

EOG Resources, Inc. Artesia Division Office 105 S. 4th Street Artesia, N. M. 88210

February 14, 2017

Mr. Mike Bratcher NMOCD District II 1625 French Drive Artesia, NM 88210

Re: Dee State Com Battery

2RP-3134 30-015-21881

Section 36, T19S-R24E Eddy County, New Mexico

Dear Mr. Bratcher:

EOG Y Resources, Inc. is submitting the enclosed work plan for the above captioned battery. The plan is being submitted to complete remediation of the release that occurred on June 22, 2015.

If there are no objections with the scope of work described in the plan, Yates will have a contractor begin work on or after the week of March 1, 2017.

If you have any questions call me at (575) 748-4217

Thank you.

EOG Y Resources, Inc.

Robert Asher

Environmental Supervisor

Enclosure(s)

EOG Y Resources, Inc. – Artesia Division Office

Dee State Com Battery Work Plan

Section 36, T19S-R24E

Eddy County, New Mexico

I. Location

The well is located approximately 23 miles south-southwest of Artesia, NM south of Rock Daisy Road, as represented by the attached Foster Ranch, NM, USGS Quadrangle Map.

II. Background

On June 22, 2015, formerly Yates Petroleum Corporation, now EOG Y submitted to the NMOCD District I office a Form C-141 for a release of 12 B/O with 10 B/O recovered. The total affected area is approximately 50 feet by 100 feet area within an unlined bermed battery. The release was from a hole in a production tank. Cleanup actions included vacuum truck (s) recovering 10 B/O of the 12 B/O released. All tanks (including the tank with the hole) have been moved off of the battery. Delineation samples were taken (3/14/2016) and sent to an NMOCD approved laboratory (results enclosed).

III. Surface and Ground Water

Area surface geology is Cenozoic Alluvium. Groundwater of record is listed on the Chevron Texaco Trend Map shows depth to groundwater approximately 250 feet making the site ranking for this site a zero (0). Groundwater of record is listed on the NMOSE shows depth to groundwater approximately 286 feet making the site ranking for this site a zero (0). Watercourses in the area are dry except for infrequent flows in response to major precipitation events.

The ranking for this site is zero (0) based on the as following:

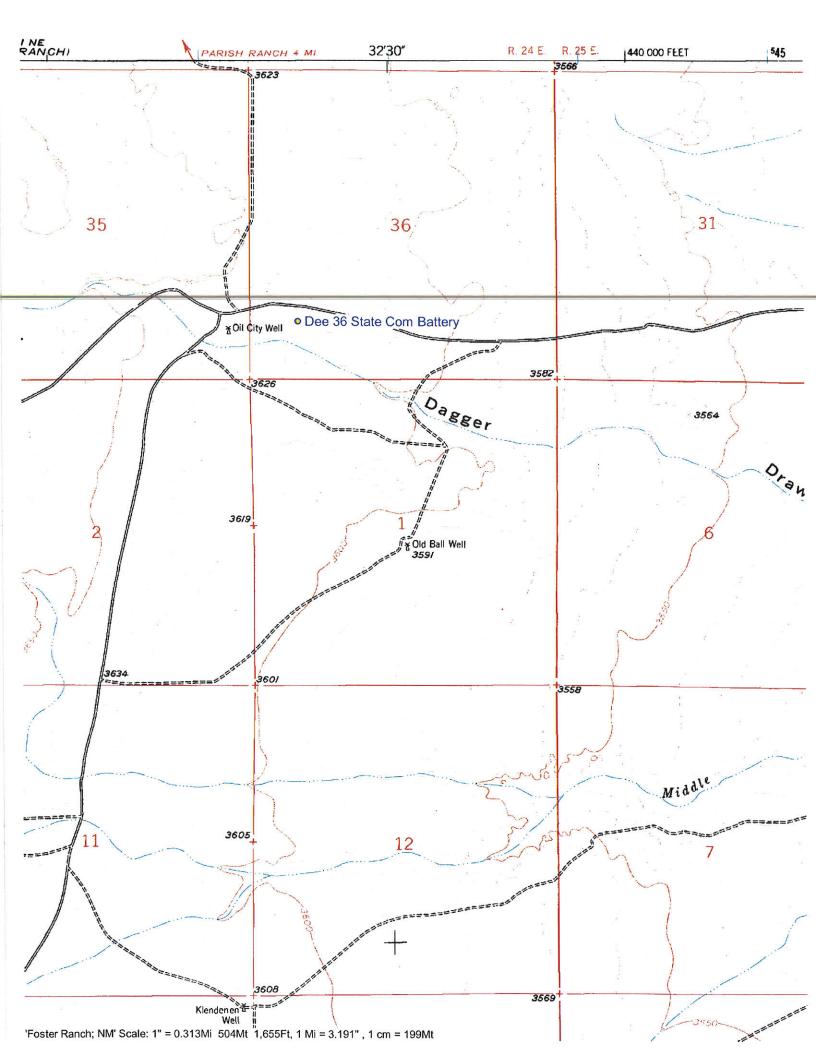
Depth to ground water > 100'
Wellhead Protection Area > 1000'
Distance to surface water body > 1000'

IV. Soils

The area consists of native soils, interspersed with caliche and clay seams providing a low permeability barrier to retard vertical percolation of contaminants into the subsurface.

V. Scope of Work

Based on all analytical results enclosed, EOG Y excavate four (4') feet of impacted soils within the release area designated in yellow and green on the enclosed sample diagram. Those soils will be taken to an approved NMOCD facility. When the excavation work is completed a 20 mil liner will be placed within the excavation to prevent vertical migration of contaminates below and approximately 4' of like soils to backfill the excavation. Once that work is completed the EOG Production department plans to the place a lined containment battery where the original battery was to ensure proper containment/prevention of, if any future releases from impacting the battery area. When the excavation/liner and backfill work is completed a C-141, Final Report will be submitted to the NMOCD and request closure of the site.





