

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

April 14, 2016

Bruce Baker

Diversified Field Services, Inc
315 S. Leech St
Hobbs, NM 88240
TEL: (575) 964-8394
FAX

RE: Lee Federal

OrderNo.: 1604324

Dear Bruce Baker:

Hall Environmental Analysis Laboratory received 16 sample(s) on 4/7/2016 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 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 #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 5 Surface

Project: Lee Federal

Collection Date: 4/4/2016 8:00:00 AM

Lab ID: 1604324-001

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	4/11/2016 9:51:19 PM	24742
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	48	9.4		mg/Kg	1	4/11/2016 10:30:08 AM	24695
Surr: DNOP	74.8	70-130		%Rec	1	4/11/2016 10:30:08 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/11/2016 11:08:12 AM	24697
Surr: BFB	101	80-120		%Rec	1	4/11/2016 11:08:12 AM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/11/2016 11:08:12 AM	24697
Toluene	ND	0.047		mg/Kg	1	4/11/2016 11:08:12 AM	24697
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2016 11:08:12 AM	24697
Xylenes, Total	ND	0.094		mg/Kg	1	4/11/2016 11:08:12 AM	24697
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	4/11/2016 11:08:12 AM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 5 @ 1'

Project: Lee Federal

Collection Date: 4/4/2016 8:10:00 AM

Lab ID: 1604324-002

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	160	30		mg/Kg	20	4/11/2016 10:16:08 PM	24742
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/8/2016 11:45:36 PM	24695
Surr: DNOP	89.9	70-130		%Rec	1	4/8/2016 11:45:36 PM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/11/2016 12:18:59 PM	24697
Surr: BFB	103	80-120		%Rec	1	4/11/2016 12:18:59 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 12:18:59 PM	24697
Toluene	ND	0.047		mg/Kg	1	4/11/2016 12:18:59 PM	24697
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2016 12:18:59 PM	24697
Xylenes, Total	ND	0.094		mg/Kg	1	4/11/2016 12:18:59 PM	24697
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	1	4/11/2016 12:18:59 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 5 @ 2'

Project: Lee Federal

Collection Date: 4/4/2016 8:20:00 AM

Lab ID: 1604324-003

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	460	30		mg/Kg	20	4/11/2016 11:05:46 PM	24742
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	4/9/2016 12:06:55 AM	24695
Surr: DNOP	89.7	70-130		%Rec	1	4/9/2016 12:06:55 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2016 12:42:29 PM	24697
Surr: BFB	104	80-120		%Rec	1	4/11/2016 12:42:29 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 12:42:29 PM	24697
Toluene	ND	0.049		mg/Kg	1	4/11/2016 12:42:29 PM	24697
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2016 12:42:29 PM	24697
Xylenes, Total	ND	0.098		mg/Kg	1	4/11/2016 12:42:29 PM	24697
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	1	4/11/2016 12:42:29 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 5 @ 3'

Project: Lee Federal

Collection Date: 4/4/2016 8:30:00 AM

Lab ID: 1604324-004

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	44	30		mg/Kg	20	4/11/2016 11:30:36 PM	24742
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/9/2016 12:28:16 AM	24695
Surr: DNOP	88.8	70-130		%Rec	1	4/9/2016 12:28:16 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2016 1:05:55 PM	24697
Surr: BFB	106	80-120		%Rec	1	4/11/2016 1:05:55 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 1:05:55 PM	24697
Toluene	ND	0.049		mg/Kg	1	4/11/2016 1:05:55 PM	24697
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2016 1:05:55 PM	24697
Xylenes, Total	ND	0.098		mg/Kg	1	4/11/2016 1:05:55 PM	24697
Surr: 4-Bromofluorobenzene	111	80-120		%Rec	1	4/11/2016 1:05:55 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 6 @ Surface

Project: Lee Federal

Collection Date: 4/4/2016 9:00:00 AM

Lab ID: 1604324-005

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	550	30		mg/Kg	20	4/11/2016 11:55:25 PM	24742
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	15000	9900		mg/Kg	1E	4/9/2016 12:49:35 AM	24695
Surr: DNOP	0	70-130	S	%Rec	1E	4/9/2016 12:49:35 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	5.5	4.7		mg/Kg	1	4/11/2016 1:29:18 PM	24697
Surr: BFB	116	80-120		%Rec	1	4/11/2016 1:29:18 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 1:29:18 PM	24697
Toluene	ND	0.047		mg/Kg	1	4/11/2016 1:29:18 PM	24697
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2016 1:29:18 PM	24697
Xylenes, Total	ND	0.094		mg/Kg	1	4/11/2016 1:29:18 PM	24697
Surr: 4-Bromofluorobenzene	112	80-120		%Rec	1	4/11/2016 1:29:18 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 6 @ 1'

