date: 6/13/2023	SeqNo: 3540013	Units: mg/Kg							
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: MB-75574	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75574	RunNo: 97431								
Prep Date: 6/14/2023	Analysis Date: 6/14/2023	SeqNo: 3541422	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-75574	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 75574	RunNo: 97431								
Prep Date: 6/14/2023	Analysis Date: 6/14/2023	SeqNo: 3541423	Units: mg/Kg							
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: MB-75638	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 75638	RunNo: 97471								
Prep Date: 6/15/2023	Analysis Date: 6/15/2023	SeqNo: 3542399	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

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

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

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: LCS-75443	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 75443		RunNo: 97297							
Prep Date: 6/7/2023	Analysis Date: 6/8/2023		SeqNo: 3535108		Units: mg/Kg					
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: LCS-75449	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 75449		RunNo: 97297							
Prep Date: 6/7/2023	Analysis Date: 6/8/2023		SeqNo: 3535109		Units: mg/Kg					
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: LCS-75450	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 75450		RunNo: 97297							
Prep Date: 6/7/2023	Analysis Date: 6/8/2023		SeqNo: 3535110		Units: mg/Kg					
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: MB-75443	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 75443		RunNo: 97297							
Prep Date: 6/7/2023	Analysis Date: 6/8/2023		SeqNo: 3535119		Units: mg/Kg					
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: MB-75449	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 75449		RunNo: 97297							
Prep Date: 6/7/2023	Analysis Date: 6/8/2023		SeqNo: 3535120		Units: mg/Kg					
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: MB-75450	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75450	RunNo: 97297								
Prep Date: 6/7/2023	Analysis Date: 6/8/2023	SeqNo: 3535121	Units: mg/Kg							
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: 2306247-086AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp15 1-2	Batch ID: 75479	RunNo: 97343								
Prep Date: 6/8/2023	Analysis Date: 6/9/2023	SeqNo: 3536540	Units: mg/Kg							
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: 2306247-086AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp15 1-2	Batch ID: 75479	RunNo: 97343								
Prep Date: 6/8/2023	Analysis Date: 6/9/2023	SeqNo: 3536541	Units: mg/Kg							
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: 2306247-145AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp25 0-1	Batch ID: 75497	RunNo: 97343								
Prep Date: 6/9/2023	Analysis Date: 6/10/2023	SeqNo: 3536562	Units: mg/Kg							
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: 2306247-145AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp25 0-1	Batch ID: 75497	RunNo: 97343								
Prep Date: 6/9/2023	Analysis Date: 6/10/2023	SeqNo: 3536563	Units: mg/Kg							
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: 2306247-175AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp30 0-1	Batch ID: 75482	RunNo: 97343								
Prep Date: 6/9/2023	Analysis Date: 6/10/2023	SeqNo: 3536584	Units: mg/Kg							
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: 2306247-175AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp30 0-1	Batch ID: 75482	RunNo: 97343								
Prep Date: 6/9/2023	Analysis Date: 6/10/2023	SeqNo: 3536585	Units: mg/Kg							
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: 2306247-176AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp30 1-2	Batch ID: 75472	RunNo: 97343								