New Mexico Office of the State Engineer

Wells with Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)

(NAD83 UTM in meters)

X
Y
543220 3607973*

License Number 353

POD Number RA 05284 RA 03085 RA 07832
 Code
 Subbasin
 County ED
 Source Shallow
 6416 4 52 205 24E
 Sec Tws Rng 1 2 205 24E

 CH
 Shallow
 1 2 01 205 24E

 ED
 Shallow
 4 1 31 19S 25E

542613 3607799° 🚳 544438 3609170° 🚳

 1140
 06/24/1953
 07/06/1953
 11/19/1953

 1280
 08/02/1990
 08/02/1990
 10/23/1990

465 300 LONE STAR 220 0

982

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 543225

Northing (Y): 3608761

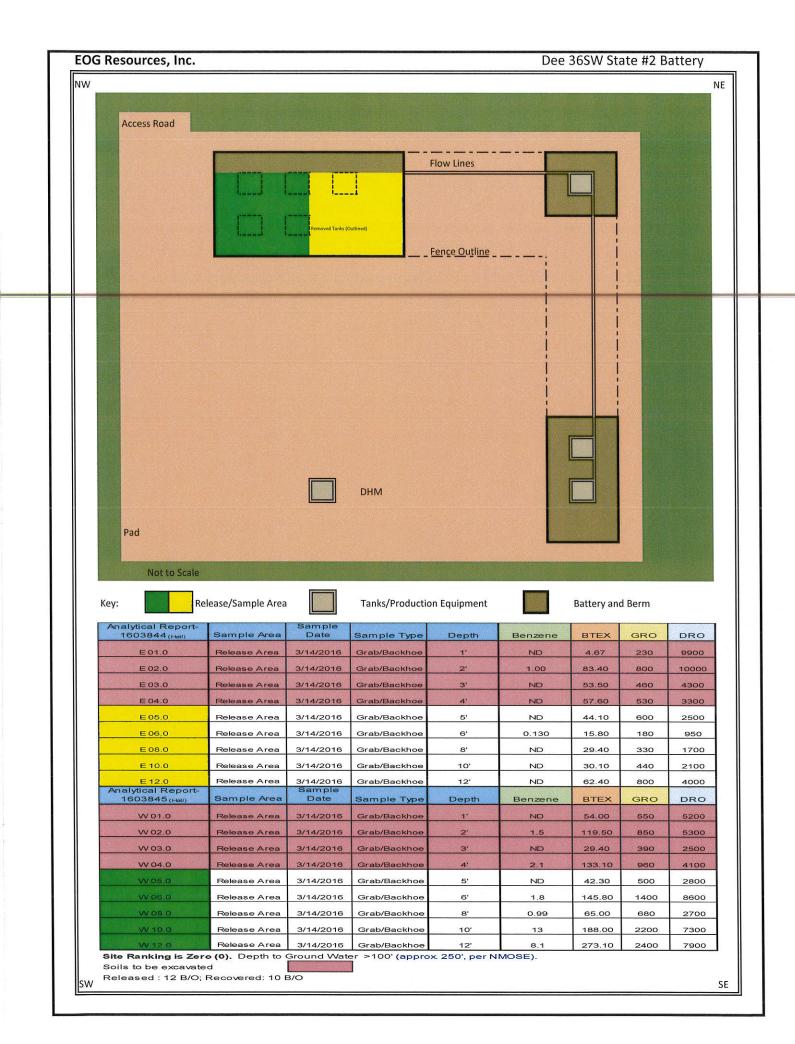
Radius: 2000

*UTM location was derived from PLSS - see He

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability or suitability for any particular purpose of the data.

2/14/17 8:26 AM

WELLS WITH WELL LOG INFORMATION





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

March 22, 2016

Robert Asher
Yates Petroleum Corporation
105 South Fourth Street
Artesia, NM 88210

TEL: (575) 748-4111

FAX

RE: Dee 36SW State #2 Battery OrderNo.: 1603844

Dear Robert Asher:

Hall Environmental Analysis Laboratory received 9 sample(s) on 3/16/2016 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 qualifers 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603844-001 Client Sample ID: E 01.0

Collection Date: 3/14/2016 9:25:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS	6				Anal	yst: KJH
Diesel Range Organics (DRO)	9900	1000		mg/Kg	100	3/21/2016 10:26:20	AM 24293
Surr: DNOP	0	70-130	S	%Rec	100	3/21/2016 10:26:20	AM 24293
EPA METHOD 8015D: GASOLINE RANG	E					Anal	yst: NSB
Gasoline Range Organics (GRO)	230	23		mg/Kg	5	3/18/2016 10:26:09	PM 24315
Surr: BFB	360	66.2-112	S	%Rec	5	3/18/2016 10:26:09	PM 24315
EPA METHOD 8021B: VOLATILES						Anal	yst: NSB
Benzene	ND	0.12		mg/Kg	5	3/18/2016 10:26:09	PM 24315
Toluene	0.57	0.23		mg/Kg	5	3/18/2016 10:26:09	PM 24315
Ethylbenzene	0.30	0.23		mg/Kg	5	3/18/2016 10:26:09	PM 24315
Xylenes, Total	3.8	0.46		mg/Kg	5	3/18/2016 10:26:09	PM 24315
Surr: 4-Bromofluorobenzene	132	80-120	S	%Rec	5	3/18/2016 10:26:09	PM 24315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 12
- P Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

1603844-002 Lab ID:

Client Sample ID: E 02.0

Collection Date: 3/14/2016 9:30:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF Date Analyzed Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS	6			Analyst: KJH
Diesel Range Organics (DRO)	10000	1000		mg/Kg	100 3/21/2016 10:48:09 AM 24293
Surr: DNOP	0	70-130	S	%Rec	100 3/21/2016 10:48:09 AM 24293
EPA METHOD 8015D: GASOLINE RAI	NGE				Analyst: NSB
Gasoline Range Organics (GRO)	800	97		mg/Kg	20 3/18/2016 10:49:36 PM 24315
Surr: BFB	258	66.2-112	S	%Rec	20 3/18/2016 10:49:36 PM 24315
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	1.0	0.48		mg/Kg	20 3/18/2016 10:49:36 PM 24315
Toluene	8.4	0.97		mg/Kg	20 3/18/2016 10:49:36 PM 24315
Ethylbenzene	16	0.97		mg/Kg	20 3/18/2016 10:49:36 PM 24315
Xylenes, Total	58	1.9		mg/Kg	20 3/18/2016 10:49:36 PM 24315
Surr: 4-Bromofluorobenzene	136	80-120	S	%Rec	20 3/18/2016 10:49:36 PM 24315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 12
- P Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Dee 36SW State #2 Battery Project:

Lab ID: 1603844-003 Client Sample ID: E 03.0

Collection Date: 3/14/2016 9:35:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	IGE ORGANICS	6				Analys	t: KJH
Diesel Range Organics (DRO)	4300	100		mg/Kg	10	3/18/2016 3:37:44 PM	24293
Surr: DNOP	0	70-130	S	%Rec	10	3/18/2016 3:37:44 PM	24293
EPA METHOD 8015D: GASOLINE RA	NGE					Analys	t: NSB
Gasoline Range Organics (GRO)	460	99		mg/Kg	20	3/18/2016 1:16:53 PM	24315
Surr: BFB	209	66.2-112	S	%Rec	20	3/18/2016 1:16:53 PM	24315
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.49		mg/Kg	20	3/18/2016 1:16:53 PM	24315
Toluene	5.5	0.99		mg/Kg	20	3/18/2016 1:16:53 PM	24315
Ethylbenzene	11	0.99		mg/Kg	20	3/18/2016 1:16:53 PM	24315
Xylenes, Total	37	2.0		mg/Kg	20	3/18/2016 1:16:53 PM	24315
Surr: 4-Bromofluorobenzene	152	80-120	S	%Rec	20	3/18/2016 1:16:53 PM	24315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Value above quantitation range
- Analyte detected below quantitation limits Page 3 of 12
- P Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Dee 36SW State #2 Battery

