

Incident ID	nAPP2126346305
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

Oil Conservation Division

Incident ID	nAPP2126346305
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Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Bryan Burns Title: HSE and Security Coordinator

Signature:  Date: 10/13/21

email: wburns@burnettoil.com Telephone: (575) 706-7999

OCD Only

Received by: Jocelyn Harimon Date: 10/27/2022

Incident ID	nAPP2126346305
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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Bryan Burns Title: HSE and Security Coordinator
 Signature:  Date: 10/13/21
 email: wburns@burnettoil.com Telephone: (575) 706-7999

OCD Only

Received by: Jocelyn Harimon Date: 10/27/2022

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

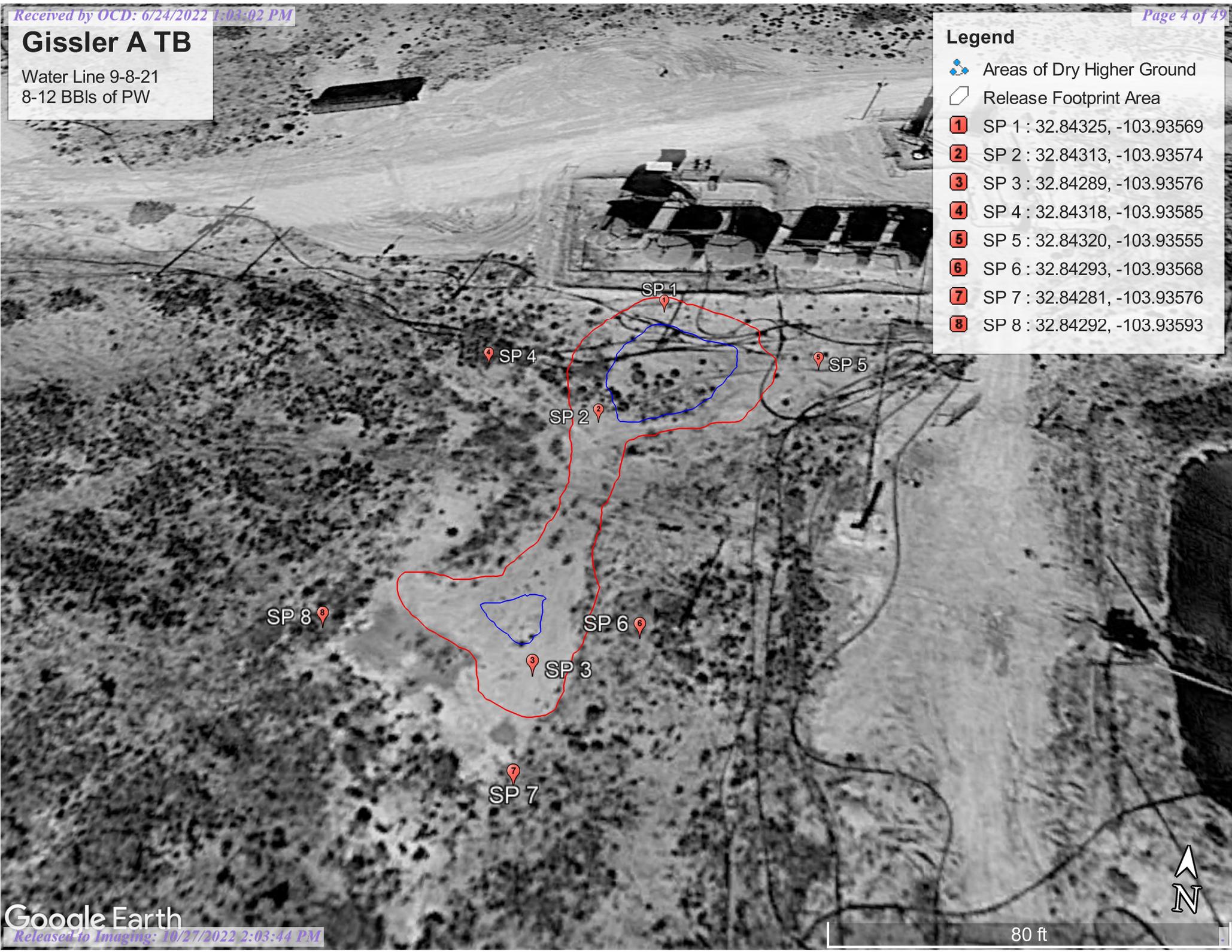
Signature: _____ Date: _____

Gissler A TB

Water Line 9-8-21
8-12 BBIs of PW

Legend

-  Areas of Dry Higher Ground
-  Release Footprint Area
-  SP 1 : 32.84325, -103.93569
-  SP 2 : 32.84313, -103.93574
-  SP 3 : 32.84289, -103.93576
-  SP 4 : 32.84318, -103.93585
-  SP 5 : 32.84320, -103.93555
-  SP 6 : 32.84293, -103.93568
-  SP 7 : 32.84281, -103.93576
-  SP 8 : 32.84292, -103.93593



Burnett Oil Co. Inc.

Location: Gissler A TB 9-8-21

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene
9/18/2021	SP1	0-1	380	ND	ND	ND	ND	ND	ND	ND
		1-2	1800							
		2-3	330							
		3-4	110							
		4-5	2100							
	SP2	0-1	1700	ND	ND	ND	ND	ND	ND	ND
		1-2	810							
		2-3	110							
		3-4	310							
		4-5	390							

Burnett Oil Co. Inc.

Location: Gissler A TB 9-8-21

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
9/18/2021	SP3	0-1	120	ND	860	860	ND	ND	ND	ND	ND
		1-2	5100								
		2-3	600								
		3-4	970								
		4-5	2300								



BURNETT OIL CO., INC.

Location: GA TB

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
12/17/2021	SP1	0-1	60	ND	ND	ND					
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								
	SP2	0-1	ND	ND	ND	ND					
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								

Location: GA TB

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
12/17/2021	SP3	0-1	ND	ND	ND	ND					
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								

Burnett Oil Co. Inc.

Location: GATB

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
4/8/2022	SP4	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								
4/8/2022	SP5	0-1	94	ND	660	660	ND	ND	ND	ND	ND