Prep Date: 6/8/2023	Analysis Date: 6/9/2023	SeqNo: 3536586	Units: mg/Kg							
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: 2306247-176AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp30 1-2	Batch ID: 75472	RunNo: 97343								
Prep Date: 6/8/2023	Analysis Date: 6/9/2023	SeqNo: 3536587	Units: mg/Kg							
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: LCS-75472	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75472	RunNo: 97343								
Prep Date: 6/8/2023	Analysis Date: 6/9/2023	SeqNo: 3536610	Units: mg/Kg							
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: LCS-75479	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75479	RunNo: 97343								
Prep Date: 6/8/2023	Analysis Date: 6/9/2023	SeqNo: 3536611	Units: mg/Kg							
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: LCS-75479	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 75479		RunNo: 97343							
Prep Date: 6/8/2023	Analysis Date: 6/9/2023		SeqNo: 3536611		Units: mg/Kg					
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: LCS-75482	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 75482		RunNo: 97343							
Prep Date: 6/9/2023	Analysis Date: 6/10/2023		SeqNo: 3536612		Units: mg/Kg					
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: LCS-75497	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 75497		RunNo: 97343							
Prep Date: 6/9/2023	Analysis Date: 6/10/2023		SeqNo: 3536613		Units: mg/Kg					
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: MB-75472	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 75472		RunNo: 97343							
Prep Date: 6/8/2023	Analysis Date: 6/9/2023		SeqNo: 3536615		Units: mg/Kg					
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: MB-75479	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 75479		RunNo: 97343							
Prep Date: 6/8/2023	Analysis Date: 6/9/2023		SeqNo: 3536616		Units: mg/Kg					
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: MB-75482	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75482	RunNo: 97343								
Prep Date: 6/9/2023	Analysis Date: 6/10/2023	SeqNo: 3536617			Units: mg/Kg					
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: MB-75497	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75497	RunNo: 97343								
Prep Date: 6/9/2023	Analysis Date: 6/10/2023	SeqNo: 3536618			Units: mg/Kg					
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: 2306247-026AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp5 1-2	Batch ID: 75443	RunNo: 97343								
Prep Date: 6/7/2023	Analysis Date: 6/9/2023	SeqNo: 3536630			Units: mg/Kg					
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: 2306247-026AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp5 1-2	Batch ID: 75443	RunNo: 97343								
Prep Date: 6/7/2023	Analysis Date: 6/9/2023	SeqNo: 3536631			Units: mg/Kg					
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: 2306247-056AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp10 1-2	Batch ID: 75450	RunNo: 97343								
Prep Date: 6/7/2023	Analysis Date: 6/9/2023	SeqNo: 3538688			Units: mg/Kg					
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: 2306247-056AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: Sp10 1-2	Batch ID: 75450	RunNo: 97343								
Prep Date: 6/7/2023	Analysis Date: 6/9/2023	SeqNo: 3538689	Units: mg/Kg							
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: LCS-75907	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 75907	RunNo: 97879								
Prep Date: 6/29/2023	Analysis Date: 6/30/2023	SeqNo: 3560506	Units: mg/Kg							
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: MB-75907	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 75907	RunNo: 97879								
Prep Date: 6/29/2023	Analysis Date: 6/30/2023	SeqNo: 3560510	Units: mg/Kg							
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

