

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

April 08, 2019

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

RE: Gissler B 3 3

OrderNo.: 1904045

Dear Johnny Titsworth:

Hall Environmental Analysis Laboratory received 25 sample(s) on 3/30/2019 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report
Lab Order 1904045

Date Reported: 4/8/2019

					1	Jate Reported. 4/0/2013	
CLIENT: Burnett Oil Co Inc		Cl	ient Sa	ample II	D: SP1	0'-1'	
Project: Gissler B 3 3		(Collect	tion Dat	e: 3/28	/2019	
Lab ID: 1904045-001	Matrix: SOIL		Recei	ved Dat	e: 3/30	/2019 9:20:00 AM	
Analyses	Result	RL	Qual	Units	DF I	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CJS
Chloride	5100	150		mg/Kg	50	4/7/2019 10:39:33 AM	44147
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst:	Irm
Diesel Range Organics (DRO)	7700	960		mg/Kg	100	4/3/2019 7:08:38 PM	44043
Motor Oil Range Organics (MRO)	7300	4800		mg/Kg	100	4/3/2019 7:08:38 PM	44043
Surr: DNOP	0	70-130	S	%Rec	100	4/3/2019 7:08:38 PM	44043
EPA METHOD 8015D: GASOLINE RANG	θE					Analyst:	RAA
Gasoline Range Organics (GRO)	23	4.9		mg/Kg	1	4/3/2019 8:32:05 AM	44027
Surr: BFB	322	73.8-119	S	%Rec	1	4/3/2019 8:32:05 AM	44027
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.025		mg/Kg	1	4/3/2019 8:32:05 AM	44027
Toluene	ND	0.049		mg/Kg	1	4/3/2019 8:32:05 AM	44027
Ethylbenzene	0.54	0.049		mg/Kg	1	4/3/2019 8:32:05 AM	44027
Xylenes, Total	1.3	0.099		mg/Kg	1	4/3/2019 8:32:05 AM	44027
Surr: 4-Bromofluorobenzene	126	80-120	S	%Rec	1	4/3/2019 8:32:05 AM	44027

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

Qualifiers:

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

- ND Not Detected at the Reporting Limit
- % Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Page 1 of 29

Hall Environmental Analy	IC.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	1 1'-2'			
Project: Gissler B 3 3		Coll	ection Dat	e: 3/2	28/2019			
Lab ID: 1904045-002	Matrix: SOIL	Re	ceived Dat	e: 3/3	30/2019 9:20:00 AM			
Analyses	Result	RL Qu	ial Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: MRA		
Chloride	100	60	mg/Kg	20	4/4/2019 4:17:02 AM	44089		

Qualifiers: H

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	с.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	1 2'-3'			
Project: Gissler B 3 3	Collection Date: 3/28/2019							
Lab ID: 1904045-003	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: MRA		
Chloride	4100	150	mg/Kg	50	4/5/2019 1:04:13 AM	44089		

Qualifiers: H Holding time

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified at testcode

Analytical Report

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S % Recovery outside of range due to dilution or matrix

Hall Environmental Analy	IC.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Client	Sample II	D: SP	1 3'-4'			
Project: Gissler B 3 3		Coll	ection Dat	e: 3/2	8/2019			
Lab ID: 1904045-004	Matrix: SOIL	Ree	ceived Dat	e: 3/3	0/2019 9:20:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: MRA		
Chloride	3500	150	mg/Kg	50	4/5/2019 1:16:38 AM	44089		

Qualifiers:

Н Holding times for preparation or analysis exceeded PQL Practical Quanitative Limit

- ND Not Detected at the Reporting Limit Reporting Detection Limit
- RL
 - W Sample container temperature is out of limit as specified at testcode

Analytical Report

- % Recovery outside of range due to dilution or matrix S

Hall Environmental Analy	IC.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	1 4'-5'			
Project: Gissler B 3 3		Coll	ection Dat	e: 3/2	28/2019			
Lab ID: 1904045-005	Matrix: SOIL	Re	ceived Dat	e: 3/3	80/2019 9:20:00 AM			
Analyses	Result	RL Qu	ial Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: MRA		
Chloride	1800	60	mg/Kg	20	4/4/2019 4:54:16 AM	44089		

Qualifiers: H Holding tir PQL Practical Q S % Recover

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit W Sample container temperature is out of limit as specified at testcode

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Analytical Report

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Hall Environmental Analy	nc.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	Sample II	D: SP	1 5'-6'		
Project: Gissler B 3 3		Colle	ection Dat	e: 3/2	8/2019		
Lab ID: 1904045-006	Matrix: SOIL	Rec	eived Dat	e: 3/3	0/2019 9:20:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	: MRA	
Chloride	3600	150	mg/Kg	50	4/5/2019 1:29:03 AM	44089	

Qualifiers:

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	nc.	Lab Order 1904045 • Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Client	Sample II	D: SP	1 6'-7'			
Project: Gissler B 3 3		Coll	ection Dat	e: 3/2	8/2019			
Lab ID: 1904045-007	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: MRA		
Chloride	3900	150	mg/Kg	50	4/5/2019 1:41:27 AM	44089		

Qualifiers:

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

- NDNot Detected at the Reporting LimitRLReporting Detection Limit
- Practical Quanitative Limit
 RL
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 % Recovery outside of range due to dilution or matrix
 W
 San
 - Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	i c.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Client	Sample II	D: SP	1 7'-8'			
Project: Gissler B 3 3	Collection Date: 3/28/2019							
Lab ID: 1904045-008	Matrix: SOIL	Ree	ceived Dat	e: 3/3	30/2019 9:20:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analys	t: MRA		
Chloride	4400	150	mg/Kg	50	4/5/2019 1:53:52 AM	44089		

