

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	nAPP2103949024
District RP	
Facility ID	fAB190953882
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 32.84295 Longitude -103.94975  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gissler B 3-3 Tank Battery	Site Type Tank Battery
Date Release Discovered 2-2-21	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	11	17S	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) 15	Volume Recovered (bbls) 2
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input 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 : Nipple broke on Transfer pump causing fluid to spray into the containment area with some hitting the dyke and running down the road and into the pasture.


Corrected GPS

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<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</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>I sent an email to Mike Bratcher advising him of the release even though it is not a Major Release on 2-2-21.</p>	

## Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B, (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Bryan Burns</u>	Title: <u>HSE Coordinator &amp; Security Coordinator</u>
Signature: 	Date: <u>2-5-21</u>
email: <u>wburns@burnettoil.com</u>	Telephone: <u>(575) 706-5999</u>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

Incident ID	nAPP2103949024
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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?	>300 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

## Oil Conservation Division

Incident ID	nAPP2103949024
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Facility ID	fAB190953882
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 Coordinator & Security Coordinator

Signature:  Date: 3-19-21

email: wburns@burnettoil.com Telephone: (575) 706-5999

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_



Incident ID	nAPP2103949024
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## 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 Coordinator & Security Coordinator

Signature:  Date: 3/19/21

email: wburns@burnettoil.com Telephone: (575) 706-5999

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



**Gisslber B 3-3**

32.84639;-103.95093 4975

2-2-21 Transfer Pump

SP1: 32.843299;-103.949741

SP2: 32.843171;-103.949749

SP3: 32.843042;-103.949443

SP4: 32.843051;-103.949925

SP5: 32.843040;-103.949772

SP6: 32.843299;-103.949616














SP7: 32.842985;-103.949525

SP8: 32.842856;-103.949436

SP9: 32.842699;-103.949463

SP10: 32.842605;-103.949399

**Legend**

-  Feature 4
-  Overspray
-  Release Path Outside Containment
-  Release Pt
-  Run and Pool Path Inside
-  SP1
-  SP10
-  SP2
-  SP3
-  SP5
-  SP7
-  SP8
-  SP9





BURNETT OIL CO., INC.

Location: GB 3-3 : 2/2/21

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/27/2021	Sp 1	0-1	1600	ND	500	500	ND	ND	ND	ND	ND
		1-2	850								
		2-3	430								
		3-4	900								
		4-5	1700								
	Sp2	0-1	510	ND	1,090	1090	ND	ND	ND	ND	ND
		1-2	4700								
		2-3	390								
		3-4	61								
		4-5	ND								

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/27/2021	SP3	0-1	3500	ND	6400	6400	ND	ND	ND	ND	ND
		1-2	4600	40	4200	4240					
		2-3	1200								
		3-4	5400								
		4-5	5700								
	SP4	0-1	150	ND	1000	1000	ND	ND	ND	ND	ND
		1-2	120								
		2-3	150								
		3-4	120								
		4-5	110								





BURNETT OIL CO., INC.

Location: GB 3-3 : 2/2/21Page: 3

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/27/2021	SP5	0-1	1500	ND	1010	1010	ND	ND	ND	ND	ND
		1-2	490								
		2-3	420								
		3-4	410								
		4-5	450								
	SP6	0-1	3700	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	2200								
		2-3	2200								
		3-4	1800								
		4-5	2200								



BURNETT OIL CO., INC.

Location: GB 3-3 : 2/2/21Page: 4

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/27/2021	SP7	0-1	1200	ND	172	172	ND	ND	ND	ND	ND
		1-2	110								
		2-3	3300								
		3-4	6100								
		4-5	5900								
	SP8	0-1	5400	ND	368	368	ND	ND	ND	ND	ND
		1-2	9700								
		2-3	5100								
		3-4	1600								
		4-5	240								



BURNETT OIL CO., INC.

Location: GB 3-3 : 2-21-21Page: 5

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/27/2021	SP9	0-1	13000	ND	7600	7600	ND	0.17	0.076	ND	0.24
		1-2	7300	ND	650	650					
		2-3	4800	ND	ND	ND					
		3-4	5300								
		4-5	5100								
	SP10	0-1	21000	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	1000								
		2-3	11000								
		3-4	3100								
		4-5	2200								



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

March 11, 2021

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

RE: Gissler B 3-3 TB 2/27/21

OrderNo.: 2103071

Dear Bryan Burns:

Hall Environmental Analysis Laboratory received 50 sample(s) on 3/2/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109



## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-001

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1600	59		mg/Kg	20	3/8/2021 1:35:25 PM	58565
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	180	9.3		mg/Kg	1	3/6/2021 3:54:28 AM	58463
Motor Oil Range Organics (MRO)	320	47		mg/Kg	1	3/6/2021 3:54:28 AM	58463
Surr: DNOP	103	70-130		%Rec	1	3/6/2021 3:54:28 AM	58463
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/4/2021 6:05:00 AM	58445
Surr: BFB	87.9	75.3-105		%Rec	1	3/4/2021 6:05:00 AM	58445
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	3/4/2021 6:05:00 AM	58445
Toluene	ND	0.048		mg/Kg	1	3/4/2021 6:05:00 AM	58445
Ethylbenzene	ND	0.048		mg/Kg	1	3/4/2021 6:05:00 AM	58445
Xylenes, Total	ND	0.096		mg/Kg	1	3/4/2021 6:05:00 AM	58445
Surr: 4-Bromofluorobenzene	93.0	80-120		%Rec	1	3/4/2021 6:05:00 AM	58445