Lab ID: 1603

Project:

1603844-004

Client Sample ID: E 04.0

Collection Date: 3/14/2016 9:40:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS)				Analys	: KJH
Diesel Range Organics (DRO)	3300	95		mg/Kg	10	3/18/2016 4:20:48 PM	24293
Surr: DNOP	0	70-130	S	%Rec	10	3/18/2016 4:20:48 PM	24293
EPA METHOD 8015D: GASOLINE RA	NGE					Analys	: NSB
Gasoline Range Organics (GRO)	530	97		mg/Kg	20	3/18/2016 1:41:28 PM	24315
Surr: BFB	211	66.2-112	S	%Rec	20	3/18/2016 1:41:28 PM	24315
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	ND	0.48		mg/Kg	20	3/18/2016 1:41:28 PM	24315
Toluene	8.6	0.97		mg/Kg	20	3/18/2016 1:41:28 PM	24315
Ethylbenzene	12	0.97		mg/Kg	20	3/18/2016 1:41:28 PM	24315
Xylenes, Total	37	1.9		mg/Kg	20	3/18/2016 1:41:28 PM	24315
Surr: 4-Bromofluorobenzene	150	80-120	S	%Rec	20	3/18/2016 1:41:28 PM	24315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 4 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Dee 36SW State #2 Battery

Lab ID: 1603844-005

Project:

Client Sample ID: E 05.0

Collection Date: 3/14/2016 9:45:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANICS	6				Analys	:: KJH
Diesel Range Organics (DRO)	2500	97		mg/Kg	10	3/18/2016 5:03:53 PM	24293
Surr: DNOP	0	70-130	S	%Rec	10	3/18/2016 5:03:53 PM	24293
EPA METHOD 8015D: GASOLINE RAN	GE					Analys	NSB
Gasoline Range Organics (GRO)	600	96		mg/Kg	20	3/20/2016 7:51:44 AM	24315
Surr: BFB	251	66.2-112	S	%Rec	20	3/20/2016 7:51:44 AM	24315
EPA METHOD 8021B: VOLATILES						Analys	: NSB
Benzene	ND	0.48		mg/Kg	20	3/20/2016 7:51:44 AM	24315
Toluene	5.4	0.96		mg/Kg	20	3/20/2016 7:51:44 AM	24315
Ethylbenzene	9.7	0.96		mg/Kg	20	3/20/2016 7:51:44 AM	24315
Xylenes, Total	29	1.9		mg/Kg	20	3/20/2016 7:51:44 AM	24315
Surr: 4-Bromofluorobenzene	129	80-120	S	%Rec	20	3/20/2016 7:51:44 AM	24315

Matrix: SOIL

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

- 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
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 5 of 12
- P Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603844-006 Client Sample ID: E 06.0

Collection Date: 3/14/2016 9:50:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS	S				Analyst	: KJH
Diesel Range Organics (DRO)	950	100		mg/Kg	10	3/18/2016 5:47:16 PM	24293
Surr: DNOP	0	70-130	S	%Rec	10	3/18/2016 5:47:16 PM	24293
EPA METHOD 8015D: GASOLINE RAN	NGE					Analyst	NSB
Gasoline Range Organics (GRO)	180	24		mg/Kg	5	3/20/2016 8:15:18 AM	24315
Surr: BFB	220	66.2-112	S	%Rec	5	3/20/2016 8:15:18 AM	24315
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	0.13	0.12		mg/Kg	5	3/20/2016 8:15:18 AM	24315
Toluene	2.4	0.24		mg/Kg	5	3/20/2016 8:15:18 AM	24315
Ethylbenzene	3.4	0.24		mg/Kg	5	3/20/2016 8:15:18 AM	24315
Xylenes, Total	10	0.47		mg/Kg	5	3/20/2016 8:15:18 AM	24315
Surr: 4-Bromofluorobenzene	135	80-120	S	%Rec	5	3/20/2016 8:15:18 AM	24315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 6 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603844-007

Client Sample ID: E 08.0

Collection Date: 3/14/2016 9:55:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS	3				Analyst	: KJH
Diesel Range Organics (DRO)	1700	100		mg/Kg	10	3/18/2016 6:30:34 PM	24293
Surr: DNOP	0	70-130	S	%Rec	10	3/18/2016 6:30:34 PM	24293
EPA METHOD 8015D: GASOLINE RAN	IGE					Analyst	NSB
Gasoline Range Organics (GRO)	330	99		mg/Kg	20	3/18/2016 4:33:04 PM	24315
Surr: BFB	181	66.2-112	S	%Rec	20	3/18/2016 4:33:04 PM	24315
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.50		mg/Kg	20	3/18/2016 4:33:04 PM	24315
Toluene	2.9	0.99		mg/Kg	20	3/18/2016 4:33:04 PM	24315
Ethylbenzene	6.5	0.99		mg/Kg	20	3/18/2016 4:33:04 PM	24315
Xylenes, Total	20	2.0		mg/Kg	20	3/18/2016 4:33:04 PM	24315
Surr: 4-Bromofluorobenzene	140	80-120	S	%Rec	20	3/18/2016 4:33:04 PM	24315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 7 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603844-008

Client Sample ID: E 10.0

Collection Date: 3/14/2016 10:00:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	SE ORGANICS	S				Analyst	: KJH
Diesel Range Organics (DRO)	2100	94		mg/Kg	10	3/18/2016 7:13:46 PM	24293
Surr: DNOP	0	70-130	S	%Rec	10	3/18/2016 7:13:46 PM	24293
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	NSB
Gasoline Range Organics (GRO)	440	97		mg/Kg	20	3/20/2016 8:38:48 AM	24315
Surr: BFB	213	66.2-112	S	%Rec	20	3/20/2016 8:38:48 AM	24315
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.48		mg/Kg	20	3/20/2016 8:38:48 AM	24315
Toluene	3.4	0.97		mg/Kg	20	3/20/2016 8:38:48 AM	24315
Ethylbenzene	6.7	0.97		mg/Kg	20	3/20/2016 8:38:48 AM	24315
Xylenes, Total	20	1.9		mg/Kg	20	3/20/2016 8:38:48 AM	24315
Surr: 4-Bromofluorobenzene	121	80-120	S	%Rec	20	3/20/2016 8:38:48 AM	24315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 8 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603844