Qualifiers:

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit % Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	nc.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	Sample II	D: SP	1 8'-9'		
Project: Gissler B 3 3		Colle	ection Dat	e: 3/2	28/2019		
Lab ID: 1904045-009	Matrix: SOIL	Rec	ceived Dat	e: 3/3	30/2019 9:20:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	t: MRA	
Chloride	4500	150	mg/Kg	50	4/5/2019 2:06:17 AM	44089	

Qualifiers:

S

Н Holding times for preparation or analysis exceeded PQL Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit W

Sample container temperature is out of limit as specified at testcode

Analytical Report

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Analytical Report
Lab Order 1904045

Date Reported: 4/8/2019

	• /						
CLIENT: Burnett Oil Co Inc		Cl	ient S	ample II	D: SP2	2 0'-1'	
Project: Gissler B 3 3		(Collect	tion Dat	e: 3/2	8/2019	
Lab ID: 1904045-010	Matrix: SOIL		Recei	ved Dat	e: 3/3	0/2019 9:20:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	1500	60		mg/Kg	20	4/5/2019 10:53:13 AM	44147
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst:	Irm
Diesel Range Organics (DRO)	12000	990		mg/Kg	100	4/3/2019 7:32:58 PM	44043
Motor Oil Range Organics (MRO)	9500	5000		mg/Kg	100	4/3/2019 7:32:58 PM	44043
Surr: DNOP	0	70-130	S	%Rec	100	4/3/2019 7:32:58 PM	44043
EPA METHOD 8015D: GASOLINE RANG	GE					Analyst:	RAA
Gasoline Range Organics (GRO)	35	23		mg/Kg	5	4/3/2019 6:41:32 PM	44027
Surr: BFB	125	73.8-119	S	%Rec	5	4/3/2019 6:41:32 PM	44027
EPA METHOD 8021B: VOLATILES						Analyst:	RAA
Benzene	ND	0.12		mg/Kg	5	4/3/2019 6:41:32 PM	44027
Toluene	ND	0.23		mg/Kg	5	4/3/2019 6:41:32 PM	44027
Ethylbenzene	ND	0.23		mg/Kg	5	4/3/2019 6:41:32 PM	44027
Xylenes, Total	ND	0.47		mg/Kg	5	4/3/2019 6:41:32 PM	44027
Surr: 4-Bromofluorobenzene	92.6	80-120		%Rec	5	4/3/2019 6:41:32 PM	44027

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

Qualifiers:

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit % Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified at testcode

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Hall Environmental Analy	ic.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	2 1'-2'			
Project: Gissler B 3 3	Collection Date: 3/28/2019							
Lab ID: 1904045-011	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analy	st: MRA		
Chloride	1300	60	mg/Kg	20	4/4/2019 6:21:08 AM	44089		

Holding times for preparation or analysis exceeded Н **Qualifiers:** S

PQL Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	с.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	2 2'-3'			
Project: Gissler B 3 3	Collection Date: 3/28/2019							
Lab ID: 1904045-012	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM			
Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analy	st: MRA		
Chloride	770	60	mg/Kg	20	4/4/2019 6:33:33 AM	44089		

Qualifiers:

- Н Holding times for preparation or analysis exceeded PQL Practical Quanitative Limit
- ND Not Detected at the Reporting Limit RL
- Reporting Detection Limit
 - W Sample container temperature is out of limit as specified at testcode

Analytical Report

% Recovery outside of range due to dilution or matrix S

Hall Environmental Analy	IC.			Lab Order 1904045 Date Reported: 4/8/2019		
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	2 3'-4'	
Project: Gissler B 3 3	Collection Date: 3/28/2019					
Lab ID: 1904045-013	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM	
Analyses	Result	RL Qu	ial Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	180	60	mg/Kg	20	4/4/2019 11:37:36 AM	44103

Qualifiers: H Holding times for preparation or analysis exceeded

S

PQL Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

Hall Environmental Analy	с.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	2 4'-5'		
Project: Gissler B 3 3	Collection Date: 3/28/2019						
Lab ID: 1904045-014	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM		
Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analy	st: MRA	
Chloride	230	60	mg/Kg	20	4/4/2019 12:39:39 PN	44103	

Qualifiers: H Holding times for preparation or analysis exceeded

S

PQL Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	с.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	Sample II	D: SP	2 5'-6'		
Project: Gissler B 3 3	Collection Date: 3/28/2019						
Lab ID: 1904045-015	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analy	st: MRA	
Chloride	ND	60	mg/Kg	20	4/4/2019 12:52:04 PM	/ 44103	

Qualifiers:

S

- H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit
- ND Not Dete
- % Recovery outside of range due to dilution or matrix

NDNot Detected at the Reporting LimitRLReporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	IC.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	2 6'-7'		
Project: Gissler B 3 3	Collection Date: 3/28/2019						
Lab ID: 1904045-016	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	t: MRA	
Chloride	140	60	mg/Kg	20	4/4/2019 1:04:29 PM	44103	

Qualifiers: H Holding times for preparation or analysis exceeded

S

PQL Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	c.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	Sample II	D: SP	2 7'-8'		
Project: Gissler B 3 3	Collection Date: 3/28/2019						
Lab ID: 1904045-017	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analy	st: MRA	
Chloride	ND	60	mg/Kg	20	4/4/2019 1:16:53 PM	44103	

Qualifiers:

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	c.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	2 8'-9'		
Project: Gissler B 3 3	Collection Date: 3/28/2019						
Lab ID: 1904045-018	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM		
Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	st: MRA	
Chloride	ND	60	mg/Kg	20	4/4/2019 1:29:18 PM	44103	

Analytical Report

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

Qualifiers: H

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit
 W Sample container temperature is out of limit as specified at testcode