		1-2	80								
		2-3	82								
		3-4	89								
		4-5	76								

Burnett Oil Co. Inc.

Location: GA TB

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
4/8/2022	SP6	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								
4/8/2022	SP7	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								

Burnett Oil Co. Inc.

Location: GA TB

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Table 1 - Analytical Results

Date	Sample ID	Depth	Chloride	TPH - GRO	TPH - DRO	TPH-Total	Benzene	Toluene	Ethylbenzene	Xylene	BTEX
4/8/2022	SP8	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
		1-2	ND								
		2-3	ND								
		3-4	ND								
		4-5	ND								



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

April 20, 2022

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

RE: GA TB Water line 9.8.21

OrderNo.: 2204424

Dear Bryan Burns:

Hall Environmental Analysis Laboratory received 25 sample(s) on 4/9/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP4 0-1

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-001

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	59		mg/Kg	20	4/14/2022 4:44:33 PM	66848
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	4/14/2022 12:17:29 AM	66787
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/14/2022 12:17:29 AM	66787
Surr: DNOP	97.7	51.1-141		%Rec	1	4/14/2022 12:17:29 AM	66787
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/12/2022 11:57:16 PM	66770
Surr: BFB	96.6	37.7-212		%Rec	1	4/12/2022 11:57:16 PM	66770
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/12/2022 11:57:16 PM	66770
Toluene	ND	0.047		mg/Kg	1	4/12/2022 11:57:16 PM	66770
Ethylbenzene	ND	0.047		mg/Kg	1	4/12/2022 11:57:16 PM	66770
Xylenes, Total	ND	0.094		mg/Kg	1	4/12/2022 11:57:16 PM	66770
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	4/12/2022 11:57:16 PM	66770

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP4 1-2

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-002

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/14/2022 5:21:36 PM	66848

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP4 2-3

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-003

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/14/2022 5:58:38 PM	66848

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP4 3-4

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-004

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	60		mg/Kg	20	4/14/2022 6:35:40 PM	66848