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: ics-75463	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 75463		RunNo: 97323							
Prep Date: 6/8/2023	Analysis Date: 6/9/2023		SeqNo: 3537033		Units: mg/Kg					
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: mb-75463	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 75463		RunNo: 97323							
Prep Date: 6/8/2023	Analysis Date: 6/9/2023		SeqNo: 3537035		Units: mg/Kg					
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: ics-75430	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 75430		RunNo: 97455							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3540913		Units: mg/Kg					
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: mb-75430	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 75430		RunNo: 97455							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3540914		Units: mg/Kg					
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: ics-75432	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542434		Units: mg/Kg					
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: mb-75432	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542435		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)										
Surr: BFB										

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: mb-75432	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542435		Units: mg/Kg					
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: 2306247-026ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: Sp5 1-2	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542437		Units: mg/Kg					
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: 2306247-026amsd	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: Sp5 1-2	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542438		Units: mg/Kg					
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: lcs-75438	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 75438		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/16/2023		SeqNo: 3542458		Units: mg/Kg					
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: mb-75438	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 75438		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/16/2023		SeqNo: 3542459		Units: mg/Kg					
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: 2306247-056ams	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: Sp10 1-2	Batch ID: 75438		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/16/2023		SeqNo: 3542461		Units: mg/Kg					
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: 2306247-056ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp10 1-2	Batch ID: 75438	RunNo: 97436								
Prep Date: 6/7/2023	Analysis Date: 6/16/2023	SeqNo: 3542461	Units: mg/Kg							
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: 2306247-056amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp10 1-2	Batch ID: 75438	RunNo: 97436								
Prep Date: 6/7/2023	Analysis Date: 6/16/2023	SeqNo: 3542462	Units: mg/Kg							
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: 2306247-146ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp25 1-2	Batch ID: 75453	RunNo: 97508								
Prep Date: 6/8/2023	Analysis Date: 6/17/2023	SeqNo: 3543609	Units: mg/Kg							
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: 2306247-146amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp25 1-2	Batch ID: 75453	RunNo: 97508								
Prep Date: 6/8/2023	Analysis Date: 6/17/2023	SeqNo: 3543610	Units: mg/Kg							
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: ics-75453	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 75453	RunNo: 97508								
Prep Date: 6/8/2023	Analysis Date: 6/16/2023	SeqNo: 3543632	Units: mg/Kg							
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: mb-75453	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 75453	RunNo: 97508								
Prep Date: 6/8/2023	Analysis Date: 6/16/2023	SeqNo: 3543633	Units: mg/Kg							
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: mb-75453	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 75453	RunNo: 97508								
Prep Date: 6/8/2023	Analysis Date: 6/16/2023	SeqNo: 3543633	Units: mg/Kg							
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: lcs-75444	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 75444	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3543795	Units: mg/Kg							
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: mb-75444	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 75444	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3543796	Units: mg/Kg							
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: 2306247-086ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp15 1-2	Batch ID: 75444	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3543798	Units: mg/Kg							
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: 2306247-086amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp15 1-2	Batch ID: 75444	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3543799	Units: mg/Kg							
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: 2306247-116ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp20 1-2	Batch ID: 75447	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3543821	Units: mg/Kg							
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: 2306247-116ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp20 1-2	Batch ID: 75447	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3543821	Units: mg/Kg							
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: 2306247-116amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: Sp20 1-2	Batch ID: 75447	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3543822	Units: mg/Kg							
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: MB-75447	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 75447	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3545004	Units: mg/Kg							
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: lcs-75447	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 75447	RunNo: 97501								
Prep Date: 6/7/2023	Analysis Date: 6/17/2023	SeqNo: 3545005	Units: mg/Kg							
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: mb-75895	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 75895	RunNo: 97810								
Prep Date: 6/28/2023	Analysis Date: 6/29/2023	SeqNo: 3558395	Units: mg/Kg							
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:

- * 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: LCS-75463	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75463		RunNo: 97323							
Prep Date: 6/8/2023	Analysis Date: 6/9/2023		SeqNo: 3537095		Units: mg/Kg					
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: mb-75463	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75463		RunNo: 97323							
Prep Date: 6/8/2023	Analysis Date: 6/9/2023		SeqNo: 3537097		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	0.97		1.000		96.7	39.1	146			

Sample ID: lcs-75430	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75430		RunNo: 97455							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3541010		Units: mg/Kg					
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: mb-75430	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75430		RunNo: 97455							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3541011		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	0.94		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

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: ics-75432	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542467		Units: mg/Kg					
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: mb-75432	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542468		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	0.96		1.000		96.2	39.1	146			

Sample ID: 2306247-027ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp5 2-3	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542471		Units: mg/Kg					
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: 2306247-027amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp5 2-3	Batch ID: 75432		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/15/2023		SeqNo: 3542472		Units: mg/Kg					
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

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: ics-75438	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75438		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/16/2023		SeqNo: 3542491		Units: mg/Kg					
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: mb-75438	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75438		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/16/2023		SeqNo: 3542492		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	0.91		1.000		90.9	39.1	146			

Sample ID: 2306247-057ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp10 2-3	Batch ID: 75438		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/16/2023		SeqNo: 3542495		Units: mg/Kg					
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: 2306247-057amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp10 2-3	Batch ID: 75438		RunNo: 97436							
Prep Date: 6/7/2023	Analysis Date: 6/16/2023		SeqNo: 3542496		Units: mg/Kg					
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

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: LCS-75453	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75453		RunNo: 97508							
Prep Date: 6/8/2023	Analysis Date: 6/16/2023		SeqNo: 3543634		Units: mg/Kg					
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: mb-75453	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75453		RunNo: 97508							
Prep Date: 6/8/2023	Analysis Date: 6/16/2023		SeqNo: 3543635		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	0.89		1.000		88.8	39.1	146			