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-002

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	850	60		mg/Kg	20	3/8/2021 1:47:50 PM	58565

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-003

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	430	60		mg/Kg	20	3/8/2021 2:00:14 PM	58565

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-004

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	900	60		mg/Kg	20	3/8/2021 2:12:39 PM	58565

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp1 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-005

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1700	60		mg/Kg	20	3/8/2021 2:25:03 PM	58565

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-006

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	510	59		mg/Kg	20	3/8/2021 2:37:28 PM	58565
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	220	93		mg/Kg	10	3/6/2021 4:18:04 AM	58463
Motor Oil Range Organics (MRO)	870	460		mg/Kg	10	3/6/2021 4:18:04 AM	58463
Surr: DNOP	0	70-130	S	%Rec	10	3/6/2021 4:18:04 AM	58463
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/4/2021 6:24:00 AM	58445
Surr: BFB	83.0	75.3-105		%Rec	1	3/4/2021 6:24:00 AM	58445
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.025		mg/Kg	1	3/4/2021 6:24:00 AM	58445
Toluene	ND	0.049		mg/Kg	1	3/4/2021 6:24:00 AM	58445
Ethylbenzene	ND	0.049		mg/Kg	1	3/4/2021 6:24:00 AM	58445
Xylenes, Total	ND	0.099		mg/Kg	1	3/4/2021 6:24:00 AM	58445
Surr: 4-Bromofluorobenzene	89.3	80-120		%Rec	1	3/4/2021 6:24:00 AM	58445

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-007

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	4700	300		mg/Kg	100	3/9/2021 9:47:26 AM	58565

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-008

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	390	60		mg/Kg	20	3/8/2021 3:02:18 PM	58565

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-009

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	61	61		mg/Kg	20	3/8/2021 3:39:31 PM	58565

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp2 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-010

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/8/2021 3:51:56 PM	58565

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-011

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3500	150		mg/Kg	50	3/9/2021 9:59:50 AM	58565
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	2800	100		mg/Kg	10	3/6/2021 4:29:59 AM	58463
Motor Oil Range Organics (MRO)	3600	500		mg/Kg	10	3/6/2021 4:29:59 AM	58463
Surr: DNOP	0	70-130	S	%Rec	10	3/6/2021 4:29:59 AM	58463
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/4/2021 6:44:00 AM	58445
Surr: BFB	90.2	75.3-105		%Rec	1	3/4/2021 6:44:00 AM	58445
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.025		mg/Kg	1	3/4/2021 6:44:00 AM	58445
Toluene	ND	0.050		mg/Kg	1	3/4/2021 6:44:00 AM	58445
Ethylbenzene	ND	0.050		mg/Kg	1	3/4/2021 6:44:00 AM	58445
Xylenes, Total	ND	0.099		mg/Kg	1	3/4/2021 6:44:00 AM	58445
Surr: 4-Bromofluorobenzene	92.2	80-120		%Rec	1	3/4/2021 6:44:00 AM	58445

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-012

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	4600	150		mg/Kg	50	3/9/2021 10:12:15 AM	58565
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	2200	97		mg/Kg	10	3/10/2021 12:00:18 PM	58636
Motor Oil Range Organics (MRO)	2000	480		mg/Kg	10	3/10/2021 12:00:18 PM	58636
Surr: DNOP	0	70-130	S	%Rec	10	3/10/2021 12:00:18 PM	58636
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	40	24		mg/Kg	5	3/10/2021 5:41:05 PM	58615
Surr: BFB	129	75.3-105	S	%Rec	5	3/10/2021 5:41:05 PM	58615

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-013

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1200	60		mg/Kg	20	3/8/2021 4:29:10 PM	58565

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-014

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5400	150		mg/Kg	50	3/9/2021 10:24:40 AM	58565

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp3 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-015

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5700	300		mg/Kg	100	3/9/2021 1:30:48 PM	58571

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-016

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	150	60		mg/Kg	20	3/8/2021 12:05:17 PM	58571
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	190	9.5		mg/Kg	1	3/8/2021 9:26:42 AM	58463
Motor Oil Range Organics (MRO)	810	48		mg/Kg	1	3/8/2021 9:26:42 AM	58463
Surr: DNOP	114	70-130		%Rec	1	3/8/2021 9:26:42 AM	58463
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/4/2021 7:04:00 AM	58445
Surr: BFB	83.4	75.3-105		%Rec	1	3/4/2021 7:04:00 AM	58445
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
Benzene	ND	0.024		mg/Kg	1	3/4/2021 7:04:00 AM	58445
Toluene	ND	0.049		mg/Kg	1	3/4/2021 7:04:00 AM	58445
Ethylbenzene	ND	0.049		mg/Kg	1	3/4/2021 7:04:00 AM	58445
Xylenes, Total	ND	0.098		mg/Kg	1	3/4/2021 7:04:00 AM	58445
Surr: 4-Bromofluorobenzene	87.8	80-120		%Rec	1	3/4/2021 7:04:00 AM	58445

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-017

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	120	60		mg/Kg	20	3/8/2021 12:17:41 PM	58571