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603844-009

Client Sample ID: E 12.0

Collection Date: 3/14/2016 10:05:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	6	210			Analyst	: KJH
Diesel Range Organics (DRO)	4000	96		mg/Kg	10	3/18/2016 7:56:56 PM	24293
Surr: DNOP	0	70-130	S	%Rec	10	3/18/2016 7:56:56 PM	24293
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	NSB
Gasoline Range Organics (GRO)	800	96		mg/Kg	20	3/20/2016 9:02:21 AM	24315
Surr: BFB	284	66.2-112	S	%Rec	20	3/20/2016 9:02:21 AM	24315
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.48		mg/Kg	20	3/20/2016 9:02:21 AM	24315
Toluene	7.4	0.96		mg/Kg	20	3/20/2016 9:02:21 AM	24315
Ethylbenzene	14	0.96		mg/Kg	20	3/20/2016 9:02:21 AM	24315
Xylenes, Total	41	1.9		mg/Kg	20	3/20/2016 9:02:21 AM	24315
Surr: 4-Bromofluorobenzene	135	80-120	S	%Rec	20	3/20/2016 9:02:21 AM	24315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 9 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603844 22-Mar-16

Client: Yates Petroleum Corporation Project: Dee 36SW State #2 Battery

Sample ID LCS-24293 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 24293 RunNo: 32883 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008134 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 46 10 50.00 91.8 65.8 136 Surr: DNOP 3.9 5.000 77.0 70 130

Sample ID MB-24293 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: Batch ID: 24293 RunNo: 32883 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008136 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Surr: DNOP 8.5 10.00 85.5 70 130

Sample ID LCS-24325 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 24325 RunNo: 32886 Prep Date: 3/18/2016 Analysis Date: 3/18/2016 SeqNo: 1008166 Units: %Rec SPK value SPK Ref Val Analyte Result %REC LowLimit HighLimit %RPD **RPDLimit** Qual Surr: DNOP 4.3 5.000 85.1 70 130

Sample ID MB-24325 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Batch ID: 24325 Client ID: **PBS** RunNo: 32886 SeqNo: 1008167 Prep Date: 3/18/2016 Analysis Date: 3/18/2016 Units: %Rec Result Analyte PQL SPK value SPK Ref Val %REC %RPD LowLimit HighLimit **RPDLimit** Qual Surr: DNOP 8.3 10.00 83.0 130

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix S
- В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analyte detected in the associated Method Blank

Page 10 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603844

22-Mar-16

Client: Project:

Analyte

Yates Petroleum Corporation Dee 36SW State #2 Battery

Sample ID MB-24315

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS

Batch ID: 24315

PQL

5.0

RunNo: 32910

Prep Date: 3/17/2016 Analysis Date: 3/18/2016

%REC

Units: mg/Kg HighLimit

Result

SeqNo: 1008676

RPDLimit

Qual

Gasoline Range Organics (GRO)

ND 940

1000

SPK value SPK Ref Val

SPK value SPK Ref Val

94.2

66.2

%RPD

%RPD

Surr: BFB

SampType: LCS

Sample ID LCS-24315

Batch ID: 24315

PQL

5.0

RunNo: 32910

TestCode: EPA Method 8015D: Gasoline Range

HighLimit

112

Client ID: Prep Date: 3/17/2016

LCSS

Analysis Date: 3/18/2016

SeqNo: 1008677

%REC

Units: mg/Kg

Qual

RPDLimit

Analyte Gasoline Range Organics (GRO) Surr: BFB

25 1000

Result

25.00 1000

0 99.3 102

80 66.2

LowLimit

LowLimit

120 112

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits S % Recovery outside of range due to dilution or matrix В Analyte detected in the associated Method Blank

Е Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Page 11 of 12

Hall Environmental Analysis Laboratory, Inc.

WO#: 1603844

22-Mar-16

Client:

Yates Petroleum Corporation

Project:

Dee 36SW State #2 Battery

Sample ID MB-24315	SampT	ype: ME	BLK	TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch	n ID: 24	315	F	RunNo: 3	2910					
Prep Date: 3/17/2016	Analysis D	ate: 3/	ate: 3/18/2016 SeqNo: 1008701 U				01 Units: mg/Kg				
Analyte	Result	Result PQL SPK value SPK Ref Val %REC LowLimit I				HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND 0.10										
Surr: 4-Bromofluorobenzene 1.2 1.000				117	80	120					

Sample ID LCS-24315	SampT	ype: LC	s	TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch	n ID: 24 :	315	F	RunNo: 32910						
Prep Date: 3/17/2016	Analysis D	ate: 3/	18/2016	\$	SeqNo: 1	008702	Units: mg/k	its: mg/Kg			
Analyte	Result	PQL	SPK value	PK value SPK Ref Val %REC LowLimit				%RPD	RPDLimit	Qual	
Benzene	0.90	0.025	1.000	0	89.6	80	120				
Toluene	0.97	0.050	1.000	0	97.2	80	120				
Ethylbenzene	0.98	0.050	1.000	0 98.4 80		80	120				
Xylenes, Total	3.0	0.10	3.000	0	99.5	80	120				
Surr: 4-Bromofluorobenzene	1.2		1.000		119	80	120				

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded H
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Page 12 of 12



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:	Yates Petroleum	Corpora	Work Order Numb	er: 16038	44			RcptN	o: 1	
! F	Received by/date	3	<u> </u>	03/16/16			-	•••			
Ĺ	.ogged By:	Lindsay Mangi	n	3/16/2016 9:55:00 A	M		July 4	Hogo			
	Completed By:	Lindsay Mangi		3/16/2016 2:52:41 P			Ambut.	llesson			
	Reviewed By:	B		13/17/	6		05.	0			
C	hain of Cus	tody			<u></u>				<u> </u>		
		ls intact on sample	e bottles?		Yes		No		Not Present		
		ustody complete?			Yes	V	No		Not Present]	
		sample delivered			Cour						
ı	og In										
		mpt made to cool	the samples	?	Yes	V	No		NA [
į	5. Were all sam	nples received at a	a temperature	e of >0° C to 6.0°C	Yes	V	No		NA 🗆]	
8	6. Sample(s) ir	n proper container	(s)?		Yes	\checkmark	No				
	7. Sufficient sa	mple volume for ir	ndicated test(s)?	Yes	\checkmark	No				
	8. Are samples	(except VOA and	ONG) prope	rly preserved?	Yes	✓	No				
	9. Was preserv	ative added to bo	ttles?		Yes		No	✓	NA []	
•	10.VOA vials ha	ave zero headspac	ce?		Yes		No		No VOA Vials	Z	
	11. Were any sa	ample containers r	received brok	en?	Yes		No	V			
•		vork match bottle pancies on chain o			Yes	✓	No		# of preserved bottles checked for pH:	2 or >12 unle	ess noted)
4		correctly identifie	37.00	f Custody?	Yes	V	No		Adjusted?		
		at analyses were		•	Yes	V	No				
•		ding times able to customer for auth			Yes	\checkmark	No		Checked b	y:	
<u>s</u>	pecial Hand	lling (if applic	able)								
	16. Was client n	otified of all discre	epancies with	this order?	Yes		No		NA 8		
	Person	n Notified:	MARKET NEW YORK TO STREET NAMED IN COLUMN VALUE OF THE PARKET OF THE PAR	Date	, 			MAPPE			
	By Wh			Via:	eM	ail 🗌	Phone	Fax	In Person		
	Regar	ding:		Tax 250 Mills on to 100 Mills of the land						-	
	Client	Instructions:									
	17. Additional r	emarks:									
() ·	18. Cooler Info	1.1 Go	ood Y	Seal Intact Seal No	Seal D	ate	Signed I	Ву			
	Page 1 o	1 10									