Sample ID: 2306247-147ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp25 2-3	Batch ID: 75453		RunNo: 97508							
Prep Date: 6/8/2023	Analysis Date: 6/17/2023		SeqNo: 3543638		Units: mg/Kg					
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: 2306247-147amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp25 2-3	Batch ID: 75453		RunNo: 97508							
Prep Date: 6/8/2023	Analysis Date: 6/17/2023		SeqNo: 3543639		Units: mg/Kg					
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: ics-75444	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75444		RunNo: 97501							
Prep Date: 6/7/2023	Analysis Date: 6/17/2023		SeqNo: 3543842		Units: mg/Kg					
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: mb-75444	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75444		RunNo: 97501							
Prep Date: 6/7/2023	Analysis Date: 6/17/2023		SeqNo: 3543843		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	0.90		1.000		90.4	39.1	146			

Sample ID: 2306247-087ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp15 2-3	Batch ID: 75444		RunNo: 97501							
Prep Date: 6/7/2023	Analysis Date: 6/17/2023		SeqNo: 3543846		Units: mg/Kg					
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: 2306247-087amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp15 2-3	Batch ID: 75444		RunNo: 97501							
Prep Date: 6/7/2023	Analysis Date: 6/17/2023		SeqNo: 3543847		Units: mg/Kg					
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

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: 2306247-117ams	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp20 2-3	Batch ID: 75447		RunNo: 97501							
Prep Date: 6/7/2023	Analysis Date: 6/17/2023		SeqNo: 3543870		Units: mg/Kg					
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: 2306247-117amsd	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: Sp20 2-3	Batch ID: 75447		RunNo: 97501							
Prep Date: 6/7/2023	Analysis Date: 6/17/2023		SeqNo: 3543871		Units: mg/Kg					
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: MB-75447	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 75447		RunNo: 97501							
Prep Date: 6/7/2023	Analysis Date: 6/17/2023		SeqNo: 3545006		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	0.94		1.000		93.6	39.1	146			

Sample ID: LCS-75447	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 75447		RunNo: 97501							
Prep Date: 6/7/2023	Analysis Date: 6/17/2023		SeqNo: 3545007		Units: mg/Kg					
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

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: *JH* 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		



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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

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: **BO CJ**

Mailing Address: **P.O. Box 108
Loco Hills, NM 88255**

Phone #: **575-709-5999**

email or Fax#: **wburns@burnethill.com**

QA/QC Package: **Rifreeman (Aspergillus)**

Standard Level 4 (Full Validation)

Accreditation: Az Compliance NELAC Other EDD (Type)

Turn-Around Time: **5 day**

Standard Rush

Project Name: **6-B16 WL (6.5.23)**

Project #: _____

Project Manager: **Ivan Burns**

Sampler: **Don Holt**

On Ice: Yes No

of Coolers: **6**

Cooler Temp (including CF): **See Check 11.5 (C)**

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
6/5/23	AM	soil	Spl 0-1	JAR		2306247
			1-2			-001
			2-3			-002
			3-4			-003
			4-5			-004
			5-6			-005
			Spl 0-1			-006
			1-2			-007
			2-3			-008
			3-4			-009
			4-5			-010
			5-6			-011
						-012

Date: **6/5/23** Time: **AM** Relinquished by: **Don Holt**

Date: **6/6/23** Time: **1900** Relinquished by: **Don Holt**

Received by: _____ Via: _____ Date: **6/6/23** Time: **530**

Received by: **Don Holt** Via: **Carrier** 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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)
8270 (Semi-VOA)	Total Coliform (Present/Absent)

Remarks:

Chain-of-Custody Record

Client: BOCF

Mailing Address: P.O. Box 128

6000 Hills NM 87055

Phone #: 575-709-5999

email or Fax#: wburnsp@midmail.com

QA/QC Package: K. Freeman Packaging

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Turn-Around Time: 5 day

Standard Rush

Project Name: G-B/6 WL (6.5.23)

Project #: _____

Project Manager: Bryan Burns

Sampler: Am Hunt

On Ice: Yes No

of Coolers: 6

Cooler Temp (including cf): See Checklist (°C)

Container Type and #

Preservative Type

HEAL No. 2306247



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Remarks:

Date	Time	Relinquished by:	Date	Time	Received by:	Via:
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	
6/5/23	Am	Ken. Tlem	6/10/23	530	[Signature]	