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-018

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	150	60		mg/Kg	20	3/8/2021 12:54:56 PM	58571

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-019

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	3/8/2021 1:56:59 PM	58571

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp4 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-020

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	3/8/2021 2:09:24 PM	58571

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-021

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1500	60		mg/Kg	20	3/8/2021 2:21:48 PM	58571
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/4/2021 5:45:43 PM	58453
Surr: BFB	104	70-130		%Rec	1	3/4/2021 5:45:43 PM	58453
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	230	97		mg/Kg	10	3/6/2021 5:17:23 AM	58463
Motor Oil Range Organics (MRO)	780	480		mg/Kg	10	3/6/2021 5:17:23 AM	58463
Surr: DNOP	0	70-130	S	%Rec	10	3/6/2021 5:17:23 AM	58463
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
Benzene	ND	0.023		mg/Kg	1	3/4/2021 5:45:43 PM	58453
Toluene	ND	0.046		mg/Kg	1	3/4/2021 5:45:43 PM	58453
Ethylbenzene	ND	0.046		mg/Kg	1	3/4/2021 5:45:43 PM	58453
Xylenes, Total	ND	0.092		mg/Kg	1	3/4/2021 5:45:43 PM	58453
Surr: 1,2-Dichloroethane-d4	93.7	70-130		%Rec	1	3/4/2021 5:45:43 PM	58453
Surr: 4-Bromofluorobenzene	94.7	70-130		%Rec	1	3/4/2021 5:45:43 PM	58453
Surr: Dibromofluoromethane	102	70-130		%Rec	1	3/4/2021 5:45:43 PM	58453
Surr: Toluene-d8	107	70-130		%Rec	1	3/4/2021 5:45:43 PM	58453

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-022

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	490	60		mg/Kg	20	3/8/2021 2:34:13 PM	58571

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-023

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	420	60		mg/Kg	20	3/8/2021 2:46:38 PM	58571

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-024

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	410	60		mg/Kg	20	3/8/2021 2:59:02 PM	58571

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp5 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-025

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	450	60		mg/Kg	20	3/8/2021 3:11:26 PM	58571

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp6 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-026

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	3700	150		mg/Kg	50	3/9/2021 1:43:13 PM	58571
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/5/2021 5:42:24 PM	58453
Surr: BFB	101	70-130		%Rec	1	3/5/2021 5:42:24 PM	58453
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	3/9/2021 10:47:19 AM	58597
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	3/9/2021 10:47:19 AM	58597
Surr: DNOP	96.8	70-130		%Rec	1	3/9/2021 10:47:19 AM	58597
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	3/5/2021 5:42:24 PM	58453
Toluene	ND	0.047		mg/Kg	1	3/5/2021 5:42:24 PM	58453
Ethylbenzene	ND	0.047		mg/Kg	1	3/5/2021 5:42:24 PM	58453
Xylenes, Total	ND	0.094		mg/Kg	1	3/5/2021 5:42:24 PM	58453
Surr: 1,2-Dichloroethane-d4	88.2	70-130		%Rec	1	3/5/2021 5:42:24 PM	58453
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	3/5/2021 5:42:24 PM	58453
Surr: Dibromofluoromethane	93.8	70-130		%Rec	1	3/5/2021 5:42:24 PM	58453
Surr: Toluene-d8	102	70-130		%Rec	1	3/5/2021 5:42:24 PM	58453

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp6 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-027

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	2200	59		mg/Kg	20	3/8/2021 3:36:15 PM	58571

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp6 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-028

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	2200	61		mg/Kg	20	3/8/2021 3:48:40 PM	58571

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp6 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-029

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1800	60		mg/Kg	20	3/8/2021 4:25:55 PM	58571

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp6 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-030

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2200	60		mg/Kg	20	3/8/2021 4:38:19 PM	58571

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp7 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-031

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	1200	60		mg/Kg	20	3/8/2021 4:50:43 PM	58571
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/4/2021 7:12:26 PM	58453
Surr: BFB	99.0	70-130		%Rec	1	3/4/2021 7:12:26 PM	58453
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	22	9.9		mg/Kg	1	3/6/2021 5:41:07 AM	58463
Motor Oil Range Organics (MRO)	150	50		mg/Kg	1	3/6/2021 5:41:07 AM	58463
Surr: DNOP	122	70-130		%Rec	1	3/6/2021 5:41:07 AM	58463
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	3/4/2021 7:12:26 PM	58453
Toluene	ND	0.049		mg/Kg	1	3/4/2021 7:12:26 PM	58453
Ethylbenzene	ND	0.049		mg/Kg	1	3/4/2021 7:12:26 PM	58453
Xylenes, Total	ND	0.098		mg/Kg	1	3/4/2021 7:12:26 PM	58453
Surr: 1,2-Dichloroethane-d4	92.2	70-130		%Rec	1	3/4/2021 7:12:26 PM	58453
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	3/4/2021 7:12:26 PM	58453
Surr: Dibromofluoromethane	107	70-130		%Rec	1	3/4/2021 7:12:26 PM	58453
Surr: Toluene-d8	102	70-130		%Rec	1	3/4/2021 7:12:26 PM	58453

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp7 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-032

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	110	60		mg/Kg	20	3/8/2021 5:03:08 PM	58571

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp7 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-033

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3300	150		mg/Kg	50	3/9/2021 2:20:26 PM	58571

