

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	2RP-4805
Facility ID	
Application ID	

Closure


The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Bryan Burns Title: HSE and Security Coordinator

Signature:  Date: 9-11-20

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

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



August 31, 2020

Bradford Billings
New Mexico Energy, Minerals & Natural Resources Oil Conservation Division,
Environmental Bureau - District 2
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Closure Report
Burnett Oil Co., Inc. – Grayburg Jackson San Andreas Unit 0022 Inj. Well
UL/L sec. 14 T17S R30E

Mr. Bratcher

The above location is located approximately 2 miles northeast of Loco Hills, New Mexico at UL/L sec. 14 T17S R30E (API# 30-015-04148). The site is located in an area of no known groundwater.

On June 4, 2018, a release was discovered a release of 100 barrels of total fluid. The release occurred when a steel injection flowline ruptured, releasing fluid in the pasture approx. 200' North of the Gissler A #18 well location. The area impacted is 275'x5'-40' area in the pasture and on the pad. The BLM and the NMOCD were both notified of the release on June 4, 2018 with the initial C-141 being filed later that same day.

Corrective Measures

On June 26, 2018 Burnett Oil Co., Inc. sampled the impacted area, and took the samples to an accredited lab for analytical analysis. To remediate the impacted soil, Burnett Oil Co., Inc. 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. The impacted area of will be sampled during the process and treatment will be continued until impacted area comes into regulatory guidelines.



August 31, 2020

On 8/12/19, the impacted area was delineated in three different locations (BH-1, BH-2, & BH-3). The boreholes all showed a decline in chlorides, with the bottom holes being below regulatory levels.

To remediate the impacted soil, Burnett Oil Co., Inc. enlisted the services of Aspen Grow LLC. to apply Probiotic compounds to the impacted area. Sample points were identified, and Aspen Grown LLC began remediating the release footprint with a water and pro-biotic compound. Aspen Grown LLC continued to treat the impacted footprint area of this release once a week starting Sept 2018, with periodic sampling to determine effectiveness. On August 14th, 2020 Aspen Grow re-sampled the impacted area. The attached lab results showed that the release was remediated to below regulatory standards. The area is also already showing good regrowth in both the travel path and pooling areas. Groundwater in this area is known to be below 300ft.

At this time, Burnett Oil Co., Inc. requests the closure of this remediation. Upon approval, BOCI will submit all proper closure documentation to the NMOCD and the BLM in accordance to the State and Federal Guidelines set forth. Site Map and Analytical tables will be attached. Lab reports and other documentation is available for email to prevent files being too large for portal submission.

Sincerely,






Bryan Burns
HSE and Security Coordinator
Burnett Oil Co., Inc.
P.O. Box 188 / CR 220 North
Loco Hills, NM 88255
(575)706-5999 wburns@burnettoil.com

