



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

March 06, 2019

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

RE: GJSAU 22 (2.26.19)

OrderNo.: 1902C18

Dear Johnny Titsworth:

Hall Environmental Analysis Laboratory received 30 sample(s) on 2/28/2019 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1902C18

Date Reported: 3/6/2019

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP1 0-1

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-001

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	17000	1500		mg/Kg	500	3/6/2019 2:33:53 AM	43470
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>Irm</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/2/2019 3:33:32 AM	43408
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/2/2019 3:33:32 AM	43408
Surr: DNOP	99.8	70-130		%Rec	1	3/2/2019 3:33:32 AM	43408
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	6.1	4.6		mg/Kg	1	3/1/2019 2:57:12 PM	43415
Surr: BFB	108	73.8-119		%Rec	1	3/1/2019 2:57:12 PM	43415
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	0.18	0.023		mg/Kg	1	3/1/2019 2:57:12 PM	43415
Toluene	0.21	0.046		mg/Kg	1	3/1/2019 2:57:12 PM	43415
Ethylbenzene	0.13	0.046		mg/Kg	1	3/1/2019 2:57:12 PM	43415
Xylenes, Total	0.12	0.093		mg/Kg	1	3/1/2019 2:57:12 PM	43415
Surr: 4-Bromofluorobenzene	108	80-120		%Rec	1	3/1/2019 2:57:12 PM	43415

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP1 1-2

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-002

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	770	60		mg/Kg	20	3/4/2019 3:03:22 PM	43470

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP1 2-3

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-003

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	1000	60		mg/Kg	20	3/4/2019 3:40:35 PM	43470

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP1 3-4

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-004

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	1100	60		mg/Kg	20	3/4/2019 3:53:00 PM	43470

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP1 4-5

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-005

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	1200	60		mg/Kg	20	3/4/2019 4:30:13 PM	43470

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP1 5-6

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-006

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	1200	60		mg/Kg	20	3/4/2019 4:42:37 PM	43470

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP1 6-7

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-007

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	1900	60		mg/Kg	20	3/4/2019 4:55:02 PM	43470

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP1 7-8

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-008

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	2200	150		mg/Kg	50	3/6/2019 2:46:17 AM	43470

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1902C18

Date Reported: 3/6/2019

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 0-1

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-011

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	8500	300		mg/Kg	100	3/6/2019 2:58:42 AM	43470
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>Irm</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/2/2019 3:57:36 AM	43408
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/2/2019 3:57:36 AM	43408
Surr: DNOP	95.6	70-130		%Rec	1	3/2/2019 3:57:36 AM	43408
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/2/2019 4:25:47 PM	43415
Surr: BFB	95.2	73.8-119		%Rec	1	3/2/2019 4:25:47 PM	43415

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 1-2

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-012

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	8700	300		mg/Kg	100	3/6/2019 3:11:07 AM	43470

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 2-3

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-013

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	8500	300		mg/Kg	100	3/6/2019 3:23:32 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 3-4

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-014

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	8500	600		mg/Kg	200	3/6/2019 3:35:57 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 4-5

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-015

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	8200	600		mg/Kg	200	3/6/2019 3:48:22 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 5-6

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-016

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	9700	600		mg/Kg	200	3/6/2019 4:25:36 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 6-7

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-017

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	10000	600		mg/Kg	200	3/6/2019 4:38:01 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 7-8

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-018

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	11000	600		mg/Kg	200	3/6/2019 4:50:26 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP2 8-9

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-019

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	11000	600		mg/Kg	200	3/6/2019 5:02:51 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1902C18

Date Reported: 3/6/2019

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP3 0-1

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-021

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	6800	300		mg/Kg	100	3/6/2019 5:15:16 AM	43485
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>Irm</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/2/2019 4:21:45 AM	43408
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/2/2019 4:21:45 AM	43408
Surr: DNOP	93.7	70-130		%Rec	1	3/2/2019 4:21:45 AM	43408
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/1/2019 4:28:40 PM	43415
Surr: BFB	93.7	73.8-119		%Rec	1	3/1/2019 4:28:40 PM	43415