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp7 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-034

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	6100	300		mg/Kg	100	3/9/2021 2:32:50 PM	58571

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp7 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-035

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5900	300		mg/Kg	100	3/9/2021 10:37:04 AM	58577

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-036

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	5400	300		mg/Kg	100	3/9/2021 10:49:29 AM	58577
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/4/2021 7:41:18 PM	58453
Surr: BFB	94.7	70-130		%Rec	1	3/4/2021 7:41:18 PM	58453
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	78	9.7		mg/Kg	1	3/6/2021 6:04:37 AM	58463
Motor Oil Range Organics (MRO)	290	49		mg/Kg	1	3/6/2021 6:04:37 AM	58463
Surr: DNOP	138	70-130	S	%Rec	1	3/6/2021 6:04:37 AM	58463
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	3/4/2021 7:41:18 PM	58453
Toluene	ND	0.048		mg/Kg	1	3/4/2021 7:41:18 PM	58453
Ethylbenzene	ND	0.048		mg/Kg	1	3/4/2021 7:41:18 PM	58453
Xylenes, Total	ND	0.097		mg/Kg	1	3/4/2021 7:41:18 PM	58453
Surr: 1,2-Dichloroethane-d4	81.1	70-130		%Rec	1	3/4/2021 7:41:18 PM	58453
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	3/4/2021 7:41:18 PM	58453
Surr: Dibromofluoromethane	99.1	70-130		%Rec	1	3/4/2021 7:41:18 PM	58453
Surr: Toluene-d8	100	70-130		%Rec	1	3/4/2021 7:41:18 PM	58453

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-037

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	9700	300		mg/Kg	100	3/9/2021 11:01:54 AM	58577

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-038

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5100	150		mg/Kg	50	3/9/2021 11:14:19 AM	58577

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-039

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1600	61		mg/Kg	20	3/8/2021 7:22:55 PM	58577

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-040

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	240	60		mg/Kg	20	3/8/2021 7:35:20 PM	58577

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-041

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	13000	600		mg/Kg	200	3/9/2021 11:51:32 AM	58577
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/5/2021 6:10:49 PM	58453
Surr: BFB	101	70-130		%Rec	1	3/5/2021 6:10:49 PM	58453
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	2500	990		mg/Kg	100	3/5/2021 5:54:13 AM	58463
Motor Oil Range Organics (MRO)	5100	5000		mg/Kg	100	3/5/2021 5:54:13 AM	58463
Surr: DNOP	0	70-130	S	%Rec	100	3/5/2021 5:54:13 AM	58463
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	3/5/2021 6:10:49 PM	58453
Toluene	0.17	0.049		mg/Kg	1	3/5/2021 6:10:49 PM	58453
Ethylbenzene	0.076	0.049		mg/Kg	1	3/5/2021 6:10:49 PM	58453
Xylenes, Total	ND	0.098		mg/Kg	1	3/5/2021 6:10:49 PM	58453
Surr: 1,2-Dichloroethane-d4	97.6	70-130		%Rec	1	3/5/2021 6:10:49 PM	58453
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	3/5/2021 6:10:49 PM	58453
Surr: Dibromofluoromethane	99.3	70-130		%Rec	1	3/5/2021 6:10:49 PM	58453
Surr: Toluene-d8	104	70-130		%Rec	1	3/5/2021 6:10:49 PM	58453

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-042

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	7300	300		mg/Kg	100	3/9/2021 12:03:57 PM	58577
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	140	10		mg/Kg	1	3/10/2021 12:41:58 PM	58636
Motor Oil Range Organics (MRO)	510	50		mg/Kg	1	3/10/2021 12:41:58 PM	58636
Surr: DNOP	88.9	70-130		%Rec	1	3/10/2021 12:41:58 PM	58636
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/10/2021 6:28:33 PM	58615
Surr: BFB	106	75.3-105	S	%Rec	1	3/10/2021 6:28:33 PM	58615

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-043

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	4800	150		mg/Kg	50	3/9/2021 12:16:21 PM	58577
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/10/2021 11:31:14 AM	58636
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/10/2021 11:31:14 AM	58636
Surr: DNOP	93.1	70-130		%Rec	1	3/10/2021 11:31:14 AM	58636
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/10/2021 7:15:59 PM	58615
Surr: BFB	105	75.3-105	S	%Rec	1	3/10/2021 7:15:59 PM	58615

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-044

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5300	150		mg/Kg	50	3/9/2021 12:28:45 PM	58577

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp9 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-045

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	5100	150		mg/Kg	50	3/9/2021 12:41:10 PM	58577

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 0-1

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-046

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	21000	1500		mg/Kg	500	3/9/2021 12:53:34 PM	58577
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/4/2021 8:10:09 PM	58453
Surr: BFB	103	70-130		%Rec	1	3/4/2021 8:10:09 PM	58453
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/5/2021 4:02:15 AM	58463
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/5/2021 4:02:15 AM	58463
Surr: DNOP	99.2	70-130		%Rec	1	3/5/2021 4:02:15 AM	58463
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
Benzene	ND	0.023		mg/Kg	1	3/4/2021 8:10:09 PM	58453
Toluene	ND	0.047		mg/Kg	1	3/4/2021 8:10:09 PM	58453
Ethylbenzene	ND	0.047		mg/Kg	1	3/4/2021 8:10:09 PM	58453
Xylenes, Total	ND	0.094		mg/Kg	1	3/4/2021 8:10:09 PM	58453
Surr: 1,2-Dichloroethane-d4	91.9	70-130		%Rec	1	3/4/2021 8:10:09 PM	58453
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	3/4/2021 8:10:09 PM	58453
Surr: Dibromofluoromethane	106	70-130		%Rec	1	3/4/2021 8:10:09 PM	58453
Surr: Toluene-d8	103	70-130		%Rec	1	3/4/2021 8:10:09 PM	58453