% Recovery outside of range due to dilution or matrix W Sample c

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Hall Environmental Analy	IC.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	2 9'-10'		
Project: Gissler B 3 3	Collection Date: 3/28/2019						
Lab ID: 1904045-019	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM		
Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	st: MRA	
Chloride	100	60	mg/Kg	20	4/4/2019 1:41:42 PM	44103	

Qualifiers:

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Analytical Report Lab Order 1904045

Date Reported: 4/8/2019

	5 57					ate Reported. 4/0/2012	
CLIENT: Burnett Oil Co Inc		C	ient Sa	ample II	D: SP3	0'-1'	
Project: Gissler B 3 3			Collect	tion Dat	:e: 3/28	/2019	
Lab ID: 1904045-020	Matrix: SOIL		Recei	ved Dat	:e: 3/30	/2019 9:20:00 AM	
Analyses	Result	RL	Qual	Units	DF I	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	CJS
Chloride	3100	150		mg/Kg	50	4/7/2019 10:51:58 AM	44147
EPA METHOD 8015M/D: DIESE	L RANGE ORGANICS					Analyst	Irm
Diesel Range Organics (DRO)	10000	990		mg/Kg	100	4/3/2019 7:57:25 PM	44043
Motor Oil Range Organics (MRO)	8800	5000		mg/Kg	100	4/3/2019 7:57:25 PM	44043
Surr: DNOP	0	70-130	S	%Rec	100	4/3/2019 7:57:25 PM	44043
EPA METHOD 8015D: GASOLI	NE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	99	25		mg/Kg	5	4/3/2019 8:14:43 PM	44027
Surr: BFB	159	73.8-119	S	%Rec	5	4/3/2019 8:14:43 PM	44027
EPA METHOD 8021B: VOLATIL	ES					Analyst	RAA
Benzene	0.16	0.12		mg/Kg	5	4/3/2019 8:14:43 PM	44027
Toluene	1.6	0.25		mg/Kg	5	4/3/2019 8:14:43 PM	44027
Ethylbenzene	0.75	0.25		mg/Kg	5	4/3/2019 8:14:43 PM	44027
Xylenes, Total	1.6	0.50		mg/Kg	5	4/3/2019 8:14:43 PM	44027
Surr: 4-Bromofluorobenzene	97.7	80-120		%Rec	5	4/3/2019 8:14:43 PM	44027

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

Qualifiers:

S

Н Holding times for preparation or analysis exceeded PQL Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

RL Reporting Detection Limit W

Sample container temperature is out of limit as specified at testcode

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Hall Environmental Analy	ysis Laboratory, In	IC.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Clien	t Sample II	D: SP3 1'-2'					
Project: Gissler B 3 3	Collection Date: 3/28/2019								
Lab ID: 1904045-021	Matrix: SOIL	Re	ceived Dat	e: 3/30/2019 9:20:00 AM					
Analyses	Result	RL Qu	al Units	DF Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS				Analys	t: CJS				
Chloride	5200	300	mg/Kg	100 4/6/2019 1:52:04 PM	44103				

Qualifiers: H

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	vsis Laboratory, II	nc.	Lab Order 1904045 Date Reported: 4/8/2019						
CLIENT: Burnett Oil Co Inc		Clien	t Sample II	D: SP3 2'-3'					
Project: Gissler B 3 3	Collection Date: 3/28/2019								
Lab ID: 1904045-022	Matrix: SOIL	Re	ceived Dat	e: 3/30/2019 9:20:00 AM					
Analyses	Result	RL Qu	ual Units	DF Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS				Analys	t: CJS				
Chloride	7700	300	mg/Kg	100 4/6/2019 2:04:28 PM	44103				

Qualifiers: H

S

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	c.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	3 3'-4'		
Project: Gissler B 3 3	Collection Date: 3/28/2019						
Lab ID: 1904045-023	Matrix: SOIL	Re	ceived Dat	e: 3/3	0/2019 9:20:00 AM		
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	t: MRA	
Chloride	1200	60	mg/Kg	20	4/4/2019 2:43:45 PM	44103	

Н **Qualifiers:**

S

Holding times for preparation or analysis exceeded PQL Practical Quanitative Limit

ND Not Detected at the Reporting Limit

% Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit W

Sample container temperature is out of limit as specified at testcode

Analytical Report

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Hall Environmental Analy	nc.	Lab Order 1904045 Date Reported: 4/8/2019					
CLIENT: Burnett Oil Co Inc		Client	t Sample II	D: SP	3 4'-5'		
Project: Gissler B 3 3	Collection Date: 3/28/2019						
Lab ID: 1904045-024	Matrix: SOIL Received Date: 3/30/2019 9:2						
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analys	t: CJS	
Chloride	3500	150	mg/Kg	50	4/6/2019 2:16:53 PM	44103	

Qualifiers:

- H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit
 - W Sample container temperature is out of limit as specified at testcode

S % Recovery outside of range due to dilution or matrix

Analytical Report Lab Order 1904045

Hall Environmental Analy	ysis Laboratory, Iı	nc.			Lab Order 1904045 Date Reported: 4/8/201	9
CLIENT: Burnett Oil Co Inc		Client	Sample II	D: SP	3 5'-6'	
Project: Gissler B 3 3		Colle	ection Dat	e: 3/2	28/2019	
Lab ID: 1904045-025	Matrix: SOIL	Rec	ceived Dat	e: 3/3	30/2019 9:20:00 AM	
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: CJS
Chloride	3400	150	mg/Kg	50	4/6/2019 2:29:17 PM	44103

Qualifiers:

S

- H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit
- ND Not Detected at the Reporting Limit
- % Recovery outside of range due to dilution or matrix

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

Analytical Report

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QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, Inc.	