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP3 1-2

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-022

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	8500	300		mg/Kg	100	3/6/2019 5:27:41 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP3 2-3

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-023

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	9100	590		mg/Kg	200	3/6/2019 5:40:05 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP3 3-4

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-024

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	7900	300		mg/Kg	100	3/6/2019 5:52:30 AM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP3 4-5

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-025

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	2200	60		mg/Kg	20	3/4/2019 9:40:25 PM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP3 5-6

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-026

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	1300	60		mg/Kg	20	3/4/2019 9:52:49 PM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified



# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order **1902C18**

Date Reported: **3/6/2019**

**CLIENT:** Burnett Oil Co Inc

**Client Sample ID:** SP3 6-7

**Project:** GJSAU 22 (2.26.19)

**Collection Date:** 2/27/2019

**Lab ID:** 1902C18-027

**Matrix:** SOIL

**Received Date:** 2/28/2019 9:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	1200	60		mg/Kg	20	3/4/2019 10:05:14 PM	43485

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1902C18

06-Mar-19

**Client:** Burnett Oil Co Inc  
**Project:** GJSAU 22 (2.26.19)

Sample ID: <b>MB-43470</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>43470</b>	RunNo: <b>58115</b>								
Prep Date: <b>3/4/2019</b>	Analysis Date: <b>3/4/2019</b>	SeqNo: <b>1948782</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-43470</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>43470</b>	RunNo: <b>58115</b>								
Prep Date: <b>3/4/2019</b>	Analysis Date: <b>3/4/2019</b>	SeqNo: <b>1948783</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.6	90	110			

Sample ID: <b>MB-43485</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>43485</b>	RunNo: <b>58115</b>								
Prep Date: <b>3/4/2019</b>	Analysis Date: <b>3/4/2019</b>	SeqNo: <b>1948812</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-43485</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>43485</b>	RunNo: <b>58115</b>								
Prep Date: <b>3/4/2019</b>	Analysis Date: <b>3/4/2019</b>	SeqNo: <b>1948813</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

### 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 Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1902C18

06-Mar-19

**Client:** Burnett Oil Co Inc  
**Project:** GJSAU 22 (2.26.19)

Sample ID: <b>LCS-43405</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>43405</b>		RunNo: <b>58030</b>							
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>		SeqNo: <b>1945112</b>	Units: <b>%Rec</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.9		5.000		97.4	70	130			

Sample ID: <b>MB-43405</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>43405</b>		RunNo: <b>58030</b>							
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>		SeqNo: <b>1945113</b>	Units: <b>%Rec</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		113	70	130			

Sample ID: <b>LCS-43408</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>43408</b>		RunNo: <b>58030</b>							
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>		SeqNo: <b>1946279</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	108	63.9	124			
Surr: DNOP	5.5		5.000		111	70	130			

Sample ID: <b>MB-43408</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>							
Client ID: <b>PBS</b>	Batch ID: <b>43408</b>		RunNo: <b>58030</b>							
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>		SeqNo: <b>1946280</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		118	70	130			

### 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 Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1902C18

06-Mar-19

**Client:** Burnett Oil Co Inc  
**Project:** GJSAU 22 (2.26.19)

Sample ID: <b>MB-43415</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>43415</b>		RunNo: <b>58044</b>							
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>		SeqNo: <b>1945327</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	960		1000		95.6	73.8	119			

Sample ID: <b>LCS-43415</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>43415</b>		RunNo: <b>58044</b>							
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>		SeqNo: <b>1945328</b>	Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.2	80.1	123			
Surr: BFB	1100		1000		111	73.8	119			

Sample ID: <b>MB-43403</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>43403</b>		RunNo: <b>58044</b>							
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>		SeqNo: <b>1945345</b>	Units: <b>%Rec</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	930		1000		92.6	73.8	119			

Sample ID: <b>LCS-43403</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>43403</b>		RunNo: <b>58044</b>							
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>		SeqNo: <b>1945346</b>	Units: <b>%Rec</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		112	73.8	119			