Project: Lee Federal

Collection Date: 4/4/2016 9:10:00 AM

Lab ID: 1604324-006

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	36	30		mg/Kg	20	4/12/2016 12:20:14 AM	24742
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/9/2016 1:10:56 AM	24695
Surr: DNOP	91.1	70-130		%Rec	1	4/9/2016 1:10:56 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/11/2016 2:16:22 PM	24697
Surr: BFB	105	80-120		%Rec	1	4/11/2016 2:16:22 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/11/2016 2:16:22 PM	24697
Toluene	ND	0.046		mg/Kg	1	4/11/2016 2:16:22 PM	24697
Ethylbenzene	ND	0.046		mg/Kg	1	4/11/2016 2:16:22 PM	24697
Xylenes, Total	ND	0.093		mg/Kg	1	4/11/2016 2:16:22 PM	24697
Surr: 4-Bromofluorobenzene	108	80-120		%Rec	1	4/11/2016 2:16:22 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 6 @ 2'

Project: Lee Federal

Collection Date: 4/4/2016 9:20:00 AM

Lab ID: 1604324-007

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	170	30		mg/Kg	20	4/12/2016 12:45:03 AM	24742
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	4/9/2016 1:32:14 AM	24695
Surr: DNOP	88.6	70-130		%Rec	1	4/9/2016 1:32:14 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/11/2016 2:39:54 PM	24697
Surr: BFB	105	80-120		%Rec	1	4/11/2016 2:39:54 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/11/2016 2:39:54 PM	24697
Toluene	ND	0.046		mg/Kg	1	4/11/2016 2:39:54 PM	24697
Ethylbenzene	ND	0.046		mg/Kg	1	4/11/2016 2:39:54 PM	24697
Xylenes, Total	ND	0.093		mg/Kg	1	4/11/2016 2:39:54 PM	24697
Surr: 4-Bromofluorobenzene	109	80-120		%Rec	1	4/11/2016 2:39:54 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 7 @ Surface

Project: Lee Federal

Collection Date: 4/4/2016 9:40:00 AM

Lab ID: 1604324-008

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	61	30		mg/Kg	20	4/12/2016 1:34:42 AM	24742
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	11000	970		mg/Kg	100	4/11/2016 11:34:39 AM	24695
Surr: DNOP	0	70-130	S	%Rec	100	4/11/2016 11:34:39 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/11/2016 3:03:26 PM	24697
Surr: BFB	110	80-120		%Rec	1	4/11/2016 3:03:26 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/11/2016 3:03:26 PM	24697
Toluene	ND	0.047		mg/Kg	1	4/11/2016 3:03:26 PM	24697
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2016 3:03:26 PM	24697
Xylenes, Total	ND	0.093		mg/Kg	1	4/11/2016 3:03:26 PM	24697
Surr: 4-Bromofluorobenzene	109	80-120		%Rec	1	4/11/2016 3:03:26 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 7 @ 1'

Project: Lee Federal

Collection Date: 4/4/2016 9:50:00 AM

Lab ID: 1604324-009

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	4/12/2016 7:36:57 PM	24751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	82	9.3		mg/Kg	1	4/11/2016 11:56:06 AM	24695
Surr: DNOP	79.7	70-130		%Rec	1	4/11/2016 11:56:06 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/11/2016 3:50:38 PM	24697
Surr: BFB	106	80-120		%Rec	1	4/11/2016 3:50:38 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/11/2016 3:50:38 PM	24697
Toluene	ND	0.047		mg/Kg	1	4/11/2016 3:50:38 PM	24697
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2016 3:50:38 PM	24697
Xylenes, Total	ND	0.093		mg/Kg	1	4/11/2016 3:50:38 PM	24697
Surr: 4-Bromofluorobenzene	111	80-120		%Rec	1	4/11/2016 3:50:38 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 7 @ 2'

Project: Lee Federal

Collection Date: 4/4/2016 10:00:00 AM

Lab ID: 1604324-010

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	4/12/2016 8:14:10 PM	24751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	110	99		mg/Kg	10	4/9/2016 2:36:12 AM	24695
Surr: DNOP	0	70-130	S	%Rec	10	4/9/2016 2:36:12 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2016 5:48:15 PM	24697
Surr: BFB	106	80-120		%Rec	1	4/11/2016 5:48:15 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 5:48:15 PM	24697
Toluene	ND	0.049		mg/Kg	1	4/11/2016 5:48:15 PM	24697
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2016 5:48:15 PM	24697
Xylenes, Total	ND	0.097		mg/Kg	1	4/11/2016 5:48:15 PM	24697
Surr: 4-Bromofluorobenzene	112	80-120		%Rec	1	4/11/2016 5:48:15 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 7 @ 3'