WO#: 1904045 08-Apr-19

Client: Burnett Oil Co Inc **Project:** Gissler B 3 3

Analyte	SampType: mblk Batch ID: 44089	TestCode: EPA Method 300.0:	Anions
Prep Date: 4/3/2019 An Analyte F	Batch ID: 44089		
Analyte R		RunNo: 58879	
	alysis Date: 4/4/2019	SeqNo: 1979365 Units:	mg/Kg
	esult PQL SPK value SPK Ret	f Val %REC LowLimit HighL	imit %RPD RPDLimit Qual
Chloride	ND 1.5		
Sample ID: LCS-44089	SampType: Ics	TestCode: EPA Method 300.0:	Anions
Client ID: LCSS	Batch ID: 44089	RunNo: 58879	
Prep Date: 4/3/2019 An	alysis Date: 4/4/2019	SeqNo: 1979366 Units:	mg/Kg
Analyte R	esult PQL SPK value SPK Ret	f Val %REC LowLimit HighL	imit %RPD RPDLimit Qual
Chloride	14 1.5 15.00	0 94.2 90	110
Sample ID: MB-44103	SampType: mblk	TestCode: EPA Method 300.0:	Anions
Client ID: PBS	Batch ID: 44103	RunNo: 58880	
Prep Date: 4/4/2019 An	alysis Date: 4/4/2019	SeqNo: 1980991 Units:	mg/Kg
Analyte R	esult PQL SPK value SPK Ret	f Val %REC LowLimit HighL	imit %RPD RPDLimit Qual
Chloride	ND 1.5		
Sample ID: LCS-44103	SampType: Ics	TestCode: EPA Method 300.0:	Anions
Client ID: LCSS	Batch ID: 44103	RunNo: 58880	
Prep Date: 4/4/2019 An	alysis Date: 4/4/2019	SeqNo: 1980992 Units:	mg/Kg
Analyte R	esult PQL SPK value SPK Rei	f Val %REC LowLimit HighL	
Analyte			_imit %RPD RPDLimit Qual
Chloride	14 1.5 15.00	0	Limit %RPD RPDLimit Qual
,		0	110
Chloride	14 1.5 15.00	0 96.1 90	110
Chloride Sample ID: MB-44147 Client ID: PBS	14 1.5 15.00 SampType: mblk	0 96.1 90 TestCode: EPA Method 300.0: / RunNo: 58920	110
Chloride Sample ID: MB-44147 Client ID: PBS Prep Date: 4/5/2019 An	14 1.5 15.00 SampType: mblk Batch ID: 44147 alysis Date: 4/5/2019	0 96.1 90 TestCode: EPA Method 300.0: / RunNo: 58920	110 Anions mg/Kg
Chloride Sample ID: MB-44147 Client ID: PBS Prep Date: 4/5/2019 An	14 1.5 15.00 SampType: mblk Batch ID: 44147 alysis Date: 4/5/2019	0 96.1 90 TestCode: EPA Method 300.0: / RunNo: 58920 SeqNo: 1982048 Units:	110 Anions mg/Kg
Chloride Sample ID: MB-44147 Client ID: PBS Prep Date: 4/5/2019 An Analyte R	14 1.5 15.00 SampType: mblk Batch ID: 44147 alysis Date: 4/5/2019 esult PQL SPK value	0 96.1 90 TestCode: EPA Method 300.0: / RunNo: 58920 SeqNo: 1982048 Units:	110 Anions mg/Kg .imit %RPD RPDLimit Qual
Chloride Sample ID: MB-44147 Client ID: PBS Prep Date: 4/5/2019 An Analyte F Chloride	141.515.00SampType:mblkBatch ID:44147alysis Date:4/5/2019esultPQLSPK valueND1.5	0 96.1 90 TestCode: EPA Method 300.0: <i>A</i> RunNo: 58920 SeqNo: 1982048 Units: f Val %REC LowLimit HighL	110 Anions mg/Kg .imit %RPD RPDLimit Qual
Chloride Sample ID: MB-44147 Client ID: PBS Prep Date: 4/5/2019 An Analyte F Chloride Sample ID: LCS-44147 Client ID: LCSS	141.515.00SampType:mblkBatch ID:44147alysis Date:4/5/2019esultPQLSPK valueND1.5SampType:Ics	0 96.1 90 TestCode: EPA Method 300.0: / RunNo: 58920 SeqNo: 1982048 Units: f Val %REC LowLimit HighL TestCode: EPA Method 300.0: / RunNo: 58920	110 Anions mg/Kg .imit %RPD RPDLimit Qual
Chloride Sample ID: MB-44147 Client ID: PBS Prep Date: 4/5/2019 An Analyte F Chloride Sample ID: LCS-44147 Client ID: LCSS Prep Date: 4/5/2019 An	14 1.5 15.00 SampType: mblk Batch ID: 44147 alysis Date: 4/5/2019 esult PQL SPK value SPK Rei ND 1.5 SampType: Ics Batch ID: 44147	0 96.1 90 TestCode: EPA Method 300.0: / RunNo: 58920 SeqNo: 1982048 Units: f Val %REC LowLimit HighL TestCode: EPA Method 300.0: / RunNo: 58920 SeqNo: 1982049 Units:	110 Anions mg/Kg Limit %RPD RPDLimit Qual Anions mg/Kg

Qualifiers:

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

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QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#:	1904045
	08-Apr-19