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP4 4-5

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-005

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	ND	61		mg/Kg	20	4/14/2022 6:48:00 PM	66848

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 0-1

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-006

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LRN
Chloride	94	60		mg/Kg	20	4/14/2022 7:00:22 PM	66848
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	200	9.8		mg/Kg	1	4/15/2022 1:03:27 PM	66787
Motor Oil Range Organics (MRO)	460	49		mg/Kg	1	4/15/2022 1:03:27 PM	66787
Surr: DNOP	107	51.1-141		%Rec	1	4/15/2022 1:03:27 PM	66787
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/13/2022 12:20:47 AM	66770
Surr: BFB	94.5	37.7-212		%Rec	1	4/13/2022 12:20:47 AM	66770
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/13/2022 12:20:47 AM	66770
Toluene	ND	0.047		mg/Kg	1	4/13/2022 12:20:47 AM	66770
Ethylbenzene	ND	0.047		mg/Kg	1	4/13/2022 12:20:47 AM	66770
Xylenes, Total	ND	0.093		mg/Kg	1	4/13/2022 12:20:47 AM	66770
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	4/13/2022 12:20:47 AM	66770

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 1-2

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-007

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	81	60		mg/Kg	20	4/14/2022 6:47:54 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 2-3

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-008

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	82	60		mg/Kg	20	4/14/2022 7:00:18 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 3-4

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-009

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	89	60		mg/Kg	20	4/14/2022 7:12:42 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP5 4-5

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-010

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	76	60		mg/Kg	20	4/14/2022 7:49:55 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP6 0-1

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-011

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	4/14/2022 8:02:20 PM	66855
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	4/14/2022 12:39:06 AM	66787
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/14/2022 12:39:06 AM	66787
Surr: DNOP	96.4	51.1-141		%Rec	1	4/14/2022 12:39:06 AM	66787
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/13/2022 12:44:19 AM	66770
Surr: BFB	95.9	37.7-212		%Rec	1	4/13/2022 12:44:19 AM	66770
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098		mg/Kg	1	4/13/2022 12:44:19 AM	66770
Benzene	ND	0.025		mg/Kg	1	4/13/2022 12:44:19 AM	66770
Toluene	ND	0.049		mg/Kg	1	4/13/2022 12:44:19 AM	66770
Ethylbenzene	ND	0.049		mg/Kg	1	4/13/2022 12:44:19 AM	66770
Xylenes, Total	ND	0.098		mg/Kg	1	4/13/2022 12:44:19 AM	66770
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	4/13/2022 12:44:19 AM	66770

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP6 1-2

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-012

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 8:14:45 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP6 2-3

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-013

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 9:16:48 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP6 3-4

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-014

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 9:29:13 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP6 4-5

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-015

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	61		mg/Kg	20	4/14/2022 9:41:37 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP7 0-1

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-016

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 9:54:02 PM	66855
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	4/14/2022 12:49:52 AM	66787
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/14/2022 12:49:52 AM	66787
Surr: DNOP	94.2	51.1-141		%Rec	1	4/14/2022 12:49:52 AM	66787
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/13/2022 1:07:52 AM	66770
Surr: BFB	97.5	37.7-212		%Rec	1	4/13/2022 1:07:52 AM	66770
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/13/2022 1:07:52 AM	66770
Toluene	ND	0.048		mg/Kg	1	4/13/2022 1:07:52 AM	66770
Ethylbenzene	ND	0.048		mg/Kg	1	4/13/2022 1:07:52 AM	66770
Xylenes, Total	ND	0.096		mg/Kg	1	4/13/2022 1:07:52 AM	66770
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	4/13/2022 1:07:52 AM	66770

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP7 1-2

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-017

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 10:06:26 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP7 2-3

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-018

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 10:18:50 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP7 3-4

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-019

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 10:31:14 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP7 4-5

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-020

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 10:43:38 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP8 0-1