### 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 Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1902C18

06-Mar-19

**Client:** Burnett Oil Co Inc  
**Project:** GJSAU 22 (2.26.19)

Sample ID: <b>MB-43415</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>43415</b>	RunNo: <b>58044</b>								
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>	SeqNo: <b>1945368</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	1.0		1.000		103	80	120			

Sample ID: <b>LCS-43415</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>43415</b>	RunNo: <b>58044</b>								
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>	SeqNo: <b>1945369</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	86.8	80	120			
Toluene	0.99	0.050	1.000	0	98.5	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.1	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Sample ID: <b>MB-43403</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>43403</b>	RunNo: <b>58044</b>								
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>	SeqNo: <b>1945376</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99		1.000		99.1	80	120			

Sample ID: <b>LCS-43403</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>43403</b>	RunNo: <b>58044</b>								
Prep Date: <b>2/28/2019</b>	Analysis Date: <b>3/1/2019</b>	SeqNo: <b>1945377</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

### 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 Detection Limit
S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified



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

## Sample Log-In Check List

Client Name: BURNETT OIL CO INC

Work Order Number: 1902C18

RcptNo: 1

Received By: Thom Maybee

2/28/2019 9:35:00 AM

Completed By: Isaiah Ortiz

2/28/2019 10:15:30 AM

Reviewed By:

LB: YG 2/28/19

IOX

### 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. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
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: YG 2/28/19  
( $<2$  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:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Yes			

Chain-of-Custody Record									
Client: <u>Burnett Oil Co.</u>									
Mailing Address: <u>P.O. Box 188</u>									
Phone #: <u>406-425-2891</u>									
email or Fax#: <u>jtitworth@burnettail.com</u>									
QA/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)									
Accreditation <input type="checkbox"/> NELAP <input type="checkbox"/> Other _____									
<input type="checkbox"/> EDD (Type) _____									
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.			
2/21/19	PM	soil	Sp 1 0-1	402	IGC	1907C18			
			1-2			-001			
			2-3			-002			
			3-4			-003			
			4-5			-004			
			5-6			-005			
			6-7			-006			
			7-8			-007			
			8-9			-008			
			9-10			-009			
						-0010			
Received by: <u>[Signature]</u> Date: <u>2/21/19</u> Time: <u>1700</u>									
Received by: <u>carrier</u> Date: <u>2/28/19</u> Time: <u>9:35</u>									

## Analysis Request

BTEX + MTBE + TMB's (8021)	X	
BTEX + MTBE + TPH (Gas only)	X	
TPH 8015B (GRO / DRO / MRO)	X	
TPH (Method 418.1)		
EDB (Method 504.1)		
PAH's (8310 or 8270 SIMS)		
RCRA 8 Metals		
Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )		
8081 Pesticides / 8082 PCB's		
8260B (VOA)		
8270 (Semi-VOA)		
Chloride	X	
Air Bubbles (Y or N)		

Remarks: ~~on~~ file limitations

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

Chain-of-Custody Record						Turn-Around Time:	
Client:		<u>Burnett Oil Co.</u>				<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush
Mailing Address:		<u>P.O. Box 188 Lexo Hills NM 88205</u>				Project Name: <u>GJSAN 22 (2-26-19)</u>	
Phone #:		<u>432-425-2891</u>				Project #:	
email or Fax#:		<u>j.titsworth@burnettoil.com</u>				Project Manager: <u>Johnny Titsworth</u>	
QA/QC Package:						Sampler: <u>Kevin Freeman</u>	
<input type="checkbox"/> Standard		<input type="checkbox"/> Level 4 (Full Validation)				On Job: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Accreditation						Sample Temperature: <u>1-1</u>	
<input type="checkbox"/> NELAP		<input type="checkbox"/> Other _____					
<input type="checkbox"/> EDD (Type) _____							
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No	
<u>2/27/19</u>	<u>PM</u>	<u>soil</u>	<u>SP2 0-1</u>	<u>40Z</u>	<u>JXE</u>	<u>190ZC18</u>	
			<u>1-2</u>			<u>-0A1</u>	
			<u>2-3</u>			<u>-012</u>	
			<u>3-4</u>			<u>-013</u>	
			<u>4-5</u>			<u>-014</u>	
			<u>5-6</u>			<u>-015</u>	
			<u>6-7</u>			<u>-016</u>	
			<u>7-8</u>			<u>-017</u>	
			<u>8-9</u>			<u>-018</u>	
			<u>9-10</u>			<u>-019</u>	
						<u>-020</u>	
Date Relinquished by:		Time Relinquished by:		Received by:		Date	
<u>2/27/19</u>		<u>1:52</u>		<u>[Signature]</u>		<u>2/27/19 1700</u>	
Date Relinquished by:		Time Relinquished by:		Received by:		Date	
<u>2/27/19</u>		<u>1900</u>		<u>[Signature]</u>		<u>2/28/19 935</u>	