Client: Burnett Project: Gissler	Oil Co Inc B 3 3									
Sample ID: MB-44043	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 440	043	F	RunNo: 58	8838				
Prep Date: 4/2/2019	Analysis D	ate: 4/	3/2019	5	SeqNo: 19	979112	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.4	70	130			
Sample ID: LCS-44043	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	n ID: 440	043	F	RunNo: 5	8838				
Prep Date: 4/2/2019	Analysis D	ate: 4/	3/2019	5	SeqNo: 19	979113	Units: mg/k	ſg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.4	63.9	124			
Surr: DNOP	4.7		5.000		94.2	70	130			

Qualifiers:

 H
 Holding times for preparation or analysis exceeded

 PQL
 Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified at testcode

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1904045**

08-Apr-19

Client: Burnett Oil Co Inc **Project:** Gissler B 3 3 Sample ID: 1904045-001AMS SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: SP1 0'-1' RunNo: 58855 Batch ID: 44027 Prep Date: 4/2/2019 Analysis Date: 4/3/2019 SeqNo: 1978331 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analvte Result Gasoline Range Organics (GRO) 51 4.9 24.34 23.48 112 69.1 142 Surr: BFB 3400 973.7 347 73.8 119 S Sample ID: 1904045-001AMSD TestCode: EPA Method 8015D: Gasoline Range SampType: MSD Client ID: SP1 0'-1' Batch ID: 44027 RunNo: 58855 Prep Date: 4/2/2019 Analysis Date: 4/3/2019 SeqNo: 1978332 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 47 23.28 23.48 20 4.7 99.4 69.1 142 8.69 Surr: BFB 3200 931.1 0 S 344 73.8 119 0 Sample ID: LCS-44027 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 44027 RunNo: 58855 Prep Date: 4/2/2019 Analysis Date: 4/3/2019 SeqNo: 1978339 Units: mg/Kg %RPD Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPDLimit Qual Analyte Gasoline Range Organics (GRO) 25 5.0 25.00 0 98.5 80.1 123 Surr: BFB 1100 1000 106 73.8 119 Sample ID: MB-44027 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Batch ID: 44027 Client ID: PBS RunNo: 58855 Prep Date: 4/2/2019 Analysis Date: 4/3/2019 SeqNo: 1978340 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Analyte Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 940 1000 93.6 73.8 119

Qualifiers:

H Holding times for preparation or analysis exceeded

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- ND Not Detected at the Reporting Limit
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W Sample container temperature is out of limit as specified at testcode