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-021

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 10:56:03 PM	66855
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/14/2022 1:00:38 AM	66787
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/14/2022 1:00:38 AM	66787
Surr: DNOP	94.6	51.1-141		%Rec	1	4/14/2022 1:00:38 AM	66787
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/13/2022 1:31:21 AM	66770
Surr: BFB	97.4	37.7-212		%Rec	1	4/13/2022 1:31:21 AM	66770
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/13/2022 1:31:21 AM	66770
Toluene	ND	0.048		mg/Kg	1	4/13/2022 1:31:21 AM	66770
Ethylbenzene	ND	0.048		mg/Kg	1	4/13/2022 1:31:21 AM	66770
Xylenes, Total	ND	0.096		mg/Kg	1	4/13/2022 1:31:21 AM	66770
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	4/13/2022 1:31:21 AM	66770

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP8 1-2

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-022

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	59		mg/Kg	20	4/14/2022 11:08:27 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP8 2-3

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-023

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 11:45:39 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP8 3-4

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-024

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/14/2022 11:58:03 PM	66855

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

Analytical Report

Lab Order **2204424**

Date Reported: **4/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: SP8 4-5

Project: GA TB Water line 9.8.21

Collection Date: 4/8/2022

Lab ID: 2204424-025

Matrix: SOIL

Received Date: 4/9/2022 9:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	ND	60		mg/Kg	20	4/15/2022 12:10:28 AM	66855

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204424

20-Apr-22

Client: Burnett Oil Co Inc
Project: GA TB Water line 9.8.21

Sample ID: MB-66848	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66848	RunNo: 87263								
Prep Date: 4/14/2022	Analysis Date: 4/14/2022	SeqNo: 3085740	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66848	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66848	RunNo: 87263								
Prep Date: 4/14/2022	Analysis Date: 4/14/2022	SeqNo: 3085741	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.2	90	110			

Sample ID: MB-66855	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 66855	RunNo: 87264								
Prep Date: 4/14/2022	Analysis Date: 4/14/2022	SeqNo: 3085853	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-66855	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 66855	RunNo: 87264								
Prep Date: 4/14/2022	Analysis Date: 4/14/2022	SeqNo: 3085854	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.0	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204424

20-Apr-22

Client: Burnett Oil Co Inc
Project: GA TB Water line 9.8.21

Sample ID: MB-66787	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 66787	RunNo: 87194								
Prep Date: 4/12/2022	Analysis Date: 4/13/2022	SeqNo: 3084981	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.7		10.00		96.5	51.1	141			

Sample ID: LCS-66787	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 66787	RunNo: 87194								
Prep Date: 4/12/2022	Analysis Date: 4/13/2022	SeqNo: 3084984	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	80.4	68.9	135			
Surr: DNOP	4.3		5.000		86.3	51.1	141			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204424

20-Apr-22

Client: Burnett Oil Co Inc
Project: GA TB Water line 9.8.21

Sample ID: mb-66770	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 66770		RunNo: 87187							
Prep Date: 4/11/2022	Analysis Date: 4/12/2022		SeqNo: 3082623		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		99.8	37.7	212			

Sample ID: lcs-66770	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 66770		RunNo: 87187							
Prep Date: 4/11/2022	Analysis Date: 4/12/2022		SeqNo: 3082624		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.3	72.3	137			
Surr: BFB	2000		1000		204	37.7	212			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2204424

20-Apr-22

Client: Burnett Oil Co Inc
Project: GA TB Water line 9.8.21

Sample ID: mb-66770	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 66770	RunNo: 87187								
Prep Date: 4/11/2022	Analysis Date: 4/12/2022	SeqNo: 3082670	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: LCS-66770	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 66770	RunNo: 87187								
Prep Date: 4/11/2022	Analysis Date: 4/12/2022	SeqNo: 3082671	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.84	0.10	1.000	0	84.1	80	120			
Benzene	0.91	0.025	1.000	0	90.5	80	120			
Toluene	0.93	0.050	1.000	0	92.9	80	120			
Ethylbenzene	0.93	0.050	1.000	0	93.3	80	120			
Xylenes, Total	2.8	0.10	3.000	0	93.3	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: Burnett Oil Co Inc

