



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

February 14, 2019

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

RE: Water Flood

OrderNo.: 1902371

Dear Johnny Titsworth:

Hall Environmental Analysis Laboratory received 30 sample(s) on 2/8/2019 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 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: 1902371

Date Reported: 2/14/2019

CLIENT: Burnett Oil Co Inc

Lab Order: 1902371

Project: Water Flood

Lab ID: 1902371-001

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 5 0-1'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	ND	60		mg/Kg	20	2/12/2019 2:25:40 PM	43106
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Lab ID: 1902371-002

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 5 1-2'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	ND	60		mg/Kg	20	2/12/2019 2:38:05 PM	43106
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Lab ID: 1902371-003

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 5 2-3'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	ND	60		mg/Kg	20	2/12/2019 2:50:30 PM	43106
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Lab ID: 1902371-004

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 5 3-4'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	ND	60		mg/Kg	20	2/12/2019 3:02:54 PM	43106
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Lab ID: 1902371-005

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 5 4-5'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	ND	60		mg/Kg	20	2/12/2019 3:15:18 PM	43106
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit

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 Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1902371

Date Reported: 2/14/2019

CLIENT: Burnett Oil Co Inc

Lab Order: 1902371

Project: Water Flood

Lab ID: 1902371-006

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 6 0-1'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	ND	60		mg/Kg	20	2/12/2019 3:27:43 PM	43106
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Lab ID: 1902371-007

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 6 1-2'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	ND	60		mg/Kg	20	2/12/2019 3:40:07 PM	43106
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Lab ID: 1902371-008

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 6 2-3'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	190	60		mg/Kg	20	2/12/2019 4:17:21 PM	43106
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Lab ID: 1902371-009

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 6 3-4'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	210	60		mg/Kg	20	2/12/2019 4:29:46 PM	43106
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Lab ID: 1902371-010

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 6 4-5'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	530	60		mg/Kg	20	2/12/2019 4:42:10 PM	43106
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit

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 Detection Limit

Analytical Report

Lab Order: 1902371

Date Reported: 2/14/2019

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Burnett Oil Co Inc**Lab Order:** 1902371**Project:** Water Flood**Lab ID:** 1902371-011**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 7 0-1'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	ND	60		mg/Kg	20	2/12/2019 4:54:35 PM	43106
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Lab ID: 1902371-012**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 7 1-2'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	ND	60		mg/Kg	20	2/12/2019 5:07:00 PM	43106
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Lab ID: 1902371-013**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 7 2-3'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	ND	60		mg/Kg	20	2/13/2019 4:23:48 PM	43132
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Lab ID: 1902371-014**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 7 3-4'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	ND	60		mg/Kg	20	2/13/2019 4:36:12 PM	43132
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Lab ID: 1902371-015**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 7 4-5'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	ND	60		mg/Kg	20	2/13/2019 5:13:26 PM	43132
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit

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 Detection Limit

Analytical Report

Lab Order: 1902371

Date Reported: 2/14/2019

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Burnett Oil Co Inc**Lab Order:** 1902371**Project:** Water Flood**Lab ID:** 1902371-016**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 8 0-1'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	99	60		mg/Kg	20	2/13/2019 5:25:51 PM	43132
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Lab ID: 1902371-017**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 8 1-2'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	280	60		mg/Kg	20	2/13/2019 5:38:15 PM	43132
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Lab ID: 1902371-018**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 8 2-3'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	760	60		mg/Kg	20	2/13/2019 5:50:39 PM	43132
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Lab ID: 1902371-019**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 8 3-4'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	990	60		mg/Kg	20	2/13/2019 6:03:04 PM	43132
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Lab ID: 1902371-020**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 8 4-5'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	1100	60		mg/Kg	20	2/13/2019 6:15:29 PM	43132
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit

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 Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 1902371

Date Reported: 2/14/2019

CLIENT: Burnett Oil Co Inc

Lab Order: 1902371

Project: Water Flood

Lab ID: 1902371-021

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 9 0-1'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	220	60		mg/Kg	20	2/13/2019 10:11:16 PM	43150
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Lab ID: 1902371-022

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 9 1-2'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	160	60		mg/Kg	20	2/13/2019 10:48:30 PM	43150
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Lab ID: 1902371-023

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 9 2-3'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	410	60		mg/Kg	20	2/13/2019 11:00:54 PM	43150
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Lab ID: 1902371-024

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 9 3-4'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	630	60		mg/Kg	20	2/13/2019 11:13:18 PM	43150
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Lab ID: 1902371-025