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 1-2

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-047

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	1000	60		mg/Kg	20	3/8/2021 9:27:01 PM	58577

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 2-3

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-048

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	11000	600		mg/Kg	200	3/9/2021 1:05:59 PM	58577

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

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

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 3-4

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-049

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	3100	150		mg/Kg	50	3/9/2021 1:18:24 PM	58577

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	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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## Analytical Report

Lab Order 2103071

Date Reported: 3/11/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 4-5

Project: Gissler B 3-3 TB 2/27/21

Collection Date: 2/27/2021

Lab ID: 2103071-050

Matrix: SOIL

Received Date: 3/2/2021 10:43:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: VP
Chloride	2200	60		mg/Kg	20	3/8/2021 10:04:13 PM	58577

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

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

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

WO#: 2103071

11-Mar-21

**Client:** Burnett Oil Co Inc  
**Project:** Gissler B 3-3 TB 2/27/21

Sample ID: <b>MB-58565</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58565</b>	RunNo: <b>75754</b>								
Prep Date: <b>3/8/2021</b>	Analysis Date: <b>3/8/2021</b>	SeqNo: <b>2680709</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58565</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58565</b>	RunNo: <b>75754</b>								
Prep Date: <b>3/8/2021</b>	Analysis Date: <b>3/8/2021</b>	SeqNo: <b>2680710</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Sample ID: <b>MB-58577</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58577</b>	RunNo: <b>75754</b>								
Prep Date: <b>3/8/2021</b>	Analysis Date: <b>3/8/2021</b>	SeqNo: <b>2680741</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58577</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58577</b>	RunNo: <b>75754</b>								
Prep Date: <b>3/8/2021</b>	Analysis Date: <b>3/8/2021</b>	SeqNo: <b>2680742</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

Sample ID: <b>MB-58571</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58571</b>	RunNo: <b>75780</b>								
Prep Date: <b>3/8/2021</b>	Analysis Date: <b>3/8/2021</b>	SeqNo: <b>2680922</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58571</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58571</b>	RunNo: <b>75780</b>								
Prep Date: <b>3/8/2021</b>	Analysis Date: <b>3/8/2021</b>	SeqNo: <b>2680923</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	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 range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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

WO#: 2103071

11-Mar-21

**Client:** Burnett Oil Co Inc  
**Project:** Gissler B 3-3 TB 2/27/21

Sample ID: <b>MB-58463</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58463</b>	RunNo: <b>75711</b>								
Prep Date: <b>3/3/2021</b>	Analysis Date: <b>3/5/2021</b>	SeqNo: <b>2678458</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		123	70	130			

Sample ID: <b>LCS-58463</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58463</b>	RunNo: <b>75711</b>								
Prep Date: <b>3/3/2021</b>	Analysis Date: <b>3/5/2021</b>	SeqNo: <b>2678459</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	54	10	50.00	0	109	68.9	141			
Surr: DNOP	5.6		5.000		112	70	130			

Sample ID: <b>MB-58597</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58597</b>	RunNo: <b>75778</b>								
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/9/2021</b>	SeqNo: <b>2681414</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		92.6	70	130			

Sample ID: <b>LCS-58597</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58597</b>	RunNo: <b>75778</b>								
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/9/2021</b>	SeqNo: <b>2681415</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.5	68.9	141			
Surr: DNOP	4.9		5.000		97.4	70	130			

Sample ID: <b>2103071-026AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp6 0-1</b>	Batch ID: <b>58597</b>	RunNo: <b>75778</b>								
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/9/2021</b>	SeqNo: <b>2681417</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	9.3	46.55	0	87.9	15	184			
Surr: DNOP	4.8		4.655		103	70	130			

**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 range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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

WO#: 2103071

11-Mar-21

**Client:** Burnett Oil Co Inc**Project:** Gissler B 3-3 TB 2/27/21

Sample ID: <b>2103071-026AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>Sp6 0-1</b>	Batch ID: <b>58597</b>	RunNo: <b>75778</b>								
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/9/2021</b>	SeqNo: <b>2681418</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	9.0	44.92	0	90.5	15	184	0.674	23.9	
Surr: DNOP	4.4		4.492		98.6	70	130	0	0	

Sample ID: <b>MB-58636</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58636</b>	RunNo: <b>75826</b>								
Prep Date: <b>3/10/2021</b>	Analysis Date: <b>3/10/2021</b>	SeqNo: <b>2682817</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.1		10.00		90.7	70	130			

Sample ID: <b>LCS-58636</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58636</b>	RunNo: <b>75826</b>								
Prep Date: <b>3/10/2021</b>	Analysis Date: <b>3/10/2021</b>	SeqNo: <b>2682818</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.8	68.9	141			
Surr: DNOP	4.7		5.000		94.2	70	130			

**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 range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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