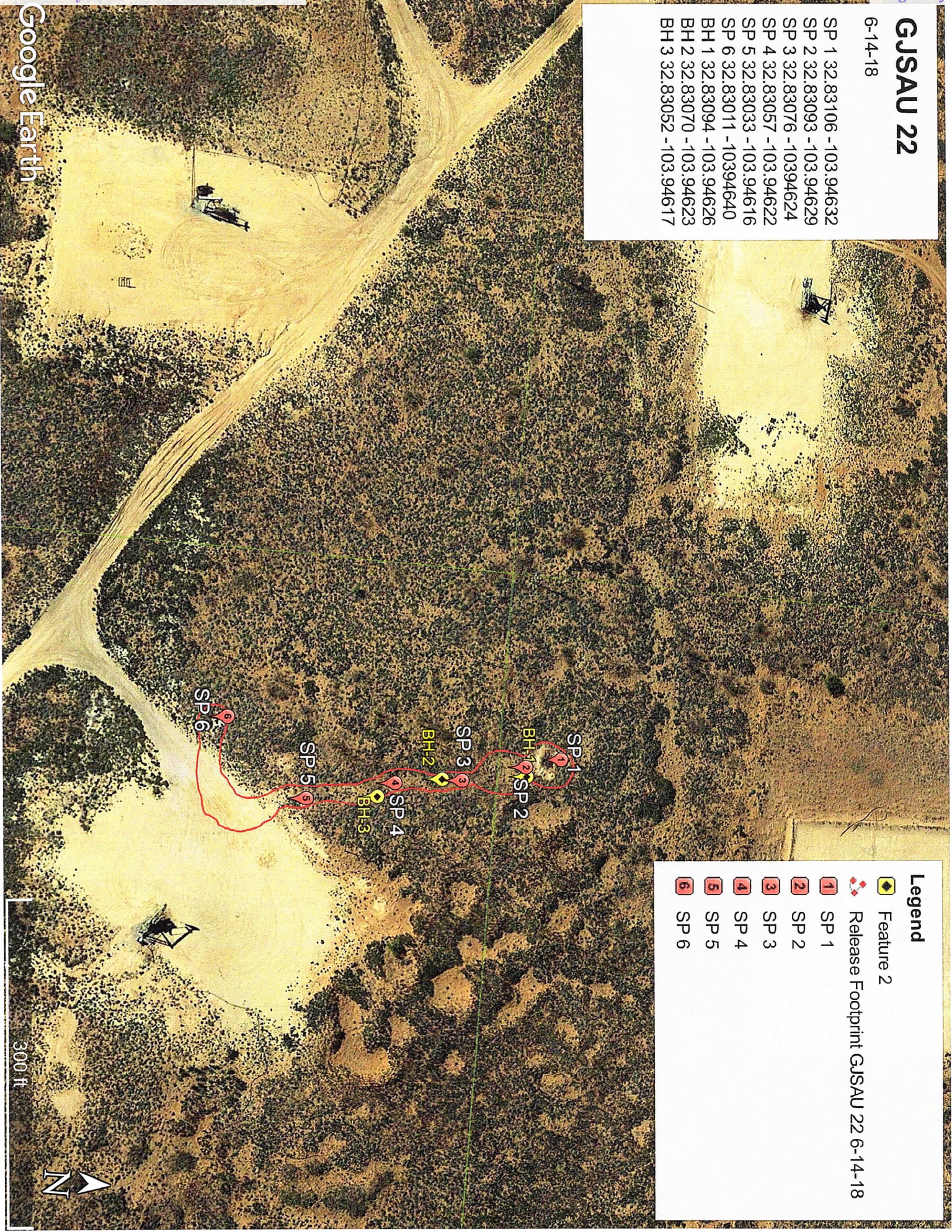
GJSAU 22

6-14-18

- SP 1 32.83106 -103.94632
- SP 2 32.83093 -103.94629
- SP 3 32.83076 -103.94624
- SP 4 32.83057 -103.94622
- SP 5 32.83033 -103.94616
- SP 6 32.83011 -103.94640
- BH 1 32.83094 -103.94626
- BH 2 32.83070 -103.94623
- BH 3 32.83052 -103.94617

Legend

-  Feature 2
-  Release Footprint GJSAU 22 6-14-18
-  SP 1
-  SP 2
-  SP 3
-  SP 4
-  SP 5
-  SP 6



Google Earth

Location: GJSAU 22 Inj. Line 6.4.18Page: 1

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
6/26/2018	SP-1	0-1'	5300	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-1	1'-2'	5500								
6/26/2018	SP-1	2'-3'	8200								
6/26/2018	SP-1	3'-4'	8500								
6/26/2018	SP-2	0-1'	8700	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-2	1'-2'	7900								
6/26/2018	SP-2	2'-3'	9100								
6/26/2018	SP-2	3'-4'	15000								
6/26/2018	SP-3	0-1'	4000	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-3	1'-2'	6600								
6/26/2018	SP-3	2'-3'	8500								
6/26/2018	SP-3	3'-4'	11000								

Location: GJSAU 22 Inj. Line 6.4.18Page: 2

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
6/26/2018	SP-4	0-1'	5600	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-4	1'-2'	9700								
6/26/2018	SP-4	2'-3'	10000								
6/26/2018	SP-4	3'-4'	9800								
6/26/2018	SP-4	4'-5'	9800								
6/26/2018	SP-4	5'-6'	19000								
6/26/2018	SP-4	6'-7'	11000								
6/26/2018	SP-4	7'-8'	13000								
6/26/2018	SP-4	8'-9'	14000								
6/26/2018	SP-5	0-1'	4200	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-6	0-1'	340	ND	ND	ND	ND	ND	ND	ND	ND
6/26/2018	SP-6	1'-2'	420								

Location: GJSAU 22 Inj. Line 6.4.18Page: 3

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
6/26/2018	SP-6	2'-3'	1200								
6/26/2018	SP-6	3'-4'	3200								
6/26/2018	SP-6	4'-5'	8000								
6/26/2018	SP-6	5'-6'	8100								
6/26/2018	SP-6	6'-7'	3500								
6/26/2018	SP-6	7'-8'	1100								
6/26/2018	SP-6	8'-9'	1100								
6/26/2018	SP-6	9'-10'	500								

