

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

May 30, 2019

Johnny Titsworth Burnett Oil Co Inc PO Box 188

Loco Hills, NM 88255 TEL: (432) 425-2891

FAX

RE: Water Flood OrderNo.: 1905A44

Dear Johnny Titsworth:

Hall Environmental Analysis Laboratory received 16 sample(s) on 5/21/2019 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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1905A44

Date Reported: 5/30/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 0'-1'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-001 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: smb
Chloride	ND	60	mg/Kg	20	5/28/2019 12:00:39 PM	45203
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: CLP
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	5/24/2019 10:57:44 AM	45165
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/24/2019 10:57:44 AM	45165
Surr: DNOP	101	70-130	%Rec	1	5/24/2019 10:57:44 AM	45165
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	5/22/2019 9:20:52 PM	45098
Surr: BFB	94.1	73.8-119	%Rec	1	5/22/2019 9:20:52 PM	45098

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **1905A44**

Date Reported: 5/30/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Project: Water Flood

Client Sample ID: Sp8 1'-2'

Collection Date: 5/18/2019

Lab ID: 1905A44-002 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: smb
Chloride	ND	60	mg/Kg	20	5/28/2019 12:13:04 F	PM 45203

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **1905A44**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 2'-3'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-003 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: smb
Chloride	180	60	mg/Kg	20	5/28/2019 12:50:17 F	PM 45203

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **1905A44**

Date Reported: 5/30/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 3'-4'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-004 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: MRA
Chloride	3100	150	mg/Kg	50	5/29/2019 6:47:58 PM	45203

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905A44

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 4'-5'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-005 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: smb
Chloride	390	59	mg/Kg	20	5/28/2019 1:15:06 PM	1 45203

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **1905A44**

Date Reported: 5/30/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 5'-6'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-006 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: smb
Chloride	300	60	mg/Kg	20	5/28/2019 1:27:31 PM	1 45203

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Collection Date: 5/18/2019

Lab Order 1905A44

Date Reported: 5/30/2019

Hall Environmental Analysis Laboratory, Inc.

Water Flood

Project:

CLIENT: Burnett Oil Co Inc Client Sample ID: Sp8 6'-7'

Lab ID: 1905A44-007 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: MRA
Chloride	3600	150	mg/Kg	50	5/29/2019 7:00:22 PM	45203

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **1905A44**

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp8 7'-8'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-008 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: smb
Chloride	260	60	mg/Kg	20	5/28/2019 1:52:21 PM	45203

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905A44

Date Reported: 5/30/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Project:

Water Flood

Client Sample ID: Sp10 0'-1'
Collection Date: 5/18/2019

Lab ID: 1905A44-009 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	750	61	mg/Kg	20	5/28/2019 2:04:45 PM	45203
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	: CLP
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	5/24/2019 2:58:31 PM	45165
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	5/24/2019 2:58:31 PM	45165
Surr: DNOP	118	70-130	%Rec	1	5/24/2019 2:58:31 PM	45165
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	5/22/2019 10:06:24 PM	45098
Surr: BFB	90.5	73.8-119	%Rec	1	5/22/2019 10:06:24 PM	45098

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905A44

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 1'-2'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-010 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qı	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: smb
Chloride	1500	60	mg/Kg	20	5/28/2019 2:17:09 PM	45203

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905A44

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 2'-3'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-011 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qu	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: smb
Chloride	2000	60	mg/Kg	20	5/28/2019 2:29:33 PM	45203

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905A44

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 3'-4'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-012 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: smb
Chloride	640	60	mg/Kg	20	5/28/2019 2:41:58 PM	45203

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

Qualifiers:

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

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order **1905A44**

Date Reported: 5/30/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 4'-5'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-013 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: MRA
Chloride	3600	150	mg/Kg	50	5/29/2019 7:12:46 PM	45203

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905A44

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 5'-6'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-014 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analy	st: MRA
Chloride	3100	150	mg/Kg	50	5/29/2019 7:25:11 PM	45203

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905A44

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 6'-7'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-015 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Qı	ıal Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: smb
Chloride	330	60	mg/Kg	20	5/28/2019 3:44:01 PM	45203

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab Order 1905A44

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 5/30/2019

CLIENT: Burnett Oil Co Inc

Client Sample ID: Sp10 7'-8'