WO#: 2103071

11-Mar-21

**Client:** Burnett Oil Co Inc  
**Project:** Gissler B 3-3 TB 2/27/21

Sample ID: <b>ics-58445</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>58445</b>			RunNo: <b>75725</b>						
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>			SeqNo: <b>2678493</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	80	120			
Surr: BFB	970		1000		97.3	75.3	105			

Sample ID: <b>mb-58445</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>58445</b>			RunNo: <b>75725</b>						
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>			SeqNo: <b>2678494</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		88.6	75.3	105			

Sample ID: <b>mb-58615</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>58615</b>			RunNo: <b>75824</b>						
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/10/2021</b>			SeqNo: <b>2683597</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	75.3	105			

Sample ID: <b>ics-58615</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>58615</b>			RunNo: <b>75824</b>						
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/10/2021</b>			SeqNo: <b>2683598</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	113	80	120			
Surr: BFB	1200		1000		118	75.3	105			S

**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 range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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

WO#: 2103071

11-Mar-21

**Client:** Burnett Oil Co Inc  
**Project:** Gissler B 3-3 TB 2/27/21

Sample ID: <b>LCS-58445</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58445</b>	RunNo: <b>75690</b>								
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/3/2021</b>	SeqNo: <b>2677053</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.3	80	120			
Toluene	0.94	0.050	1.000	0	93.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.4	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.2	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		92.8	80	120			

Sample ID: <b>MB-58445</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58445</b>	RunNo: <b>75690</b>								
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/3/2021</b>	SeqNo: <b>2677054</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		92.5	80	120			

Sample ID: <b>mb-58445</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58445</b>	RunNo: <b>75725</b>								
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>	SeqNo: <b>2678551</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		94.6	80	120			

Sample ID: <b>mb-58615</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58615</b>	RunNo: <b>75824</b>								
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/10/2021</b>	SeqNo: <b>2683621</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		97.2	80	120			

Sample ID: <b>LCS-58615</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58615</b>	RunNo: <b>75824</b>								
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/10/2021</b>	SeqNo: <b>2683622</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103071

11-Mar-21

**Client:** Burnett Oil Co Inc  
**Project:** Gissler B 3-3 TB 2/27/21

Sample ID: <b>LCS-58615</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58615</b>	RunNo: <b>75824</b>								
Prep Date: <b>3/9/2021</b>	Analysis Date: <b>3/10/2021</b>	SeqNo: <b>2683622</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

### 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 range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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

WO#: 2103071

11-Mar-21

**Client:** Burnett Oil Co Inc  
**Project:** Gissler B 3-3 TB 2/27/21

Sample ID: <b>lcs-58453</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8260B: Volatiles Short List</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>58453</b>			RunNo: <b>75724</b>						
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>			SeqNo: <b>2678379</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.9	70	130			
Toluene	1.0	0.050	1.000	0	103	70	130			
Surr: 1,2-Dichloroethane-d4	0.43		0.5000		86.2	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		98.8	70	130			
Surr: Dibromofluoromethane	0.42		0.5000		83.3	70	130			
Surr: Toluene-d8	0.52		0.5000		103	70	130			

Sample ID: <b>mb-58453</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8260B: Volatiles Short List</b>						
Client ID: <b>PBS</b>	Batch ID: <b>58453</b>			RunNo: <b>75724</b>						
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>			SeqNo: <b>2678380</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.45		0.5000		89.4	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.2	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		97.6	70	130			
Surr: Toluene-d8	0.50		0.5000		99.7	70	130			

Sample ID: <b>lcs-58524</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8260B: Volatiles Short List</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>58524</b>			RunNo: <b>75760</b>						
Prep Date: <b>3/4/2021</b>	Analysis Date: <b>3/5/2021</b>			SeqNo: <b>2680050</b>			Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	0.47		0.5000		94.8	70	130			
Surr: 4-Bromofluorobenzene	0.51		0.5000		103	70	130			
Surr: Dibromofluoromethane	0.44		0.5000		88.9	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Sample ID: <b>mb-58524</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8260B: Volatiles Short List</b>						
Client ID: <b>PBS</b>	Batch ID: <b>58524</b>			RunNo: <b>75760</b>						
Prep Date: <b>3/4/2021</b>	Analysis Date: <b>3/5/2021</b>			SeqNo: <b>2680051</b>			Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.1	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		100	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		94.1	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

**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 range due to dilution or matrix

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E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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

WO#: 2103071

11-Mar-21

**Client:** Burnett Oil Co Inc  
**Project:** Gissler B 3-3 TB 2/27/21

Sample ID: <b>ics-58453</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>58453</b>			RunNo: <b>75724</b>						
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>			SeqNo: <b>2678415</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	102	70	130			
Surr: BFB	480		500.0		95.3	70	130			

Sample ID: <b>mb-58453</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>58453</b>			RunNo: <b>75724</b>						
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>			SeqNo: <b>2678417</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	480		500.0		95.8	70	130			

Sample ID: <b>2103071-021ams</b>	SampType: <b>MS</b>			TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>						
Client ID: <b>Sp5 0-1</b>	Batch ID: <b>58453</b>			RunNo: <b>75724</b>						
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>			SeqNo: <b>2678426</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.8	23.97	1.599	96.3	49.2	122			
Surr: BFB	500		479.4		104	70	130			