RONMENTAL		<u>o</u>						(N	.00	J.) :	Air Bubbles														
LENVIRONMENTAL	mo	Albuquerque, NM 87109	Fax 505-345-4107						(AC		mə2) 0728								\downarrow						
ZON AB	www.hallenvironmental.com	que, N	345	quest	ş	CB,	7 b	808	/ 80		8081 Pestio	\dashv				_	-	\dashv	-	\dashv	-	-			
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HALL ENV	allen	1		Analysis Request				(1)	_	-	RCRA 8 Me				_			_	_	4	-	_			
HALL	ww.h	4901 Hawkins NE	Tel. 505-345-3975	Ø				-			EDB (Metha AN9) 0168				-	+					1	+			
Ì	ξ =	awkin	5-34								TPH (Meth														
		301 H	el. 50		ese		-				oriteM H9T	×	×	×	×	×	×	×	×	×					
		4	-		_	on the last	Constitution of the last	-	-		TM + X3T8 TM + X3T8	×	×	×	×	×	×	×	×	×	-	_			
•	T				No.	061		GVVJ		30.	TM . VITO	$\hat{}$	$\hat{}$	$\widehat{}$		$\hat{}$		$\hat{}$	\exists			-		10	
									D No	-1.0cF-1.1	HEAL NO.	18	100	-003	400	-022	-00%	-03F	P P P	De la			Date Time	110	Date Time
Time:		Dee 36SW State #2 Battery			ger:	e.			X Yes	Temperature: 2-/-	Preservative Type	93	<u>8</u>	lce	lce	eol	<u>8</u>	<u>8</u>	93	lce				nt 03/14	
Turn-Around Time:	Project Name:	Dee 36SW S	Project #:	30-015-21881	Project Manager:	Robert Asher	PO# 205632	Sampler: Robert Asher	On Ice:	Sample Temp	Container Type and #	1 - 4oz.	1 - 4oz.	1 - 4oz.	1 - 4oz.	1 - 4oz.	1 - 402.	1 - 4oz.	1 - 402.	1 - 402.			Received by:	JAV. Coll.	Received by:
Chain-of-Custody Record		105 South 4th Street			ı.com		□ Level 4 (Full Validation)				Sample Request ID	E 01.0	E 02.0	E 03.0	E 04.0	E 05.0	E 06.0	E 08.0	E10.0	E12.0				· 1010	ed by:
Cust		South 4		217	etroleum				□ Other		Matrix	Sail	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			Relinquished by		Relinquished by:
Chain-of-Custody			rtesia, NM 88210	10ne #: (575) 748-4217	nail: boba@yatespetroleum.com	kage:	O	on:		ype)	Time	9:25 AM	9:30 AM	9:35 AM	9:40 AM	9:45 AM	9:50 AM	9:55 AM	10:00 AM	10:05 AM			Time:	12:17 PM	Time:
ient: Yat		ailing Address:	rtesia, N	Tone #: (nail: bok	VQC Package:	Standard	creditation:	NELAP	EDD (Type)	Date	3/14/15	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16	,		ite:	3/15/16	ite:



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

OrderNo.: 1603845

March 22, 2016

Robert Asher Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210

FAX

RE: Dee 36SW State #2 Battery

Dear Robert Asher:

TEL: (575) 748-4111

Hall Environmental Analysis Laboratory received 9 sample(s) on 3/16/2016 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 qualifers 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 #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603845-001

Client Sample ID: W 01.0

Collection Date: 3/14/2016 10:10:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 8015M/D: DIESEL RANG	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							
Diesel Range Organics (DRO)	5200	93		mg/Kg	10	3/19/2016 11:46:54 AM	24293	
Surr: DNOP	0	70-130	S	%Rec	10	3/19/2016 11:46:54 AM	24293	
EPA METHOD 8015D: GASOLINE RAN	GE					Analyst	NSB	
Gasoline Range Organics (GRO)	550	96		mg/Kg	20	3/18/2016 5:46:51 PM	24315	
Surr: BFB	213	66.2-112	S	%Rec	20	3/18/2016 5:46:51 PM	24315	
EPA METHOD 8021B: VOLATILES						Analyst	: NSB	
Benzene	ND	0.48		mg/Kg	20	3/18/2016 5:46:51 PM	24315	
Toluene	9.1	0.96		mg/Kg	20	3/18/2016 5:46:51 PM	24315	
Ethylbenzene	6.9	0.96		mg/Kg	20	3/18/2016 5:46:51 PM	24315	
Xylenes, Total	38	1.9		mg/Kg	20	3/18/2016 5:46:51 PM	24315	
Surr: 4-Bromofluorobenzene	142	80-120	S	%Rec	20	3/18/2016 5:46:51 PM	24315	

Matrix: SOIL

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

- * 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
- R RPD outside accepted recovery limits
- 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 Page 1 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603845-002 Client Sample ID: W 02.0

Collection Date: 3/14/2016 10:15:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG	E ORGANIC	S				Analyst	:: KJH
Diesel Range Organics (DRO)	5300	97		mg/Kg	10	3/19/2016 12:29:10 PM	1 24293
Surr: DNOP	0	70-130	S	%Rec	10	3/19/2016 12:29:10 PM	24293
EPA METHOD 8015D: GASOLINE RANG	GE		-			Analys	NSB
Gasoline Range Organics (GRO)	850	95		mg/Kg	20	3/18/2016 6:11:31 PM	24315
Surr: BFB	228	66.2-112	S	%Rec	20	3/18/2016 6:11:31 PM	24315
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	1.5	0.48		mg/Kg	20	3/18/2016 6:11:31 PM	24315
Toluene	30	0.95		mg/Kg	20	3/18/2016 6:11:31 PM	24315
Ethylbenzene	14	0.95		mg/Kg	20	3/18/2016 6:11:31 PM	24315
Xylenes, Total	74	1.9		mg/Kg	20	3/18/2016 6:11:31 PM	24315
Surr: 4-Bromofluorobenzene	150	80-120	S	%Rec	20	3/18/2016 6:11:31 PM	24315