Location: GISAU 22 Inj. Line 6.4.18Page: 4

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
8/12/2019	BH-1	5'	2600								
8/12/2019	BH-1	10'	5100								
8/12/2019	BH-1	15'	4700								
8/12/2019	BH-1	20'	6500								
8/12/2019	BH-1	25'	5400								
8/12/2019	BH-1	30'	5200								
8/12/2019	BH-1	35'	750								
8/12/2019	BH-1	41'	87								
8/13/2019	BH-2	5'	13,000								
8/13/2019	BH-2	10'	7200								
8/13/2019	BH-2	15'	450								
8/13/2019	BH-2	20'	ND								

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Table 1 - Analytical Results

[illegible]

Location: GISAU 22 Inj. Line 6.4.18Page: 6

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/28/2020	SP 1	0-1	650	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	130								
		2-3	220								
		3-4	310								
		4-5	2100								
2/28/2020	SP 2	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	290								
		2-3	660								
		3-4	3000								
8/14/2020	SP 3	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	730								
		2-3	2200								

Location: GJSAU 22 Inj. Line 6.4.18Page: 7

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
2/28/2020	SP3	3-4	4400	ND	ND	ND	ND	ND	ND	ND	ND
		4-5	6000								
	SP4	0-1	530	ND	ND	ND	ND				
		1-2	4400								
		2-3	7900								
2/28/2020	SP5	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	320								
		3-4	1400								
2/28/2020	SP6	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								



Location: GJSAU 22 Inj. Line 6.4.18

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Table 1 - Analytical Results

[illegible]

Location: GJSAU 22 Inj. Line 6.4.18Page: 9

Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
8/14/2020	SP 1	0-1	ND	107	ND	107					
		1-2	ND								
		2-3	ND								
		3-4	ND								
8/14/2020	SP 2	0-1	ND	103	103	206					
		1-2	ND								
		2-3	ND								
		3-4	ND								
8/14/2020	SP 3	0-1	110	105	92.6	197.6					
		1-2	100								
		2-3	180								
		3-4	96								



BURNETT OIL CO., INC.

Location: GJSAU 22 Inj. Line 6.4.18

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Table 1 - Analytical Results

[illegible]

Johnny Titsworth

From: Boeke, Bruce <bboeke@blm.gov>
Sent: Thursday, March 28, 2019 9:58 AM
To: Johnny Titsworth
Cc: caweaver@blm.gov; Amos, James; Kyle Adams; Leslie Garvis
Subject: Re: [EXTERNAL] LA 861896 - GJSAU 22 Inj. Line 6.4.18

To All:

According to my records there was an industry spill within archaeology site LA 86196. At that time the site was considered significant to protect. Because of the event the archaeology site was recently updated by a contract archaeology firm.

After review of the report, both the New Mexico Historic Preservation Office and the BLM agreed archaeology site LA 86196 no longer merits protection status. The downgrade of the site protection is not related to the spill but from other earlier independent events.

In sum, the archaeology staff has no concerns concerning the remediation methods within archaeology site LA 86196.

Bruce Boeke
Lead Archaeologist
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220

575-234-5917

On Thu, Mar 28, 2019 at 9:39 AM Johnny Titsworth <jtitsworth@burnettoil.com> wrote:

Bruce

What is the status of this ARC study / remediation?

Johnny Titsworth

HSE Coordinator

Burnett Oil Co., Inc.

87 Square Lake Rd.

Loco Hills, NM 88255





Analytical Report

Lab Order 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP1 0'-1'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-001

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 8:56:41 PM	54587
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/16/2020 7:45:39 PM	54440
Surr: BFB	107	70-130		%Rec	1	8/16/2020 7:45:39 PM	54440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/19/2020 9:21:19 PM	54509
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/19/2020 9:21:19 PM	54509
Surr: DNOP	97.0	30.4-154		%Rec	1	8/19/2020 9:21:19 PM	54509

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP1 1'-2'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-002

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 9:33:43 PM	54587

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP1 2'-3'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-003

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 9:46:04 PM	54587

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP1 3'-4'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-004

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 9:58:26 PM	54587

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP2 0'-1'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-005

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 10:10:46 PM	54587
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/17/2020 1:39:47 AM	54440
Surr: BFB	103	70-130		%Rec	1	8/17/2020 1:39:47 AM	54440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	8/19/2020 9:45:47 PM	54509
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/19/2020 9:45:47 PM	54509
Surr: DNOP	103	30.4-154		%Rec	1	8/19/2020 9:45:47 PM	54509

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP2 1'-2'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-006