Sample ID: <b>2103071-021amsd</b>	SampType: <b>MSD</b>			TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>						
Client ID: <b>Sp5 0-1</b>	Batch ID: <b>58453</b>			RunNo: <b>75724</b>						
Prep Date: <b>3/2/2021</b>	Analysis Date: <b>3/4/2021</b>			SeqNo: <b>2678427</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	24.22	1.599	92.7	49.2	122	2.54	20	
Surr: BFB	480		484.5		98.7	70	130	0	0	

Sample ID: <b>ics-58524</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>58524</b>			RunNo: <b>75760</b>						
Prep Date: <b>3/4/2021</b>	Analysis Date: <b>3/5/2021</b>			SeqNo: <b>2680098</b>		Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	480		500.0		96.9	70	130			

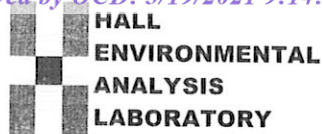
Sample ID: <b>mb-58524</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>						
Client ID: <b>PBS</b>	Batch ID: <b>58524</b>			RunNo: <b>75760</b>						
Prep Date: <b>3/4/2021</b>	Analysis Date: <b>3/5/2021</b>			SeqNo: <b>2680100</b>		Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	510		500.0		102	70	130			

**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 range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

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Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: clients.hallenvironmental.com

## Sample Log-In Check List

Client Name: Burnett Oil Co Inc

Work Order Number: 2103071

RcptNo: 1

Received By: Isaiah Ortiz

3/2/2021 10:43:00 AM

I-OX

Completed By: Cheyenne Cason

3/2/2021 11:01:49 AM

Reviewed By:

JL 3/2/21

### 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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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: TO 3/2/21  
( $<2$  or  $>12$  unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: \_\_\_\_\_

### 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:

### 17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.8	Good				
2	3.0	Good				











# HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

Chain-of-Custody Record			
Client: <u>ProCT</u>			
Mailing Address: <u>P.O. Box 238</u> <u>Loop Hills NM</u>			
Phone #: <u>575-706-5999</u>			
email or Fax#: <u>wharuss@burnet-hill.com</u>			
QA/QC Package: <u>R. Freeman Pasterkamp, MS</u>			
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)			
Accreditation: <input type="checkbox"/> AZ Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other			
<input type="checkbox"/> EDD (Type) _____			
Date	Time	Matrix	Sample Name
2/27/21	PM	Soil	Sp8 1-2
			2-3
			3-4
			4-5
			Sp9 0-1
			1-2
			2-3
			3-4
			4-5
			Sp10 0-1
			1-2
			2-3
Date:	Time:	Relinquished by:	
2/27/21	PM	Don Hall	
Date:	Time:	Relinquished by:	
3/1/21	PM	Wharuss	

Turn-Around Time: <u>5 day</u>		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
Project Name: <u>Grissler B 3-3 (2-27-21)</u>		
Project #:		
Project Manager: <u>Bryan Jurns</u>		
Sampler: <u>Don Hall</u>		
On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
# of Coolers: <u>2</u>	<u>2.8°C ± 0°C</u>	
Cooler Temp (including CF): <u>3.0°C ± 0°C</u>	<u>(°C)</u>	
Container Type and #	Preservative Type	HEAL No.
JAR		2103071
		037
		038
		039
		040
		041
		042
		043
		044
		045
		046
		047
		048
Received by: <u>[Signature]</u>	Via:	Date: <u>2/27/21</u> Time: <u>1830</u>
Received by: <u>[Signature]</u>	Via:	Date: <u>3/2/21</u> Time: <u>1043</u>

Any sub-contracted data will be clearly notated on the analytical report. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

# HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

see remarks on file





March 18, 2021

Mike Bratcher

New Mexico Energy, Minerals & Natural Resources Oil Conservation Division,  
Environmental Bureau - District 2  
811 S. First St.  
Artesia, NM 88210

**RE: Corrective Action Plan**

Burnett Oil Co., Inc. - Gissler B 3-3 Tank Battery  
UL/M sec. 11 T17S R30E  
nAPP2103949024

Mr. Bratcher:

The above location is approximately 2.5 miles Northeast of Loco Hills, New Mexico at UL/M sec.11 T17S R30E. The site is located in an area of no known groundwater. Any possible groundwater is expected at depths greater than 300 ft.

In the morning of February 2, 2021, there was a release of 15 barrels of fluid, and we were able to recover approx. 2 barrels of fluid. The release occurred when a nipple broke on top of the transfer pump for the water tank. The release sprayed into the containment where most of the fluid was contained but some stuck the dyke and flowed down the road and into the pasture. The BLM and the NMOCD were notified on February 2, 2021. The initial C-141 was submitted on 2-8-2021.

**Corrective Action Plan**

On February 2, 2021 a vacuum truck was called out the BOCI Gissler B 3-3 Tank Battery. Approximately 2 barrels of fluid was picked up from inside the firewall surrounding the tanks.





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One of our pumpers was called out during the night when the transfer pump failed and was able to shut in all the tanks to stop the release.

Burnett Oil is currently working a remediation inside this facility. We were down to clean levels for all sample points to within regulatory limits, with the exception of Sample Point 3, and a characterization report was submitted requesting an extension of time to complete that remediation. I created a site diagram and kept the first 3 Sample points consistent with the site diagram for the prior release to keep both remediations concise. On February 2-2-21 Aspen Grow LLC. was hired to remediate this location.