Matrix: SOIL

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

- 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
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 12
- P Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603845-003

Client Sample ID: W 03.0

Collection Date: 3/14/2016 10:20:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG		Analys	:: KJH				
Diesel Range Organics (DRO)	2500	98		mg/Kg	10	3/19/2016 1:11:30 PM	24293
Surr: DNOP	0	70-130	S	%Rec	10	3/19/2016 1:11:30 PM	24293
EPA METHOD 8015D: GASOLINE RAN	GE					Analys	NSB
Gasoline Range Organics (GRO)	390	96		mg/Kg	20	3/20/2016 9:26:02 AM	24315
Surr: BFB	196	66.2-112	S	%Rec	20	3/20/2016 9:26:02 AM	24315
EPA METHOD 8021B: VOLATILES						Analys	: NSB
Benzene	ND	0.48		mg/Kg	20	3/20/2016 9:26:02 AM	24315
Toluene	4.9	0.96		mg/Kg	20	3/20/2016 9:26:02 AM	24315
Ethylbenzene	4.5	0.96		mg/Kg	20	3/20/2016 9:26:02 AM	24315
Xylenes, Total	20	1.9		mg/Kg	20	3/20/2016 9:26:02 AM	24315
Surr: 4-Bromofluorobenzene	125	80-120	S	%Rec	20	3/20/2016 9:26:02 AM	24315

Matrix: SOIL

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

- * 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
- R RPD outside accepted recovery limits
- 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 Page 3 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603845-004

Client Sample ID: W 04.0

Collection Date: 3/14/2016 10:25:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 8015M/D: DIESEL RANG	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							
Diesel Range Organics (DRO)	4100	97		mg/Kg	10	3/19/2016 1:54:02 PM	24293	
Surr: DNOP	0	70-130	S	%Rec	10	3/19/2016 1:54:02 PM	24293	
EPA METHOD 8015D: GASOLINE RAN	GE					Analys	NSB	
Gasoline Range Organics (GRO)	960	250		mg/Kg	50	3/18/2016 7:00:26 PM	24315	
Surr: BFB	150	66.2-112	S	%Rec	50	3/18/2016 7:00:26 PM	24315	
EPA METHOD 8021B: VOLATILES						Analys	: NSB	
Benzene	2.1	1.2		mg/Kg	50	3/18/2016 7:00:26 PM	24315	
Toluene	35	2.5		mg/Kg	50	3/18/2016 7:00:26 PM	24315	
Ethylbenzene	25	2.5		mg/Kg	50	3/18/2016 7:00:26 PM	24315	
Xylenes, Total	71	4.9		mg/Kg	50	3/18/2016 7:00:26 PM	24315	
Surr: 4-Bromofluorobenzene	136	80-120	S	%Rec	50	3/18/2016 7:00:26 PM	24315	

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 4 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603845-005

Client Sample ID: W 05.0

Collection Date: 3/14/2016 10:30:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF Date Analyzed Bat	tch
EPA METHOD 8015M/D: DIESEL RANGE		Analyst: KJ i	Н			
Diesel Range Organics (DRO)	2800	97		mg/Kg	10 3/19/2016 2:36:45 PM 242	293
Surr: DNOP	0	70-130	S	%Rec	10 3/19/2016 2:36:45 PM 242	293
EPA METHOD 8015D; GASOLINE RANG	Ε				Analyst: NS	В
Gasoline Range Organics (GRO)	500	99		mg/Kg	20 3/20/2016 9:49:39 AM 243	315
Surr: BFB	215	66.2-112	S	%Rec	20 3/20/2016 9:49:39 AM 243	315
EPA METHOD 8021B: VOLATILES					Analyst: NS	B
Benzene	ND	0.50		mg/Kg	20 3/20/2016 9:49:39 AM 243	315
Toluene	8.2	0.99		mg/Kg	20 3/20/2016 9:49:39 AM 243	315
Ethylbenzene	8.1	0.99		mg/Kg	20 3/20/2016 9:49:39 AM 243	315
Xylenes, Total	26	2.0		mg/Kg	20 3/20/2016 9:49:39 AM 243	315
Surr: 4-Bromofluorobenzene	133	80-120	S	%Rec	20 3/20/2016 9:49:39 AM 243	315

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 5 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1

1603845-006

Client Sample ID: W 06.0

Collection Date: 3/14/2016 10:35:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF Date Analyzed Bar	atch
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS			Analyst: KJ	JH	
Diesel Range Organics (DRO)	6800	100		mg/Kg	10 3/19/2016 3:19:32 PM 242	1294
Surr: DNOP	0	70-130	S	%Rec	10 3/19/2016 3:19:32 PM 242	1294
EPA METHOD 8015D: GASOLINE RANG	E				Analyst: NS	SB
Gasoline Range Organics (GRO)	1400	99		mg/Kg	20 3/18/2016 12:14:03 PM 243	1316
Surr: BFB	317	66.2-112	S	%Rec	20 3/18/2016 12:14:03 PM 243	1316
EPA METHOD 8021B: VOLATILES					Analyst: NS	SB
Benzene	1.8	0.50		mg/Kg	20 3/18/2016 12:14:03 PM 243	1316
Toluene	35	0.99		mg/Kg	20 3/18/2016 12:14:03 PM 24:	1316
Ethylbenzene	26	0.99		mg/Kg	20 3/18/2016 12:14:03 PM 243	1316
Xylenes, Total	83	2.0		mg/Kg	20 3/18/2016 12:14:03 PM 24	1316
Surr: 4-Bromofluorobenzene	151	80-120	S	%Rec	20 3/18/2016 12:14:03 PM 24:	1316

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- 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 Page 6 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603845-007 Client Sample ID: W 08.0

Collection Date: 3/14/2016 10:40:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RAN			Analys	:: KJH			
Diesel Range Organics (DRO)	2700	96		mg/Kg	10	3/19/2016 4:02:26 PM	24294
Surr: DNOP	0	70-130	S	%Rec	10	3/19/2016 4:02:26 PM	24294
EPA METHOD 8015D: GASOLINE RAI	NGE					Analys	NSB
Gasoline Range Organics (GRO)	680	49		mg/Kg	10	3/18/2016 12:37:33 PM	24316
Surr: BFB	330	66.2-112	S	%Rec	10	3/18/2016 12:37:33 PM	24316
EPA METHOD 8021B: VOLATILES						Analys	: NSB
Benzene	0.99	0.25		mg/Kg	10	3/18/2016 12:37:33 PM	24316
Toluene	15	0.49		mg/Kg	10	3/18/2016 12:37:33 PM	24316
Ethylbenzene	13	0.49		mg/Kg	10	3/18/2016 12:37:33 PM	24316
Xylenes, Total	37	0.99		mg/Kg	10	3/18/2016 12:37:33 PM	1 24316
Surr: 4-Bromofluorobenzene	154	80-120	S	%Rec	10	3/18/2016 12:37:33 PM	1 24316