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 10:23:09 PM	54587

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP2 2'-3'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-007

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 11:00:10 PM	54587

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP2 3'-4'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-008

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 11:12:32 PM	54587

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Project: GJSAU 22 (6-15-18)

Lab ID: 2008844-009

Matrix: SOIL

Client Sample ID: SP3 0'-1'

Collection Date: 8/14/2020

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	110	60		mg/Kg	20	8/21/2020 11:24:53 PM	54587
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/17/2020 3:37:39 AM	54440
Surr: BFB	105	70-130		%Rec	1	8/17/2020 3:37:39 AM	54440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/19/2020 10:10:19 PM	54509
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/19/2020 10:10:19 PM	54509
Surr: DNOP	92.6	30.4-154		%Rec	1	8/19/2020 10:10:19 PM	54509

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP3 1'-2'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-010

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	100	60		mg/Kg	20	8/21/2020 11:28:49 AM	54594

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP3 2'-3'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-011

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	180	60		mg/Kg	20	8/21/2020 12:05:51 PM	54594

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP3 3'-4'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-012

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	96	61		mg/Kg	20	8/21/2020 12:18:11 PM	54594

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Project: GJSAU 22 (6-15-18)

Lab ID: 2008844-013

Matrix: SOIL

Client Sample ID: SP4 0'-1'

Collection Date: 8/14/2020

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 12:30:32 PM	54594
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/17/2020 5:36:07 AM	54440
Surr: BFB	107	70-130		%Rec	1	8/17/2020 5:36:07 AM	54440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	28	9.3		mg/Kg	1	8/20/2020 8:33:23 PM	54509
Motor Oil Range Organics (MRO)	180	46		mg/Kg	1	8/20/2020 8:33:23 PM	54509
Surr: DNOP	118	30.4-154		%Rec	1	8/20/2020 8:33:23 PM	54509

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP4 1'-2'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-014

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 12:42:53 PM	54594

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP4 2'-3'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-015

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 1:19:55 PM	54594

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP4 3'-4'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-016

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	8/21/2020 1:32:15 PM	54594

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 0'-1'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-017

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	82	60		mg/Kg	20	8/21/2020 1:44:36 PM	54594
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/17/2020 7:34:04 AM	54440
Surr: BFB	105	70-130		%Rec	1	8/17/2020 7:34:04 AM	54440
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/19/2020 1:56:47 PM	54511
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/19/2020 1:56:47 PM	54511
Surr: DNOP	94.9	30.4-154		%Rec	1	8/19/2020 1:56:47 PM	54511

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 1'-2'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-018

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	120	60		mg/Kg	20	8/21/2020 1:56:57 PM	54594

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 2'-3'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-019

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	170	60		mg/Kg	20	8/21/2020 2:09:18 PM	54594

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 2008844

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 3'-4'

Project: GJSAU 22 (6-15-18)

Collection Date: 8/14/2020

Lab ID: 2008844-020

Matrix: SOIL

Received Date: 8/15/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	69	60		mg/Kg	20	8/21/2020 2:21:40 PM	54594

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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Incident ID	NAB1816438422
District RP	2RP-4805
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Bryan Burns Title: HSE and Security Coordinator

Signature:  Date: 9-11-20

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

OCD Only

Received by: Robert Hamlet Date: 2/23/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 2/23/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

From: [Hamlet, Robert, EMNRD](#)
To: ["William Bryan Burns"](#)
Cc: [Bratcher, Mike, EMNRD](#); [Eads, Cristina, EMNRD](#); [Hensley, Chad, EMNRD](#)
Subject: Closure Approval - Burnett Oil - Grayburg Jackson San Andreas Unit 22 Inj. Line - (Incident #NAB1816438422)
Date: Tuesday, February 23, 2021 11:18:00 AM
Attachments: [Closure Approval - Burnett Oil - Grayburg Jackson San Andreas Unit 22 Inj. Line - \(NAB1816438422\).pdf](#)

William,

We have received your closure report and final C-141 for **Incident #NAB1816438422 Grayburg Jackson San Andreas Unit 22 Inj. Line**, thank you. This closure is approved.

Please let me know if you have any further questions.

Regards,

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 10160

CONDITIONS OF APPROVAL

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Suite 1500 Fort Worth, TX76102		OGRID: 3080	Action Number: 10160	Action Type: C-141
OCD Reviewer	Condition			
rhamlet	We have received your closure report and final C-141 for Incident #NAB1816438422 Grayburg Jackson San Andreas Unit 22 Inj. Line, thank you. This closure is approved.			