On 2/27/2021 Aspen Grow collected samples from each sample point within the impacted areas. There were ten sample points identified. Sample Points 1 and 2 are in the path of the spray coming from the broken nipple into the containment area. Sample Point 3 is the lower area inside the containment where the fluid pools. Sample points 1-3 show levels of Chlorides above 600 that will require remediation. Levels below 4 ft were within regulatory limits. Sample Point 3 also had TPH levels above regulatory limits at surface. Sample point 4 was within regulatory limits. Sample point 5 has an elevated chloride level at surface (0-1') but is within limits beyond. Sample Point 6 through 10 all have elevated levels of Chlorides but are within regulatory limits beyond 4'. Sample point 9 and Sample point 10 were pooling areas in the pasture and have higher levels of Chloride and Sample point 9 also has TPH levels that will have to be remediated as well.

To remediate the impacted soil, Burnett Oil Co., Inc. has enlisted the services of Aspen Grow LLC. to apply Probiotic compounds to the impacted area. The probiotics will be applied with fresh water to the impacted area once a week until each sample point area comes within regulatory limits. In that time the probiotics and the fresh water will be able to begin remediating the hydrocarbons in the impacted area. The process is a water and proprietary blend of probiotics that are sprayed over the entire footprint to a point of saturation. This is a



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topical application process. We typically do not use injection holes. The repeated process pushes the proprietary blend down with each application. We have seen good results from this process and have had areas show re-growth while still receiving treatments. The area is resampled periodically to ensure effectiveness. The process continues until all levels are within regulatory limits. We request to continue to treat this release in this method. When we first started to treat the area inside the containment from the prior release we had Chloride levels that exceeded 30,000 in some areas and had all of the areas with the exception of SP3 in compliance. That information and reports are available in the Characterization report I recently submitted requesting a variance to finish treating SP3. The bio-remediation process we use is effective but does require more time for treatment. But the treatment is less invasive and better for the environment. We do not feel it would be safe to dig around the tanks to remove contaminated material.

Our confirmation sampling is done by sampling in the immediate area of each initial sample point. We do confirmation samples within 3' feet of the original sample point. We repeat this process of treatment and sampling until the sample area becomes compliant.

BOCI requests a variance of the time restraints to 180 days from submittal to perform in-situ remediation and closure of this release. I am hopeful that this treatment will get current and historical release within guidelines in that time frame.

Please feel free to contact me with any questions concerning this plan request.

Sincerely,

Bryan Burns

575-706-5999



Broken Swedge  
at Pump source  
of Release



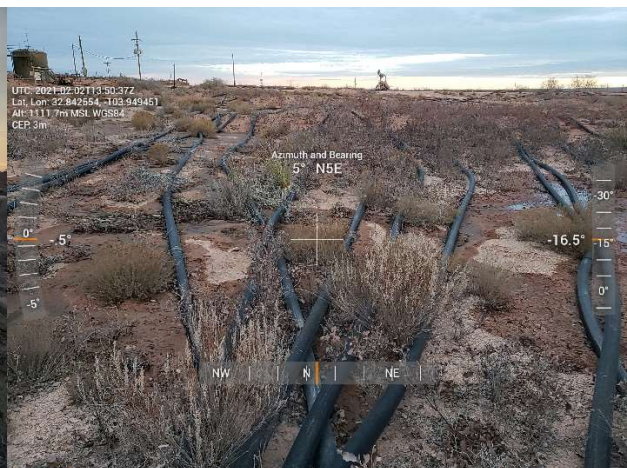
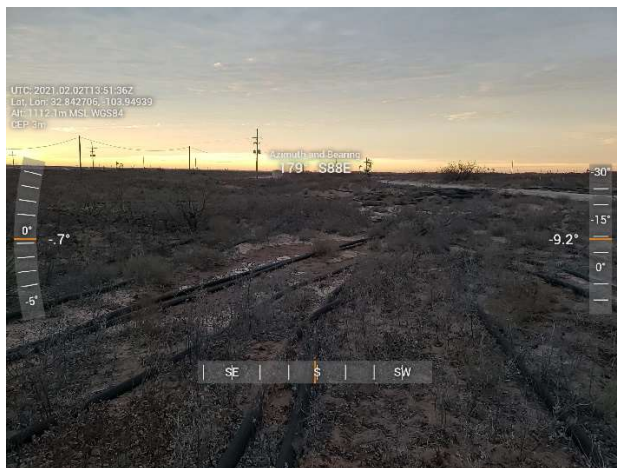
Pump kicked on and sprayed water  
towards containment. Fluid inside  
ran down to SP3 where it pooled.  
Motor eventually shorted out.





Some fluid struck berm, and once pump shorted it flowed down road until it hit a groove then crossed into the pasture. Paths were narrow and pooling areas not very wide.

Main 2 Pooling areas in pasture  
Identified and made SP 9 and SP 10



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**District III**

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**District IV**

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

CONDITIONS

Action 21351

**CONDITIONS OF APPROVAL**

Operator:	OGRID:	Action Number:	Action Type:
BURNETT OIL CO INC 801 Cherry Street Unit #9 Suite 1500 Fort Worth, TX76102	3080	21351	C-141

OCD Reviewer	Condition
kcollins	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141