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 7 of 12
- Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603845-008 Client Sample ID: W 10.0

Collection Date: 3/14/2016 10:45:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL (Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG			Analyst	: KJH			
Diesel Range Organics (DRO)	7300	100		mg/Kg	10	3/19/2016 4:45:24 PM	24294
Surr: DNOP	0	70-130	S	%Rec	10	3/19/2016 4:45:24 PM	24294
EPA METHOD 8015D; GASOLINE RAN	IGE					Analyst	NSB
Gasoline Range Organics (GRO)	2200	93		mg/Kg	20	3/18/2016 6:31:31 PM	24316
Surr: BFB	371	66.2-112	S	%Rec	20	3/18/2016 6:31:31 PM	24316
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	13	0.47		mg/Kg	20	3/18/2016 6:31:31 PM	24316
Toluene	77	0.93		mg/Kg	20	3/18/2016 6:31:31 PM	24316
Ethylbenzene	48	0.93		mg/Kg	20	3/18/2016 6:31:31 PM	24316
Xylenes, Total	120	1.9		mg/Kg	20	3/18/2016 6:31:31 PM	24316
Surr: 4-Bromofluorobenzene	150	80-120	S	%Rec	20	3/18/2016 6:31:31 PM	24316

Matrix: SOIL

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

- 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
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 8 of 12 J
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Lab Order 1603845

Date Reported: 3/22/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Yates Petroleum Corporation

Project: Dee 36SW State #2 Battery

Lab ID: 1603845-009

Client Sample ID: W 12.0

Collection Date: 3/14/2016 10:50:00 AM

Received Date: 3/16/2016 9:55:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANG			Analys	t: KJH			
Diesel Range Organics (DRO)	7900	96		mg/Kg	10	3/19/2016 5:28:33 PM	24294
Surr: DNOP	0	70-130	S	%Rec	10	3/19/2016 5:28:33 PM	24294
EPA METHOD 8015D: GASOLINE RAN	GE					Analys	: NSB
Gasoline Range Organics (GRO)	2400	95		mg/Kg	20	3/18/2016 6:55:00 PM	24316
Surr: BFB	449	66.2-112	S	%Rec	20	3/18/2016 6:55:00 PM	24316
EPA METHOD 8021B: VOLATILES						Analys	t: NSB
Benzene	8.1	0.48		mg/Kg	20	3/18/2016 6:55:00 PM	24316
Toluene	76	0.95		mg/Kg	20	3/18/2016 6:55:00 PM	24316
Ethylbenzene	49	0.95		mg/Kg	20	3/18/2016 6:55:00 PM	24316
Xylenes, Total	140	1.9		mg/Kg	20	3/18/2016 6:55:00 PM	24316
Surr: 4-Bromofluorobenzene	155	80-120	S	%Rec	20	3/18/2016 6:55:00 PM	24316

Matrix: SOIL

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

- * 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
- R RPD outside accepted recovery limits
- 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 Page 9 of 12
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603845

22-Mar-16

Client: Project: Yates Petroleum Corporation Dee 36SW State #2 Battery

Sample ID LCS-24293 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 24293 RunNo: 32883 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008134 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 46 91.8 10 50.00 65.8 136 Surr: DNOP 3.9 5.000 77.0 70 130

Sample ID LCS-24294 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 24294 RunNo: 32883 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008135 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC %RPD LowLimit HighLimit **RPDLimit** Qual Diesel Range Organics (DRO) 47 10 50.00 0 94.3 65.8 136 Surr: DNOP 3.8 5.000 76.8 70 130

Sample ID MB-24293 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 24293 RunNo: 32883 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008136 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit Analyte Result PQL HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Surr: DNOP 8.5 10.00 85.5 70 130

Sample ID MB-24294 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: **PBS** Batch ID: 24294 RunNo: 32883 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008137 Units: mg/Kg PQL SPK value SPK Ref Val %REC Analyte Result LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) ND 10 Surr: DNOP 10.00 8.6 86.1 70 130

Sample ID LCS-24325 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 24325 RunNo: 32886 Prep Date: 3/18/2016 Analysis Date: 3/18/2016 SeqNo: 1008166 Units: %Rec Result SPK value SPK Ref Val %REC **RPDLimit** Analyte PQL LowLimit %RPD HighLimit Qual Surr: DNOP 4.3 5.000 85.1 70 130

Sample ID MB-24325 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 24325 RunNo: 32886 Prep Date: 3/18/2016 Analysis Date: 3/18/2016 SeqNo: 1008167 Units: %Rec Analyte SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Surr: DNOP 8.3 10.00 83.0 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

R RPD outside accepted recovery limits

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

Page 10 of 12

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603845

22-Mar-16

Client:

Yates Petroleum Corporation

Project:

Dee 36SW State #2 Battery

Sample ID MB-24316

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client ID:

PBS

Batch ID: 24316

RunNo: 32893

Prep Date: 3/17/2016

PQL

5.0

%REC

112

Analyte

Analysis Date: 3/18/2016

SeqNo: 1008621

Units: mg/Kg HighLimit

Qual

Gasoline Range Organics (GRO)

ND

SPK value SPK Ref Val

SPK value SPK Ref Val

106

RPDLimit

1100

Result

1000

66.2

Surr: BFB

SampType: LCS

Analysis Date: 3/18/2016

0

%RPD

%RPD

Sample ID LCS-24316

LCSS

Result

26

1100

25.00

1000

1000

80

66.2

TestCode: EPA Method 8015D: Gasoline Range

Client ID: Prep Date: 3/17/2016

Batch ID: 24316

RunNo: 32893

%REC

103

114

SeqNo: 1008622

LowLimit

LowLimit

Units: mg/Kg

120

112

HighLimit

RPDLimit Qual

Surr: BFB

Analyte

SampType: MBLK

5.0

TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS

Sample ID MB-24315

Prep Date: 3/17/2016

Gasoline Range Organics (GRO)

Batch ID: 24315 Analysis Date: 3/18/2016 RunNo: 32910

Units: mg/Kg

S

Analyte Gasoline Range Organics (GRO)

Result PQL

ND

940

SPK value SPK Ref Val 5.0

%REC 94.2

SegNo: 1008676

LowLimit HighLimit %RPD **RPDLimit**

Qual

Sample ID LCS-24315

Prep Date: 3/17/2016

SampType: LCS

Batch ID: 24315

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 32910

66.2

112

Analyte

Surr: BFB

Client ID:

Result

Analysis Date: 3/18/2016 PQL SPK value SPK Ref Val

5.0

0

SeqNo: 1008677

%REC Lowl imit Units: mg/Kg HighLimit

%RPD

RPDLimit Qual

Gasoline Range Organics (GRO) Surr: BFB

LCSS

25 1000 25.00 1000 99.3 102

80 66.2

120

112

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

RPD outside accepted recovery limits R % Recovery outside of range due to dilution or matrix S

В Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits Page 11 of 12

P Sample pH Not In Range

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

Hall Environmental Analysis Laboratory, Inc.