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time: 5 Day
 Standard Rush
 Project Name: GB16 WL (6.5.23)
 Project #: _____

Project Manager: Bryan Burns
 Sampler: Don Haft
 On Ice: Yes No
 # of Coolers: 6
 Cooler Temp (including CF): See Checklist (5°C)
 HEAL No. 2306247

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/5/23	Am	soil	SP 5 0-1	JAR		- 025
			1-2			- 026
			2-3			- 027
			3-4			- 028
			4-5			- 029
			5-6			- 030
			SP6 0-1			- 031
			1-2			- 032
			2-3			- 033
			3-4			- 034
			4-5			- 035
			5-6			- 036

Received by: _____ Date: 3/10/23 Time: 530
 Received by: _____ Date: 3/10/23 Time: 7:35

Analysis Request

BTEX / MTBE / TMBs (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCBs	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Remarks: _____

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: BECT
 Turn-Around Time: Sauey
 Standard Rush
 Project Name: GB16 WL (6.5.23)
 Project #: _____
 Mailing Address: P.O. Box 100
Loco Mills NM 88255
 Phone #: 575-709-5999
 email or Fax#: wburns@burnettcoil.com
 QA/QC Package: Rothman Pasquini
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other
 EDD (Type) _____
 Sampler: _____
 On Ice: Yes No
 # of Coolers: 6
 Cooler Temp (including CF): see check list (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
6/5/23	AM	Soil	SP 9 0-1	JAR		2306247
			1-2			-049
			2-3			-050
			3-4			-051
			4-5			-052
			5-6			-053
			SP10 0-1	JAR		-054
			1-2			-055
			2-3			-056
			3-4			-057
			4-5			-058
			5-6			-059
						-060

Project Manager: Bryan Burns
 Relinquished by: Ken Fren
 Date: 6/5/23 AM
 Relinquished by: CM
 Date: 6/7/23 1900
 Received by: [Signature]
 Date: 6/6/23 530
 Received by: [Signature]
 Date: 6/7/23 735



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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			

Remarks:

Chain-of-Custody Record

Client: BOC

Mailing Address: PO Box 123
600 Wells, NM 88255
 Phone #: 505-709-5999
 email or Fax#: wburns@burnwithack.com
 QA/QC Package: K. Peenshup Apensrow, us

Standard Level 4 (Full Validation)

Accreditation: Az Compliance Other

NELAC Other

EDD (Type)

Turn-Around Time: 5 day

Standard Rush

Project Name: G-B16 WL (6.5.23)

Project #: _____

Project Manager: Byron Burns

Sampler: _____

On Ice: Yes No

of Coolers: 6

Cooler Temp (including CF): See Checklist (7°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
6/5/23	Am	Soil	Sp 11 0-1	JAR		2306247
			1-2			-061
			2-3			-062
			3-4			-063
			4-5			-064
			5-6			-065
			Sp12 0-1			-066
			1-2			-067
			2-3			-068
			3-4			-069
			4-5			-070
			5-6			-071
						-072

Date: 6/5/23 Time: Am Relinquished by: Ken Turner

Date: 6/10/23 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Date: 6/10/23 Time: 530

Received by: [Signature] 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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			
✓	✓					✓			

Remarks:

Chain-of-Custody Record

Client: Boct
 Mailing Address: P.O. Box 100
1000 Hills NM 88255
 Phone #: 575-709-5999
 email or Fax#: whitburns@burnmethal.com
 QA/QC Package: K. Freeman & Associates, Inc.
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time: 5 day
 Standard Rush
 Project Name: GB16WL (6.5.23)
 Project #: _____

Project Manager: Bryan Burns
 Sampler: _____
 On Ice: Yes No
 # of Coolers: 6
 Cooler Temp (including CF): See Check 157°C

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
<u>9/5/23</u>	<u>Am</u>	<u>SAD</u>	<u>Sp 13</u>	<u>0-1</u>		<u>230B247</u>
						<u>-073</u>
						<u>-074</u>
						<u>-075</u>
						<u>-076</u>
						<u>-077</u>
						<u>-078</u>
			<u>Sp14</u>			<u>-079</u>
						<u>-080</u>
						<u>-081</u>
						<u>-082</u>
						<u>-083</u>
						<u>-084</u>