		ii i siitui	9515 I		51 y, 111c.						08-Apr
Client:	Burnett C	Dil Co Inc									
roject:	Gissler B	33									
Sample ID:	LCS-44027	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Vola	iles		
Client ID:	LCSS	Batc	h ID: 440	027	F	RunNo: 5	8855				
Prep Date:	4/2/2019	Analysis E	Date: 4/	3/2019	S	SeqNo: 1	978349	Units: mg/k	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.96	0.025	1.000	0	96.0	80	120			
Toluene		1.0	0.050	1.000	0	102	80	120			
Ethylbenzene		1.0	0.050	1.000	0	101	80	120			
Xylenes, Total		3.1	0.10	3.000	0	102	80	120			
Surr: 4-Brom	ofluorobenzene	0.99		1.000		99.3	80	120			
Sample ID:	MB-44027	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batcl	h ID: 440	027	F	RunNo: 5	8855				
Prep Date:	4/2/2019	Analysis E	Date: 4/	3/2019	S	SeqNo: 1	978350	Units: mg/k	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	0.95		1.000		94.7	80	120			
Sample ID:	1904045-010AMS	SampT	Гуре: МS	5	Tes	tCode: El	PA Method	8021B: Volat	iles		
Sample ID.											
•	SP2 0'-1'	Batc	h ID: 440	027	F	RunNo: 5	8855				
	SP2 0'-1'	Batcl Analysis D				RunNo: 5 SeqNo: 1		Units: mg/k	(g		
Client ID: Prep Date:	SP2 0'-1'			3/2019				Units: mg/k HighLimit	′g %RPD	RPDLimit	Qual
Client ID:	SP2 0'-1'	Analysis E	Date: 4/	3/2019	S	SeqNo: 1	980199	•	•	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene	SP2 0'-1'	Analysis I Result	Date: 4/ PQL	3/2019 SPK value	SPK Ref Val	SeqNo: 1 %REC	980199 LowLimit	HighLimit	•	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene Toluene	SP2 0'-1'	Analysis E Result 0.83	Date: 4/ PQL 0.12	3/2019 SPK value 0.9930	SPK Ref Val 0.04460	SeqNo: 1 %REC 78.6	980199 LowLimit 63.9	HighLimit 127	•	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene	SP2 0'-1'	Analysis D Result 0.83 0.93	Date: 4/2 PQL 0.12 0.25	3/2019 SPK value 0.9930 0.9930	SPK Ref Val 0.04460 0.08545	SeqNo: 1 %REC 78.6 84.6	980199 LowLimit 63.9 69.9	HighLimit 127 131	•	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene Foluene Ethylbenzene Kylenes, Total	SP2 0'-1'	Analysis E Result 0.83 0.93 0.88	Date: 4/ PQL 0.12 0.25 0.25	3/2019 SPK value 0.9930 0.9930 0.9930	SPK Ref Val 0.04460 0.08545 0.06103	SeqNo: 1 %REC 78.6 84.6 82.7	980199 LowLimit 63.9 69.9 71	HighLimit 127 131 132	•	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene Foluene Ethylbenzene Kylenes, Total Surr: 4-Brom	SP2 0'-1' 4/2/2019	Analysis I Result 0.83 0.93 0.88 2.8 4.7	Date: 4/ PQL 0.12 0.25 0.25	3/2019 SPK value 0.9930 0.9930 0.9930 2.979 4.965	SPK Ref Val 0.04460 0.08545 0.06103 0.3577	SeqNo: 1 %REC 78.6 84.6 82.7 81.7 95.0	980199 LowLimit 63.9 69.9 71 71.8 80	HighLimit 127 131 132 131	%RPD	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID:	SP2 0'-1' 4/2/2019 ofluorobenzene	Analysis I Result 0.83 0.93 0.88 2.8 4.7 D SampT	Date: 4/ PQL 0.12 0.25 0.25 0.50	3/2019 SPK value 0.9930 0.9930 0.9930 2.979 4.965	SPK Ref Val 0.04460 0.08545 0.06103 0.3577 Tes	SeqNo: 1 %REC 78.6 84.6 82.7 81.7 95.0	980199 LowLimit 63.9 69.9 71 71.8 80 PA Method	HighLimit 127 131 132 131 120	%RPD	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Kylenes, Total Surr: 4-Brom Sample ID:	SP2 0'-1' 4/2/2019 ofluorobenzene 1904045-010AMSI	Analysis I Result 0.83 0.93 0.88 2.8 4.7 D SampT	Date: 4/ PQL 0.12 0.25 0.25 0.50 Type: MS h ID: 444	3/2019 SPK value 0.9930 0.9930 0.9930 2.979 4.965 SD	SPK Ref Val 0.04460 0.08545 0.06103 0.3577 Tes	SeqNo: 1 %REC 78.6 84.6 82.7 81.7 95.0 tCode: El	980199 LowLimit 63.9 69.9 71 71.8 80 PA Method 8855	HighLimit 127 131 132 131 120	%RPD	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Kylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date:	SP2 0'-1' 4/2/2019 ofluorobenzene 1904045-010AMSI SP2 0'-1'	Analysis I Result 0.83 0.93 0.88 2.8 4.7 D Samp ¹ Batcl	Date: 4/ PQL 0.12 0.25 0.25 0.50 Type: MS h ID: 444	3/2019 SPK value 0.9930 0.9930 2.979 4.965 SD 027 3/2019	SPK Ref Val 0.04460 0.08545 0.06103 0.3577 Tes	SeqNo: 1 %REC 78.6 84.6 82.7 81.7 95.0 tCode: El	980199 LowLimit 63.9 69.9 71 71.8 80 PA Method 8855	HighLimit 127 131 132 131 120 8021B: Volat	%RPD	RPDLimit	Qual
Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID:	SP2 0'-1' 4/2/2019 ofluorobenzene 1904045-010AMSI SP2 0'-1'	Analysis I Result 0.83 0.93 0.88 2.8 4.7 D SampT Batcl Analysis I	Date: 4/ PQL 0.12 0.25 0.25 0.50 Type: MS h ID: 440 Date: 4/	3/2019 SPK value 0.9930 0.9930 2.979 4.965 SD 027 3/2019	SPK Ref Val 0.04460 0.08545 0.06103 0.3577 Tes F	SeqNo: 1 %REC 78.6 84.6 82.7 81.7 95.0 tCode: El RunNo: 5 SeqNo: 1	980199 LowLimit 63.9 69.9 71 71.8 80 PA Method 8855 980200	HighLimit 127 131 132 131 120 8021B: Volat Units: mg/F	%RPD		
Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date: Analyte	SP2 0'-1' 4/2/2019 ofluorobenzene 1904045-010AMSI SP2 0'-1'	Analysis I Result 0.83 0.93 0.88 2.8 4.7 D Samp1 Batcl Analysis I Result	Date: 4/ PQL 0.12 0.25 0.25 0.50 Type: MS h ID: 444 Date: 4/ PQL	3/2019 SPK value 0.9930 0.9930 2.979 4.965 5D 527 3/2019 SPK value	SPK Ref Val 0.04460 0.08545 0.06103 0.3577 Tes F SPK Ref Val	SeqNo: 1 %REC 78.6 84.6 82.7 81.7 95.0 tCode: El RunNo: 5 SeqNo: 1 %REC	980199 LowLimit 63.9 69.9 71 71.8 80 PA Method 8855 980200 LowLimit	HighLimit 127 131 132 131 120 8021B: Volat Units: mg/k HighLimit	%RPD iiles %g %RPD	RPDLimit	
Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date: Analyte Benzene	SP2 0'-1' 4/2/2019 ofluorobenzene 1904045-010AMSI SP2 0'-1'	Analysis I Result 0.83 0.93 0.88 2.8 4.7 D Samp ¹ Batcl Analysis I Result 0.86	Date: 4/ PQL 0.12 0.25 0.25 0.50 Type: MS h ID: 44 Date: 4/ PQL 0.12	3/2019 SPK value 0.9930 0.9930 0.9930 2.979 4.965 5D 027 3/2019 SPK value 0.9709	SPK Ref Val 0.04460 0.08545 0.06103 0.3577 Tes F SPK Ref Val 0.04460	SeqNo: 1 %REC 78.6 84.6 82.7 81.7 95.0 tCode: El RunNo: 5 SeqNo: 1 %REC 83.7	980199 LowLimit 63.9 69.9 71 71.8 80 PA Method 8855 980200 LowLimit 63.9	HighLimit 127 131 132 131 120 8021B: Volat Units: mg/k HighLimit 127	%RPD kiles 5g %RPD 3.75	RPDLimit 20	
Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Brom Sample ID: Client ID: Prep Date: Analyte Benzene Toluene	SP2 0'-1' 4/2/2019 ofluorobenzene 1904045-010AMSI SP2 0'-1'	Analysis I Result 0.83 0.93 0.88 2.8 4.7 D SampT Batcl Analysis I Result 0.86 0.97	Date: 4/ PQL 0.12 0.25 0.25 0.50	3/2019 SPK value 0.9930 0.9930 0.9930 2.979 4.965 5D 027 3/2019 SPK value 0.9709 0.9709 0.9709	SPK Ref Val 0.04460 0.08545 0.06103 0.3577 Tes F SPK Ref Val 0.04460 0.08545	SeqNo: 1 %REC 78.6 84.6 82.7 81.7 95.0 tCode: El RunNo: 5 SeqNo: 1 %REC 83.7 91.4	980199 LowLimit 63.9 69.9 71 71.8 80 PA Method 8855 980200 LowLimit 63.9 69.9	HighLimit 127 131 132 131 120 8021B: Volat Units: mg/k HighLimit 127 131	%RPD iiles 5g %RPD 3.75 4.98	RPDLimit 20 20	