Work Order Number: 2204424

RcptNo: 1

Received By: Desiree Dominguez 4/9/2022 9:45:00 AM

Signature of Desiree Dominguez

Completed By: Desiree Dominguez 4/9/2022 10:45:07 AM

Signature of Desiree Dominguez

Reviewed By: jay/11/22

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by [Signature]

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 2.0, Good, [], [], []

Chain-of-Custody Record

Client: BOCT

Mailing Address: P.O. Box 188

6000 Hills, NM 88255

Phone #: 575-706-5999

email or Fax#: uburns@burnettoil.com

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

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Turn-Around Time:

5day

Standard

Rush

Project Name:

GA TB Waterline (9.8.21)

Project #:

Project Manager:

Bryan Burns

Sampler: Karin Freeman

On Ice: Yes No

of Coolers: 1

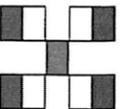
Cooler Temp. (including CF): 2.2-0.2 = 2.0 (°C)

Date	Time	Matrix	Sample Name
<u>4/8/22</u>	<u>AM</u>	<u>soil</u>	<u>Sp4 D'-1'</u>
			<u>1-2'</u>
			<u>2-3'</u>
			<u>3-4'</u>
			<u>4-5'</u>
			<u>Sp5 0.1'</u>
			<u>1-2'</u>
			<u>2-3'</u>
			<u>3-4'</u>
			<u>4-5'</u>

Container Type and #	Preservative Type	HEAL No.
<u>JAR</u>		<u>2204424</u>
		<u>-001</u>
		<u>-002</u>
		<u>-003</u>
		<u>-004</u>
		<u>-005</u>
		<u>-006</u>
		<u>-007</u>
		<u>-008</u>
		<u>-009</u>
		<u>-010</u>

Received by:	Via:	Date	Time
<u>Manning</u>	<u>courier</u>	<u>4/8/22</u>	<u>1510</u>
<u>BOCT</u>	<u>courier</u>	<u>4/19/22</u>	<u>9:45</u>

Relinquished by: Karin Freeman
 Received by: Manning
 Via: courier
 Date: 4/8/22
 Time: 1510



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

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

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: BOCI

Mailing Address: P.O. Box 138

1020 Mills, NM 98255

Phone #: 575-706-5999

email or Fax#: cburns@smethoil.com

QA/QC Package: K Freeman @ ASPGRTS.us

Standard Level 4 (Full Validation)

Accreditation: AZ Compliance

NELAC Other

EDD (Type)

Turn-Around Time: 5 day
 Standard Rush

Project Name: GA TB Waterline (9.8.21)

Project #:

Project Manager: Bryan Burns

Sampler: Keri Fuerna

On Ice: Yes No

of Coolers: 1

Cooler Temp (including Cr): 2.2 - 0.2 = 2.0 (°C)

Container Type and #

Preservative Type

HEAL No. 220424

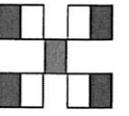
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
4/8/22	PM	soil	Sp 8 0-1	JAN		-021
			1-2			-022
			2-3			-023
			3-4			-024
			4-5			-025

Received by: AK Date: 4/8/22 Time: 5:00

Via: currier Date: 4/19/22 Time: 9:45

Relinquished by: Keri Fuerna

Relinquished by: AK



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

Remarks: IF step greater than 50mg/L test for lead in sample

TPH - greater than 350mg/L

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.

Burnett Oil Co. Inc.

6/23/2022

Mike Bratcher

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

RE: Characterization Report

**Burnett Oil Co., Inc. - Gissler A Tank Battery
UL/J sec. 14 T17S R30E
nAPP2126346304**

Mr. Bratcher:

The above location is approximately 2.5 miles Northeast of Loco Hills, New Mexico at UL/J sec.14 T17S R30E. The site is located in an area of no known groundwater. Any groundwater is to be expected below 300 feet. But due to the lease being on BLM land Burnett Oil Co. will remediate to the stricter standard.