Collection Date: 2/6/2019 12:00:00 PM

Client Sample ID: SP 9 4-5'

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONS

Analyst: smb

Chloride	620	60		mg/Kg	20	2/13/2019 11:25:43 PM	43150
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	H	Holding times for preparation or analysis exceeded
	ND	Not Detected at the Reporting Limit
	PQL	Practical Quantitative Limit

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 Detection Limit

Analytical Report

Lab Order: 1902371

Date Reported: 2/14/2019

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Burnett Oil Co Inc**Lab Order:** 1902371**Project:** Water Flood**Lab ID:** 1902371-026**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 10 0-1'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	460	60		mg/Kg	20	2/13/2019 11:38:08 PM	43150
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Lab ID: 1902371-027**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 10 1-2'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	250	60		mg/Kg	20	2/13/2019 11:50:33 PM	43150
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Lab ID: 1902371-028**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 10 2-3'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	800	59		mg/Kg	20	2/14/2019 12:02:58 AM	43150
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Lab ID: 1902371-029**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 10 3-4'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	900	60		mg/Kg	20	2/14/2019 12:40:11 AM	43150
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Lab ID: 1902371-030**Collection Date:** 2/6/2019 12:00:00 PM**Client Sample ID:** SP 10 4-5'**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
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EPA METHOD 300.0: ANIONSAnalyst: **smb**

Chloride	800	60		mg/Kg	20	2/14/2019 12:52:36 AM	43150
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Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit

- 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 Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1902371

14-Feb-19

Client: Burnett Oil Co Inc

Project: Water Flood

Sample ID	MB-43106		SampType: MBLK		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 43106		RunNo: 57641					
Prep Date:	2/12/2019		Analysis Date: 2/12/2019		SeqNo: 1929545		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-43106		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 43106		RunNo: 57641					
Prep Date:	2/12/2019		Analysis Date: 2/12/2019		SeqNo: 1929546		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	99.2	90	110			

Sample ID	MB-43132		SampType: MBLK		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 43132		RunNo: 57690					
Prep Date:	2/13/2019		Analysis Date: 2/13/2019		SeqNo: 1930752		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-43132		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 43132		RunNo: 57690					
Prep Date:	2/13/2019		Analysis Date: 2/13/2019		SeqNo: 1930753		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.9	90	110			

Sample ID	MB-43150		SampType: MBLK		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 43150		RunNo: 57690					
Prep Date:	2/13/2019		Analysis Date: 2/13/2019		SeqNo: 1930796		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-43150		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 43150		RunNo: 57690					
Prep Date:	2/13/2019		Analysis Date: 2/13/2019		SeqNo: 1930797		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.3	90	110			

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

Sample Log-In Check List

Client Name: **BURNETT OIL CO INC**

Work Order Number: 1902371

RcptNo: 1

Received By: **Victoria Zellar**

2/8/2019 10:34:00 AM

Victoria Bellan

Completed By: **Leah Baca**

2/8/2019 12:57:39 PM

Leah Bacon

Reviewed By: JWM 2-11-19

Labeled by IO 2/11/18
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°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 ☒ | <div style="border: 1px solid black; padding: 5px;"> <p># of preserved bottles checked for pH: (<2)</p> <p>Adjusted? ☐</p> <p>Checked by: _____</p> </div> |
| 11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) | Yes ☒ | No ☐ | |
| 12. Are matrices correctly identified on Chain of Custody? | Yes ☒ | No ☐ | |
| 13. Is it clear what analyses were requested? | Yes ☒ | No ☐ | |
| 14. Were all holding times able to be met?
(If no, notify customer for authorization.) | Yes ☒ | No ☐ | |

of preserved bottles checked for pH: 2/11/19
(<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: ☐ eMail ☐ Phone ☐ Fax ☐ 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	1.8	Good	Yes			
2	2.5	Good	Yes			