Qualifiers:

H Holding times for preparation or analysis exceeded

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified at testcode

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WO#: 1904045

08-Anr-19

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	ANALY	ONMENT/ SIS RATORY	AL	TE	l Environmer L: 505-345-3 Vebsite: www	490 Albuquerq 975 FAX:	01 Hawkin Jue, NM 8 505-345-	es NE 7109 4107	Sar	nple Log-In (Check List
Clie	nt Name:	BURNETT	OIL CO INC	Work	Order Numl	ber: 1904	4045			RcptNc	: 1
	eived By:	Anne Tho			19 9:20:00 /			am	u H.	~	
	ewed By:	Erin Mele YG	4/11/14 4/01/19	4/1/201	9 2:07:07 P	м		M_	nz	7	
Chai	in of Cus	tody	'								
		ustody comp	lete?			Yes	\checkmark	No		Not Present	
2. H	ow was the	sample deliv	ered?			Cou	rier				
Log	n In										
100		pt made to c	cool the samp	les?		Yes	✓	No		NA 🗌	
4. W	ere all samp	les received	at a tempera	ture of >0° C t	to 6.0°C	Yes	\checkmark	No		NA 🗌	
5. Sa	ample(s) in p	proper conta	iner(s)?			Yes	\checkmark	No			
6. Su	ifficient sam	ple volume f	or indicated te	est(s)?		Yes	\checkmark	No			
7. Are	e samples (e	except VOA	and ONG) pro	operly preserve	ed?	Yes	\checkmark	No			
8. W	as preservat	tive added to	bottles?			Yes		No	✓	NA 🗌	
9. vc	OA vials have	e zero heads	space?			Yes		No		No VOA Vials 🗹	
			ers received b	roken?		Yes		NO			50
		rk match bol				Yes		No		# of preserved bottles checked for pH:	$\alpha o_i 1 q$
	2		ain of custody	5.//						(<2 c Adjusted?	r >12 unless noted)
				n of Custody?				No		Adjusted?	
		analyses we	ere requested	7		Yes Yes	\checkmark	No No		Checked by:	
			uthorization.)			res		INU			
Spec	ial Handli	ing (if app	olicable)								
15.W	as client no	tified of all di	screpancies	with this order?	•	Yes		No		NA 🗹	
	Person	Notified:	[Date:	[
	By Who	m:	[Via:	eMa	ail 🗌 F	hone	Fax	In Person	
	Regardi									n general a superando de sera a superando de sera a superando de sera de sera de sera de sera de sera de sera d	
	Client In	structions:									
16. A	dditional rer	marks:									
17. <u>c</u>	ooler Infor	mation									
	Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву		
	1	1.6	Good	Yes							
	2	1.0	Good	Yes						-	
	3	1.0	Good	Yes							
	4	1.0	Good	Yes							

U	hain	-of-Cu	Chain-of-Custody Record	Record	Turn-Around Time:	Time:				HAI	HALL ENVIRONMENTAL	IROL	MM	ł	AL	
Client:	Burnett	Burnett Oil Co., Inc	Q		□ Standard	□ Rush				AN	ANALYSIS		ABORATORY		R	
					Project Name:					MMM	www.hallenvironmental.com	ent	E			
Mailing Address:	Address				(TISS/EV	R 3-5			4901	4901 Hawkins NE	Т	Albuquerque, NM 87109	1 87109			
P.O. Boy	x 188 Lc	P.O. Box 188 Loco Hills, NM 88255	VM 88255		Project #:				Tel. 5	Tel. 505-345-3975	10	Fax 505-345-4107	4107			
Phone #:	. بند	432-425-2891	2891								Analysis Request	Request				
email or Fax#:	Fax#:	jtitsworth(jtitsworth@burnettoil.com	<u>som</u>	Project Manager:	ger:										
QA/QC Package:	ackage:															
□ Standard	Jard		🗆 Level 4 (F	Level 4 (Full Validation)	Johnny Titsworth	orth										
Accreditation:	ation: ∖P	□ Other_			Sampler: Kevi On Ice:	In Presh B.	- Frithel									or N)
🗆 EDD (Type)	(Type)				Sample Temperature:	perature: /.	Scoled 10		_				2) V)
Date	Time	Matrix	Sample	Sample Request ID	Container Type and #	, Preservative Type	HEAL NO.	Chloride	TPH 8015M			1				Air Bubbles
3/28/2019		soil	Spi	,1-;9	4 oz.	Ice	IQU-	X	xx							
		soil	-	1,2	4 oz.	Ice	-0/2.									
		soil		2 ~ 3	4 oz.	Ice	-007									1
		soil		304	4 oz.	lce	-004									
191		soil		4 ~ 5	4 oz.	lce	500-									
		soil		5-6	4 oz.	lce	- DDLo									
		soil		6.7	4 oz.	Ice	-007									
		soil	_	7-8	4 oz.	lce	-008	_								
		soil	A	6-8	4 oz.	lce	P00-	_					_			
		soil			4 oz.	lce		_	_							
		soil			4 oz.	lce		_								
		soil			4 92.	Ice		4								
Date: 1	Time:	Relinquished by:	:Aq pA:		Received by:		Jate Time		BTE)	total TPH <pre> </pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pre> <pr< td=""><td>Remarks: If total TPH exceeds 2,500 mg/kg - run deeper If total BTEX exceeds 50 mg/kg - run deeper sample</td><td>100 mg/kg un deepe</td><td>j - run d er samp</td><td>eeper le</td><td>sample. If total</td><td>al e</td></pr<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	Remarks: If total TPH exceeds 2,500 mg/kg - run deeper If total BTEX exceeds 50 mg/kg - run deeper sample	100 mg/kg un deepe	j - run d er samp	eeper le	sample. If total	al e
J26/19	Time:	Relinquished by:	py:		Received by:	C	1 Date Time いろ)えバイ いタファル				- 54					
If	necessary,	, samples subn	mitted to Hall Envir	ronmental may be sub	contracted to other ad	ccredited laboratorio	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.	s possibilit	ty. Any :	sub-contracted	data will be clearly	y notated on th	the analytic	al report.]