On the morning of September 8, 2021, there was a release of 8 to 12 barrels of produced water. This quantity was based on a 9-day average of water at this facility. While performing normal duties the lease operator noticed the leak behind the battery and closed all necessary valves to stop the release. The release occurred behind the battery and is located between the battery, and an adjacent frac pond. The release was caused when a poly weld in a flow line broke releasing produced water into the pasture. Portions of this release will be within the right-of-way of the battery and the frac pond. The BLM was contacted on September 8 by phone and site plan was generated and sent to them to verify it was not within an archaeological site. A release notification was filed on the NMOCD portal on 9-20-21. Aspen Grow LLC was retained to collect samples from designated Sample Points and to remediate the release.

Corrective Action Plan

On 9-8-2021 when I was contacted about the release at the battery I went straight over there. The release was right behind the battery and ran downhill. In that process it separated twice leaving dry islands between the flow paths. Three sample points were chosen. One by the release point (SP1). The second was where the two flow paths come back together (SP2) and the last was at the lowest point of the release (SP3). There were no pools where fluid could be recovered from. When I checked the depth of saturation at SP3 it was only wet a couple of inches deep. This leads to the possibility that this is a smaller release than what the average reflects.

I contacted Aspen grow and retained their services. On 9-18-21 they came out and collected samples at the designated locations. Sample Point 1 reflects elevated level at 1 -2 feet at 1800 for Chlorides. It fell within regulatory guidelines at the other depths. Sample point 2 was at 1700 for Chlorides at 0-1 feet and 810 at 1-2 feet. Other depths were within regulatory limits. Sample point 3 was 5100 Chlorides at 1-2 feet. It was the only sample point that showed any TPH levels and it was within regulations.

Burnett Oil Co. Inc.

6/23/2022

Aspen Grow LLC. will apply a Probiotic compound to the impacted area. The probiotics will be applied with fresh water to the impacted area once a week until all sample points come within regulatory limits. In that time the probiotics and the fresh water will be able to begin remediating the hydrocarbons in the impacted area. The process is a water and proprietary blend of probiotics that are sprayed over the entire footprint to a point of saturation. This is a topical application process. We do not use injection holes. The repeated process pushes the proprietary blend down with each application. We have seen good results from this process and have had areas show re-growth while still receiving treatments. The area is re-sampled periodically to ensure treatment is being affective and to identify areas that may require a heavier concentration of probiotics. The process continues until all levels are within regulatory limits. Burnett Oil has had good success in treating releases of this type with bioremediation and feel it is less invasive to the environment.

I had tried to file this report with all pertinent data but the link to the Incident Report I was provided has broken and was trying to attach my reports to a Spur Energy flare release. I contacted Mike Bratcher about this and he had to escalate it to IT he said. I have tried to contact Bratcher back several times since November but have not got to speak to him or had a call returned.

We continued our bio-remediation treatment at this facility and increased our treatment to twice a week. On 12/17/21 we sampled the remediation Sample Points and all three sample points were within regulatory guidelines for both closure and reclamation. Lab Reports and analytical table were submitted.

Characterization Report

While pulling this report and information I saw that I attached the wrong page to the submitted report. I apologize for that. Due to the issues I had getting the Incident number corrected, I had several revisions of this report and included the wrong page 2 in my last submission. So I'm sure my that submission made no sense.

Burnett Oil Co. Inc.

6/23/2022

Mr. Hamlet requested additional delineation samples to show no outside contamination. I created 5 additional sample points and Aspen Grow LLC collected those sample points on 4/8/2022. All 5 sample points were within regulations for remediation and reclamation standards for chlorides. Sample Point 5 did have a TPH of 660, 0 to 1ft. Burnett Oil would like an extension to treat this sample point since it was recently added and has not been treated yet. All of the other locations have cleaned up well.

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

Sincerely,



Bryan Burns
HSE and Security Coordinator
575-706-5999
wburns@burnettoil.com

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
 Phone:(575) 748-1283 Fax:(575) 748-9720
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 120335

CONDITIONS

Operator: BURNETT OIL CO INC 801 Cherry Street Unit #9 Fort Worth, TX 76102	OGRID: 3080
	Action Number: 120335
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	10/27/2022