Project: Water Flood

Collection Date: 5/18/2019

Lab ID: 1905A44-016 **Matrix:** SOIL **Received Date:** 5/21/2019 8:45:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: MRA
Chloride	4500	150	mg/Kg	50	5/29/2019 8:02:25 PM	45203

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905A44**

30-May-19

Client: Burnett Oil Co Inc

Project: Water Flood

Sample ID: MB-45203 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 45203 RunNo: 60221

Prep Date: 5/28/2019 Analysis Date: 5/28/2019 SeqNo: 2034946 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-45203 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 45203 RunNo: 60221

Prep Date: 5/28/2019 Analysis Date: 5/28/2019 SeqNo: 2034947 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 96.4 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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905A44**

30-May-19

Client: Burnett Oil Co Inc
Project: Water Flood

Sample ID: MB-45165 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 45165 RunNo: 60188 Units: mg/Kg Prep Date: 5/23/2019 Analysis Date: 5/24/2019 SeqNo: 2032896 Analyte 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 10.00 94.4 70 130 9.4

Sample ID: LCS-45165 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 45165 RunNo: 60188 Prep Date: 5/23/2019 Analysis Date: 5/24/2019 SeqNo: 2032897 Units: mg/Kg SPK value SPK Ref Val %REC Analyte PQL LowLimit HighLimit %RPD **RPDLimit** Qual

 Diesel Range Organics (DRO)
 47
 10
 50.00
 0
 93.1
 63.9
 124

 Surr: DNOP
 4.6
 5.000
 91.2
 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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905A44**

30-May-19

Client: Burnett Oil Co Inc

Project: Water Flood

Sample ID: MB-45098 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 45098 RunNo: 60074

Prep Date: 5/21/2019 Analysis Date: 5/22/2019 SeqNo: 2029102 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 920 1000 92.5 73.8 119

Sample ID: LCS-45098 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 45098 RunNo: 60074

1100

Prep Date: 5/21/2019 Analysis Date: 5/22/2019 SeqNo: 2029103 Units: mg/Kg

1000

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 5.0 25.00 0 97.0 80.1 123

108

73.8

119

Qualifiers:

Surr: BFB

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 Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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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: 1905A44 RcptNo: 1 Received By: Erin Melendrez 5/21/2019 8:45:00 AM 5/21/2019 11:03:39 AM Completed By: Yazmine Garduno 5/21/19 Reviewed By: 20 Chain of Custody No 🗌 1. Is Chain of Custody complete? Yes 🗸 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes 🗸 No NA . No 🗌 4. Were all samples received at a temperature of >0° C to 6.0°C Yes 🗸 NA 🗆 5. Sample(s) in proper container(s)? Yes 🗸 No 🗌 6. Sufficient sample volume for indicated test(s)? No 7. Are samples (except VOA and ONG) properly preserved? Yes No No 🗸 8. Was preservative added to bottles? Yes NA 🗌 9. VOA vials have zero headspace? Yes No VOA Vials No No 🗸 10. Were any sample containers received broken? Yes # of preserved bottles checked 11. Does paperwork match bottle labels? Yes 🗸 No for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) Adjusted? 12. Are matrices correctly identified on Chain of Custody? Yes No 13. Is it clear what analyses were requested? Yes 🗸 No Checked by: DAD 5721/19 14. Were all holding times able to be met? Yes 🗸 No (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No NA 🗸 Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Seal Intact Cooler No Temp °C Condition Seal No Seal Date Signed By 3.2 Good Yes 2 0.9 Good Yes 3 4.3 Good Yes

	tandard Rush ANALYSIS LABORATORY	www.hallenvironmental.com	WATERFULLO 4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975	Anal	(\psi \(\psi \)	SKO21	(Ga	11. PON 101 (1.8 PM) (1.10) (1.8 PM) (1.10) (1.8 PM) (1.10) (1.8 PM) (1.10) (1.10	Temperature: 3, 2, 6, 0, 9, 6, 4, 3, 6, 12, 13, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	ative HEAL No.	88 8 A A A A A A A A A A A A A A A A A	7007	-00400341, <12 Dn		500-	700-	, (W),	↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑			S/8/9 (GB) Remarks:	Courrier Date Timpour 2500 P
			490	Te								8		_	-							narks:	
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