		www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109		∖nal				Dr N)	· ·	BTEX 80211 BTEX 80211													Remarks: If total TPH exceeds 2,500 mg/kg - run deeper sample. If total BTEX exceeds 50 mg/kg - run deeper sample If total	benzene exceeas 10 mg/kg - run aeeper sample	190 261 (de h 032014
			4								Chloride TPH 8015M	メメ									Þ	•		(A. 1977) 1. 2007 (1. 1977)	122/2	
Turn-Around Time:	Standard C Rush	ne: C	(TISSER 5 -)	Project #:		Project Manager:		Johnny Titsworth	Sampler: 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	12.32	Container Preservative HEAL No. Type and #	4 oz. Ice -010	4 oz. Ice - D1	4 oz. lce - 01.2	4 oz. Ice - 013	4 oz. Ice - DIU	4 oz. lce – D15	4 oz. Ice -Dilo	4 oz. Ice -0.17	4 oz. lce – D15	4 oz. Ice - 019	4 oz. Ice	4 oz. lce	Received by: Date Time	by: Date TI	(der h 032014
Chain-of-Custody Record		Pro	6		2891	jtitsworth@burnettoil.com Proj		Level 4 (Full Validation) John	Sample On Ice:	San	Sample Request ID	52 0-2	1 12 - 3	22 3	二十 4	4655	5006	N	200	69 - 90				1	id by: Received	
n-of-Cu	Burnett Oil Co., Inc		SS:	P.O. Box 188 Loco Hills, NM 88255	432-425-2891				□ Other		Matrix	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	soil	Relinquished by:	Relinquished by:	261
hair	Burnet		Mailing Address:	эх 188 I	#:	email or Fax#:	QA/QC Package:	Idard	itation: AP	EDD (Type)	Time													Time:	Time:	(J4)
0	Client:		Mailing	P.O. B(Phone #:	email c	QA/QC	□ Standard	Accreditation:		Date	3/28/2019									7			Date: 3/9/9/19	Date:	3/29/19

0	hain	-of-Cu	Istody	Chain-of-Custody Record	Turn-Around Time:	Time:	6 26				
Client:		Burnett Oil Co., Inc	JC			□ Rush	hows			ANAL ENVIRONMENTAL. ANALYSTS LABORATORY	
					Project Name:	ţ	ſ				
Mailing	Mailing Address:				(Tisston-	5-5 8	\mathcal{I}	49	4901 Hawkins NE	ns NE - Albuquerque, NM 87109	
P.O. Bc	X 188 Lo	P.O. Box 188 Loco Hills, NM 88255	VM 88255		Project #:			Щ Ц	Tel. 505-345-3975		
Phone #:	#: #	432-425-2891	2891							Anal	
email or Fax#:	r Fax#:	jtitsworth(jtitsworth@burnettoil.com	il.com	Project Manager:	ger:					
QA/QC	QA/QC Package:										
□ Standard	dard		Level 4	Level 4 (Full Validation)	Johnny Titsworth	orth					
Accreditation:	tation: ∆P				Sampler: K	Mer	- Tritic			(N -	(N -
	(Type)				Sample Temperature: 1/2	Derature: 1.10	Surface 102				юγ
						2	:	M	812) sa
Date	Time	Matrix	Sample	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	Chloride TPH 8015	BTEX 802		Air Bubble
3/28/2019		soil	Sp3	0 + 1	4 oz.	lce	-020	X X	X		
1-		soil	la la	1, 7	4 oz.	lce	-021				
-		soil	_	2 ~ 3	4 oz.	lce	-022				
		soil		3~4	4 oz.	lce	-023				
		soil		4 ~ 5	4 oz.	lce	-024				
		soil	A	5 ~6	4 oz.	lce	-025	A			
		soil			4 oz.	lce					
7		soil			4 oz.	lce					
		soil			4 oz.	lce					
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Date:	Time:	Religquished by:	d by:		Received by:	. \	Date Time 3/24/9 0730		TEX exce	Remarks: If total TPH exceeds 2,500 mg/kg - run deeper sample. If total BTEX exceeds 50 mg/kg - run deeper sample If total	
Slate: 1	Time:	Relinquished/by:	g/by:		Received by:		Date Time	ספוולפוופ	exceeds		
/11.01-	f hecessary,	samples subm	nitted to Hall En	nvironmental mav be subc	contracted to other ac	accredited laboratori	2 0920 es. This serves as notice of thi	s nossibility.	Anv sub-contr	f necessar samilis submitted to Hall Environmental may be submontracted to other accredited Jahoratories. This serves as notice of this messibility. Any sub-contracted data will be clearly notated on the analytical renort	