Date: 9/5/23 AM Relinquished by: Ken Freeman
 Date: 9/10/23 AM Relinquished by: Ken Freeman
 Received by: _____ Date: 9/6/23 Time: 5:30
 Received by: J. Lavrier 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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
<u>1</u>	<u>1</u>					<u>1</u>			
<u>1</u>	<u>1</u>					<u>1</u>			
<u>1</u>	<u>1</u>					<u>1</u>			
<u>1</u>	<u>1</u>					<u>1</u>			
<u>1</u>	<u>1</u>					<u>1</u>			
<u>1</u>	<u>1</u>					<u>1</u>			
<u>1</u>	<u>1</u>					<u>1</u>			
<u>1</u>	<u>1</u>					<u>1</u>			
<u>1</u>	<u>1</u>					<u>1</u>			

Remarks:

Chain-of-Custody Record

Client: BOCI
 Mailing Address: PO Box 108
Low Hills NM 80255
 Phone #: 575-709-5999
 email or Fax#: wburns@burnstheft.com
 QA/QC Package: K. Freeman @ Aspen-growth.us

Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time: 5 day
 Standard Rush
 Project Name: GB 16 WL (6.5.23)

Project #: _____
 Project Manager: Bryan Burns
 Sampler: Don Aull
 On Ice: Yes No
 # of Coolers: 6
 Cooler Temp (including CF): Yogi
See check 5/PC

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3/5/23	Am	soil	Sp 15	JW		2306247
			1-2			-085
			2-3			-086
			3-4			-087
			4-5			-088
			5-6			-089
			Sp 16			-090
			1-2			-091
			2-3			-092
			3-4			-093
			4-5			-094
			5-6			-095
						-096

Date: 3/5/23 Am Relinquished by: Ken Talen
 Date: 3/5/23 PM Relinquished by: _____
 Received by: _____ Date: 6/23 5PM
 Received by: _____ Date: 6/23 7:35 PM



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 ₃ , NO ₂ , PO ₄ , SO ₄	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	

Remarks: _____

Chain-of-Custody Record

Client: BOCI

Mailing Address: PO Box 188
Lead Hills NM 88255

Phone #: 575-789-5999

email or Fax#: 10burns@burnsmtel.com

QA/QC Package: R. Freeman Paspenshaw, US

Standard Level 4 (Full Validation)

Accreditation: AZ Compliance Other

NELAC Other

EDD (Type) _____

Turn-Around Time: 5 day

Standard Rush

Project Name: GB16 WL (6.5.23)

Project #: _____

Project Manager: Bryan Burns

Sampler: Don Holt

On Ice: Yes No

of Coolers: 6

Cooler Temp (including CF): See check. 51°C

HEAL No. 2306247

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
6/8/23	Am	Soil	Sp 17	0-1		-097
				1-2		-098
				2-3		-099
				3-4		-100
				4-5		-101
				5-6		-102
			Sp 18	0-1		-103
				1-2		-104
				2-3		-105
				3-4		-106
				4-5		-107
				5-6		-108

Date: 6/5/23 Time: Am Relinquished by: Kentner

Date: 6/8/23 Time: PM Relinquished by: [Signature]

Received by: _____ Date: 6/8/23 Time: 5:30

Received by: [Signature] Date: 6/7/23 Time: 7:35



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

<input checked="" type="checkbox"/> BTEX / MTBE / TMB's (8021)	<input checked="" type="checkbox"/> TPH:8015D(GRO / DRO / MRO)	<input checked="" type="checkbox"/> 8081 Pesticides/8082 PCB's	<input checked="" type="checkbox"/> EDB (Method 504.1)	<input checked="" type="checkbox"/> PAHs by 8310 or 8270SIMS	<input checked="" type="checkbox"/> RCRA 8 Metals	<input checked="" type="checkbox"/> Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	<input checked="" type="checkbox"/> 8260 (VOA)	<input checked="" type="checkbox"/> 8270 (Semi-VOA)	<input checked="" type="checkbox"/> Total Coliform (Present/Absent)
--	--	--	--	--	---	--	--	---	---

Remarks:

Chain-of-Custody Record

Client: BocF (Burnett Oil Co)
 Mailing Address: P.O. Box 188
1600 Hills, NM 88205
 Phone #: 575-709-5999
 email or Fax#: wburns@burnettoilco.com
 QA/QC Package: K. Freeman @ aspingrow, WS
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) _____

Turn-Around Time: 5 day
 Standard Rush
 Project Name: G-B16 Waterline (6.5.23)

Project #: _____
 Project Manager: Bryan Burns
 Sampler: Don Hecht
 On Ice: Yes No
 # of Coolers: 6
 Cooler Temp (including CF): See checklist (°C)

Container Type and # JAR
 Preservative Type _____
 HEAL No. 2306247

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
<u>6/5/23</u>	<u>PM</u>	<u>soil</u>	<u>sp 2.1</u>	<u>0-1</u>		<u>-121</u>
						<u>-122</u>
						<u>-123</u>
						<u>-124</u>
						<u>-125</u>
						<u>-126</u>
						<u>-127</u>
						<u>-128</u>
						<u>-129</u>
						<u>-130</u>
						<u>-131</u>
						<u>-132</u>

Date: 6/5/23 Time: PM Relinquished by: Don Hecht
 Date: 6/6/23 Time: 5:30 Received by: _____
 Date: 6/10/23 Time: 1:00 Relinquished by: _____
 Date: _____ Time: _____ Received by: _____



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 / TMBs (8021)	
TPH:8015D(GRO / DRO / MRO)	
8081 Pesticides/8082 PCBs	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	
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: BCEI

Mailing Address: P.O. Box 100
1000 Hill, NM 88255

Phone #: 575-709-5999

email or Fax#: w.burns@burnstail.com

QA/QC Package: K. Freeman@epsgrow.us

Standard Level 4 (Full Validation)

Accreditation: AZ Compliance
 NELAC Other

EDD (Type)

Turn-Around Time: Standard Rush

Project Name: Station G-B16
Station G-B16

Project #: 6-B16 WL (6.5.23)

Project Manager: Bryan Burns

Sampler: Don Holt

On Ice: Yes No

of Coolers: 6

Cooler Temp (including cp): See Checklist

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
<u>6/5/23</u>	<u>pm</u>	<u>411</u>	<u>Sp 23 0-1</u>	<u>JAN</u>		<u>2306247</u>
			<u>1-2</u>			<u>-133</u>
			<u>2-3</u>			<u>-134</u>
			<u>3-4</u>			<u>-135</u>
			<u>4-5</u>			<u>-136</u>
			<u>5-6</u>			<u>-137</u>
			<u>Sp 24 0-1</u>			<u>-138</u>
			<u>1-2</u>			<u>-139</u>
			<u>2-3</u>			<u>-140</u>
			<u>3-4</u>			<u>-141</u>
			<u>4-5</u>			<u>-142</u>
			<u>5-6</u>			<u>-143</u>
						<u>-144</u>

Date: 6/5/23 Time: pm Relinquished by: Don Holt

Date: 6/6/23 Time: 1900 Relinquished by: Don Holt

Received by: Don Holt Date: 6/6/23 Time: 530

Received 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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>

Remarks: Test next deeper sampler if
blec greater than 50mg/kg on samples 5-7-6
TOH greater than 100 mg/kg

Chain-of-Custody Record

Client: Boji

Mailing Address: P.O. Box 128

Phone #: 505-702-5999

email or Fax#: w.barns@burnhall.com

QA/QC Package: K.freeman@spangrow.us

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Turn-Around Time: 5 day
 Standard Rush

Project Name: GB16 WL (6.5.23)

Project #: _____

Project Manager: Bryan Burns

Sampler: Don Holt

On Ice: Yes No

of Coolers: 6

Cooler Temp (including CP): See check sheet (°C)

Container Type and #

Preservative Type

HEAL No. 2306247

Date

Matrix

Sample Name

Date

Time

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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Remarks: Sample Readings greater than 50mg/kg BTEX 100mg/kg TPH Test next deeper sample

Received by: ac Date: 4/6/23 Time: 530
Via: _____
Received by: Don Holt Date: 6/7/23 Time: 7:35
Via: _____