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Chain-of-Custody Record				Turn-Around Time:		
Client: Burnett Oil Co., Inc.				☒ Standard	☐ Rush	
Mailing Address:				Project Name:		
PO Box 188 Loco Hills, NM 88255				WATERFLODS		
Phone #: 432-425-2891				Project #:		
email or Fax#: jitsworth@burnettoil.com				Project Manager:		
QA/QC Package:				Johnny Tiltsworth		
☐ Standard ☐ Level 4 (Full Validation)						
Accreditation:						
☐ NELAP ☐ Other				Sampler:		
☐ EDD (Type)				On Ice: ☒ Yes ☐ No		
				Sample Temperature: 18.25		
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
2/6/19	8:00	soil	SP 5 0-1'	4 oz.	Ice	1902371
		soil	1-2'	4oz.	Ice	-001
		soil	2-3'	4 oz.	Ice	-002
		soil	3-4'	4 oz.	Ice	-003
		soil	4-5'	4 oz.	Ice	-004
		soil	SP 6 0-1'	4 oz.	Ice	-005
		soil	1-2'	4 oz.	Ice	-006
		soil	2-3'	4 oz.	Ice	-008
		soil	3-4'	4 oz.	Ice	-009
		soil	4-5'	4 oz.	Ice	-010
		soil		4 oz.	Ice	
		soil		4 oz.	Ice	
Relinquished by: [Signature]			Received by: [Signature]		Date: 2/19/2020	Time: 11:11
Date: 2/6/19	Time: 1340	Relinquished by: [Signature]		Received by: [Signature]		Date: 2/19/2020
Date: 2/19/19	Time: 1900	Relinquished by: [Signature]		Received by: [Signature]		Date: 2/19/2020

Chain-of-Custody Record

Client: Burnett Oil Co., Inc.

Mailing Address:

PO Box 188 Loco Hills, NM 88255

Phone #: 432-425-2891

email or Fax#: jittsworth@burnettoil.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation:

☐ NELAP ☐ Other

☐ EDD (Type)

Project Manager:

Johnny Tiltsworth

Sampler:

On Ice: ☒ Yes ☐ No

Sample Temperature: 18°C, 25°C

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

WATER FLOODS

Project #:

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	Chloride	TPH 8015M	BTEX 80218	Air Bubbles (Y or N)
2/16/19	PM	soil	SP 7	4 oz.	Ice	1902371	X			
		soil	1-2'	4oz.	Ice	-017				
		soil	2-3'	4 oz.	Ice	-013				
		soil	3-4'	4 oz.	Ice	-014				
		soil	4-5'	4 oz.	Ice	-015				
		soil	SP 8	4 oz.	Ice	-016	X			
		soil	1-2'	4 oz.	Ice	-017				
		soil	2-3'	4 oz.	Ice	-018				
		soil	3-4'	4 oz.	Ice	-019				
		soil	4-5'	4 oz.	Ice	-020				
		soil		4 oz.	Ice					
		soil		4 oz.	Ice					

Remarks: If total TPH exceeds 2,500 mg/kg- run- deeper sample.
If total BTEX exceeds 50 mg/kg- run deeper sample.
If total Benzene exceeds 10 mg/kg- run deeper sample.

Date: 2/16/19 Time: 1342 Relinquished by: [Signature]

Date: 2/19/19 Time: 1900 Relinquished by: [Signature]

Date: 2/19/19 Time: 0800 Received by: [Signature]

Date: 2/19/19 Time: 1034 Received by: [Signature]

Analysis Request: [Signature] VUZ 2/18/19

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

Chain-of-Custody Record

Client: Burnett Oil Co., Inc.

Mailing Address:

PO Box 188 Loco Hills, NM 88255

Phone #: 432-425-2891

email or Fax#: jttsworth@burnettoil.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation:

☐ NELAP ☐ Other

☐ EDD (Type)

Project Manager:

Johnny Tiltsworth

Sampler:

On Ice: ☒ Yes ☐ No

Sample Temperature: 18°C, 25°C

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

WATERFLOOD

Project #:

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	Chloride	TPH 8015M	BTEX 8021B	Air Bubbles (Y or N)
2/6/19	PM	soil	SP9	0-1'	4 oz.	Ice	1907371			
		soil		1-2'	4 oz.	Ice				
		soil		2-3'	4 oz.	Ice				
		soil		3-4'	4 oz.	Ice				
		soil		4-5'	4 oz.	Ice				
		soil	SP10	0-1'	4 oz.	Ice				
		soil		1-2'	4 oz.	Ice				
		soil		2-3'	4 oz.	Ice				
		soil		3-4'	4 oz.	Ice				
		soil		4-5'	4 oz.	Ice				
		soil			4 oz.	Ice				
		soil			4 oz.	Ice				
		soil			4 oz.	Ice				

Date: 2/6/19 Time: 1344 Relinquished by: [Signature] Date: 2/7/19 Time: 0800 Received by: [Signature]

Date: 2/7/19 Time: 1900 Relinquished by: [Signature] Date: 2/10/19 Time: 1034 Received by: [Signature]

Remarks: If total TPH exceeds 2,500 mg/kg- run- deeper sample.
If total BTEX exceeds 50 mg/kg- run deeper sample.
If total Benzene exceeds 10 mg/kg- run deeper sample.

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.