WO#:

1603845

22-Mar-16

Client: Yates Petroleum Corporation
Project: Dee 36SW State #2 Battery

Sample ID MB-24316 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 24316 RunNo: 32893 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008653 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene ND 0.025 Toluene ND 0.050 Ethylbenzen ND 0.050 Xylenes, Total ND 0.10 Surr: 4-Bromofluorobenzene 1.1 1.000 113 80 120

Sample ID LCS-24316 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 24316 RunNo: 32893 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008654 Units: mg/Kg Analyte SPK value SPK Ref Val Result PQL %REC LowLimit HighLimit %RPD **RPDLimit** Qual Benzene 0.025 1.000 1.0 0 102 80 120 Toluene 0.98 0.050 1.000 0 97.7 80 120 Ethylbenzene 0.99 0.050 1.000 98.9 80 120 0 Xylenes, Total 2.9 0.10 3.000 0 98.1 80 120 Surr: 4-Bromofluorobenzene 1.2 1.000 116 80 120

Sample ID MB-24315 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: **PBS** Batch ID: 24315 RunNo: 32910 Prep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008701 Units: mg/Kg 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-Bromofluorobenzene 1.2 1.000 117 80 120

Sample ID LCS-24315	SampT	SampType: LCS TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSS	Batch ID: 24315 RunNo: 32910										
Prep Date: 3/17/2016	ep Date: 3/17/2016 Analysis Date: 3/18/2016 SeqNo: 1008702				008702	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.90	0.025	1.000	0	89.6	80	120				
Toluene	0.97	0.050	1.000	0	97.2	80	120				
Ethylbenzene	0.98	0.050	1.000	0	98.4	80	120				
Xylenes, Total	3.0	0.10	3.000	0	99.5	80	120				
Surr: 4-Bromofluorobenzene	1.2		1.000		119	80	120				

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

R RPD outside accepted recovery limits

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

Page 12 of 12

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified



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: Yates Petroleum Corpora Work Order Numl			RcptNo: 1	
A CONTINUE			•••	
Logged By: Lindsay Mangin 3/16/2016 9:55:00 /	AM	July Hayo		1/4
Completed By: Lindsay Mangin 3/16/2016 2:58:20 I	РМ	Junely Hlygg		: :
Reviewed By:		000		
Chain of Custody				
1. Custody seals intact on sample bottles?	Yes 🗆	No 🗌	Not Present 🗹	
2. Is Chain of Custody complete?	Yes 🗹	No 🗆	Not Present	
3. How was the sample delivered?	Courier			
<u>Log In</u>				
4. Was an attempt made to cool the samples?	Yes 🗹	No 🗆	NA 🗆	
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes 🗹	No 🗌	NA \square	
6. Sample(s) in proper container(s)?	Yes 🗹	No 🗆		
7. Sufficient sample volume for indicated test(s)?	Yes 🗸	No 🗌		
8. Are samples (except VOA and ONG) properly preserved?	Yes 🗹	No 🗀		
9. Was preservative added to bottles?	Yes 🗌	No 🔽	NA \square	
10.VOA vials have zero headspace?	Yes 🗌	No 🗆	No VOA Vials 🗹	
11. Were any sample containers received broken?	Yes 🗌	No 🗹	# of preserved bottles checked	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes 🗹	No 🗆	for pH:	>12 unless noted)
13. Are matrices correctly identified on Chain of Custody?	Yes 🗹	No 🗌	Adjusted?	i
14. Is it clear what analyses were requested?	Yes 🗹	No 🗆		
15. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes 🗹	No 🗆	Checked by:	
Special Handling (if applicable)				
16, Was client notified of all discrepancies with this order?	Yes	No 🗆	NA 🗹	
Person Notified: Date				
By Whom: Via:	'	Phone Fax	☐ In Person	
Regarding:	Civian	Thore L Tax		
Client Instructions:	ALTERNATION & TRANSPORT FOR THE PROPERTY COM-	NAMES OF TAXABLE PARTY OF TAXABLE PARTY.		
17. Additional remarks:				
18. Cooler Information Cooler No Temp C Condition Seal Intact Seal No 1 1.1 Good Yes	Seal Date	Signed By		

HALL ENVIRONMENTAL	LABORATORY		87109	20								me2) 0728														i the analytical report.		
22	BO	www.hallenvironmental.com	Albuquerque, NM 87109	Fax 505-345-4107	sst			***************************************			and the same	OV) 80828						1								notated or		
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тте.			tate #2 Battery	Project #:		ger	Robert Asher			oN □	1.0cF1/1	HEAL NO.	100	1002	-003	tot	-105	-coc-	t00-	7007	200		Date Time	es.	Date Time	cther accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.		
	□ Rush									M Yes	Temperature: $2./$	perature: 2./	Preservative Type	- PO	92	lce	92	8	92	eg.	lce	lce			let l	21	ccredited laboratorie	
пит-мгоила ите	X Standard	Project Name:	Dee 36SW SI	Project #:	30-015-21881	Project Manager:		PO# 205632	Sampler: Robert Asher	On Ice:	Sample Temp	Container Type and #	1 - 4oz.	1 - 4oz.	1 - 40z.	1 - 40z.	1 - 40z.	1 - 402.	1 - 40z.	1 - 4oz.	1 - 40z.		Received by:	Dit an	Received by:	ontracted to other ac		
Chain-of-Custody Record			ailing Address: 105 South 4th Street	rtesia, NM 88210	hone #: (575) 748-4217	oleum.com		☐ Level 4 (Full Validation) PO# 205632				Sample Request ID	W 01.0	W 02.0	W 03.0	W 04.0	W 05.0	W 06.0	W 08.0	W10.0	W12.0) Yaga	· 100	ed by:	If necessary, samples submitted to Hall Environmental may be subcontracted to		
-Cust										□ Other		Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		Relinquished by		Relinquished by	nples submit		
hain-of								, ,	ion:	i	ype)	Time	10:10 AM	10:15 AM	10:20 AM	10:25 AM	10:30 AM	10:35 AM	10:40 AM	10:45 AM	10:50 AM		Time:	12:17 PM	Тіте:	If necessary, sar		
ਹ	lient: Yar							Standard	ccreditation:	INELAP	EDD (Type)	Date	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16	3/14/16		ate:	3/15/16	ate:			