Date: 2/21/19	Time: 1:52	Relinquished by: Kenton
Date: 2/22/19	Time: 1900	Relinquished by: [Signature]

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



## 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

Project Manager: Johnny Fitzworth

Sampler: Kevin Heenrich

On ice: ☒ Yes ☐ No

Sample Temperature: 1 °C

Container Type and #	Preservative Type	HEAL No. 1902C18
-------------------------	----------------------	---------------------

407	Joe	-001
		-012
		-013
		-014
		-015
		-016
		-017
		-018
		-019
		-020

Remarks:

## Non File guidelines

Received by: <i>[Signature]</i>	Date	Time
	2/27/19	1700
Received by: <i>[Signature]</i>	Date	Time
	2/28/19	935

Date:	2/19	Time:	1:52	Relinquished by:	K. [Signature]
Date:	2/19	Time:	1:00	Relinquished by:	[Signature]



# Chain-of-Custody Record

Client: Burnett Oil Co.

Mailing Address: P.O. Box 188  
Loco Hills NM 88255

Phone #: 432-425-2891

email or Fax#: jtsiswan@burnettoil.com

QA/QC Package:  
☐ Standard ☐ Level 4 (Full Validation)  
 Accreditation  
☐ NELAP ☐ Other \_\_\_\_\_

☐ EDD (Type) \_\_\_\_\_

Turn-Around Time: 5 day  
☒ Standard ☐ Rush

Project Name: BTSAU 22 (2.26.19)

Project #: \_\_\_\_\_

Project Manager: Johnny Tiswan

Sampler: Ken Freeman  
 On Ice: ☒ Yes ☐ No

Sample Temperature: 1.1°C

HEAL No. 1907018

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
2/27/19	Pm	soil	SP 3 0-1	402	Ice	-021
			1-2			-022
			2-3			-023
			3-4			-024
			4-5			-025
			5-6			-026
			6-7			-027
			7-8			-028
			8-9			-029
			9-10			-030

Date: 2/27/19 Time: 1:52 Relinquished by: Ken Freeman

Date: 2/27/19 Time: 1900 Relinquished by: SPK

Received by: SPK Date: 2/27/19 Time: 1700

Received by: Ken Freeman Date: 2/28/19 Time: 9:35



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4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

BTX + MTBE + TMBs (8021)	BTX + MTBE + TMBs (8021)	BTX + MTBE + TMBs (8021)
TPH 8015B (GRO / DRO / MRO)	TPH 8015B (GRO / DRO / MRO)	TPH 8015B (GRO / DRO / MRO)
TPH (Method 418.1)	TPH (Method 418.1)	TPH (Method 418.1)
EDB (Method 504.1)	EDB (Method 504.1)	EDB (Method 504.1)
PAH's (8310 or 8270 SIMS)	PAH's (8310 or 8270 SIMS)	PAH's (8310 or 8270 SIMS)
RCRA 8 Metals	RCRA 8 Metals	RCRA 8 Metals
Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )
8081 Pesticides / 8082 PCB's	8081 Pesticides / 8082 PCB's	8081 Pesticides / 8082 PCB's
8260B (VOA)	8260B (VOA)	8260B (VOA)
8270 (Semi-VOA)	8270 (Semi-VOA)	8270 (Semi-VOA)
Chloride	Chloride	Chloride
Air Bubbles (Y or N)	Air Bubbles (Y or N)	Air Bubbles (Y or N)

Remarks:

\* on file restrictions