Chain-of-Custody Record

Client: BOCI

Mailing Address: P.O. Box 188
1000 Hills, NM 88255

Phone #: 505-709-5999

email or Fax#: wburns@burnwell.com
K.free man@Aspergro.us

QA/QC Package: Standard Level 4 (Full Validation)

Accreditation: AZ Compliance NELAC Other EDD (Type)

Turn-Around Time: 5 day
 Standard Rush

Project Name: G-B16 WL (6.5.23)

Project #: _____

Project Manager: Bryan Burns

Sampler: Don Holt

On Ice: Yes No

of Coolers: 6

Cooler Temp (including cF): See chart 5/17/23

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
6/5/23	Am	soil	Sp 27 0-1	JAR		-157
			1-2			-158
			2-3			-159
			3-4			-160
			4-5			-161
			5-6			-162
			Sp 28 0-1			-163
			1-2			-164
			2-3			-165
			3-4			-166
			4-5			-167
			5-6			-168

Date: 6/5/23 Time: Am Relinquished by: Ken-Jen

Date: 6/10/23 Time: 9:00 Relinquished by: XXXXXXXXXX

Received by: [Signature] Date: 6/10/23 Time: 5:00

Received by: [Signature] Date: 6/7/23 Time: 7:30



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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Remarks:

Chain-of-Custody Record

Client: BOCF

Mailing Address: P.O. Box 188
Lower Hills, NM 88255

Phone #: 575-709-6999

email or Fax#: wburns@burnettand.com

QA/QC Package: K. Freeman - P. Asparagosa - WS

Standard Level 4 (Full Validation)

Accreditation: AZ Compliance
 NELAC Other

EDD (Type)

Turn-Around Time: 5 day

Standard Rush

Project Name: 6816 (6.5.23)

Project #: _____

Project Manager: Bryan Burns

Sampler: Don't H Yes No

On Ice: _____

of Coolers: 6

Cooler Temp (including CF): See Check 1, 2, 3, 4, 5, 6

HEAL No. 2306247

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	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 ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
6/5/23	AM	soil	Sp 29 0-1	Jar											
			1-2												
			2-3												
			3-4												
			4-5												
			5-6												
			Sp30 0-1												
			1-2												
			2-3												
			3-4												
			4-5												
			5-6												

Analysis Request

Received by: _____ Date Time: 4/6/23 5:50

Via: _____

Relinquished by: Ken Hurm

Received by: _____ Date Time: 6/7/23 7:35

Via: _____

Relinquished by: _____

Remarks:

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?	>101 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input 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: <i>Each of the following items must be included in the report.</i>
<input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
<input checked="" type="checkbox"/> Field data
<input checked="" type="checkbox"/> Data table of soil contaminant concentration data
<input checked="" type="checkbox"/> Depth to water determination
<input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
<input checked="" type="checkbox"/> Boring or excavation logs
<input checked="" type="checkbox"/> Photographs including date and GIS information
<input checked="" type="checkbox"/> Topographic/Aerial maps
<input checked="" type="checkbox"/> Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2315143206
District RP	
Facility ID	
Application ID	

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p> <p>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.</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p> <p>Bryan Burns contacted Mike Brachter by phone to make notification.</p>	

Initial Response

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

<p><input checked="" type="checkbox"/> The source of the release has been stopped.</p> <p><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.</p> <p><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.</p> <p><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.</p>
<p>If all the actions described above have <u>not</u> been undertaken, explain why:</p>
<p>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.</p>
<p>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.</p> <p>Printed Name: <u>Bryan Burns</u> Title: <u>HSE and Security Coordinator</u></p> <p>Signature: _____ Date: _____</p> <p>email: <u>wburns@burnettoil.com</u> Telephone: <u>(575) 706-5999</u></p>
<p><u>OCD Only</u></p> <p>Received by: _____ Date: _____</p>

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

Prerequisites	
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

Location of Release Source	
<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

Incident Details	
<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

Nature and Volume of Release	
<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

Nature and Volume of Release (continued)	
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.
<i>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.</i>	

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
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 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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
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.

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 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

Remediation Plan (continued)

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.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site 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.

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 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: 03/04/2025
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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 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	
<i>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.</i>	
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)

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

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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