Project: Lee Federal

Collection Date: 4/4/2016 10:10:00 AM

Lab ID: 1604324-011

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	56	30		mg/Kg	20	4/12/2016 8:51:22 PM	24751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	56	9.9		mg/Kg	1	4/11/2016 12:17:42 PM	24695
Surr: DNOP	79.0	70-130		%Rec	1	4/11/2016 12:17:42 PM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	4/11/2016 6:11:47 PM	24697
Surr: BFB	104	80-120		%Rec	1	4/11/2016 6:11:47 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	4/11/2016 6:11:47 PM	24697
Toluene	ND	0.046		mg/Kg	1	4/11/2016 6:11:47 PM	24697
Ethylbenzene	ND	0.046		mg/Kg	1	4/11/2016 6:11:47 PM	24697
Xylenes, Total	ND	0.093		mg/Kg	1	4/11/2016 6:11:47 PM	24697
Surr: 4-Bromofluorobenzene	109	80-120		%Rec	1	4/11/2016 6:11:47 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Pt 7 @ 4'

Project: Lee Federal

Collection Date: 4/4/2016 10:20:00 AM

Lab ID: 1604324-012

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	1100	30		mg/Kg	20	4/12/2016 9:03:47 PM	24751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	77	9.7		mg/Kg	1	4/11/2016 12:39:07 PM	24695
Surr: DNOP	80.1	70-130		%Rec	1	4/11/2016 12:39:07 PM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/11/2016 6:35:26 PM	24697
Surr: BFB	105	80-120		%Rec	1	4/11/2016 6:35:26 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 6:35:26 PM	24697
Toluene	ND	0.048		mg/Kg	1	4/11/2016 6:35:26 PM	24697
Ethylbenzene	ND	0.048		mg/Kg	1	4/11/2016 6:35:26 PM	24697
Xylenes, Total	ND	0.096		mg/Kg	1	4/11/2016 6:35:26 PM	24697
Surr: 4-Bromofluorobenzene	109	80-120		%Rec	1	4/11/2016 6:35:26 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Vertical 7 @ 1'

Project: Lee Federal

Collection Date: 4/4/2016 10:50:00 AM

Lab ID: 1604324-013

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	4/12/2016 9:16:12 PM	24751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/9/2016 3:39:56 AM	24695
Surr: DNOP	92.3	70-130		%Rec	1	4/9/2016 3:39:56 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2016 6:59:00 PM	24697
Surr: BFB	105	80-120		%Rec	1	4/11/2016 6:59:00 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	4/11/2016 6:59:00 PM	24697
Toluene	ND	0.049		mg/Kg	1	4/11/2016 6:59:00 PM	24697
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2016 6:59:00 PM	24697
Xylenes, Total	ND	0.098		mg/Kg	1	4/11/2016 6:59:00 PM	24697
Surr: 4-Bromofluorobenzene	108	80-120		%Rec	1	4/11/2016 6:59:00 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Vertical 8 @ Surface

Project: Lee Federal

Collection Date: 4/4/2016 11:20:00 AM

Lab ID: 1604324-014

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	97	30		mg/Kg	20	4/12/2016 9:28:36 PM	24751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	180	96		mg/Kg	10	4/9/2016 4:01:11 AM	24695
Surr: DNOP	0	70-130	S	%Rec	10	4/9/2016 4:01:11 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/11/2016 7:22:38 PM	24697
Surr: BFB	103	80-120		%Rec	1	4/11/2016 7:22:38 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 7:22:38 PM	24697
Toluene	ND	0.048		mg/Kg	1	4/11/2016 7:22:38 PM	24697
Ethylbenzene	ND	0.048		mg/Kg	1	4/11/2016 7:22:38 PM	24697
Xylenes, Total	ND	0.097		mg/Kg	1	4/11/2016 7:22:38 PM	24697
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	4/11/2016 7:22:38 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: Vertical 9 @ 1'

Project: Lee Federal

Collection Date: 4/4/2016 11:50:00 AM

Lab ID: 1604324-015

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	160	30		mg/Kg	20	4/12/2016 9:41:01 PM	24751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/9/2016 4:22:22 AM	24695
Surr: DNOP	93.9	70-130		%Rec	1	4/9/2016 4:22:22 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/11/2016 7:46:01 PM	24697
Surr: BFB	105	80-120		%Rec	1	4/11/2016 7:46:01 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 7:46:01 PM	24697
Toluene	ND	0.048		mg/Kg	1	4/11/2016 7:46:01 PM	24697
Ethylbenzene	ND	0.048		mg/Kg	1	4/11/2016 7:46:01 PM	24697
Xylenes, Total	ND	0.095		mg/Kg	1	4/11/2016 7:46:01 PM	24697
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	4/11/2016 7:46:01 PM	24697

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1604324

Date Reported: 4/14/2016

CLIENT: Diversified Field Services, Inc

Client Sample ID: PT5@4'

Project: Lee Federal

Collection Date: 4/4/2016 8:40:00 AM

Lab ID: 1604324-016

Matrix: SOIL

Received Date: 4/7/2016 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	4/12/2016 9:53:25 PM	24751
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	4/9/2016 4:43:40 AM	24695
Surr: DNOP	95.5	70-130		%Rec	1	4/9/2016 4:43:40 AM	24695
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	4/11/2016 8:09:22 PM	24697
Surr: BFB	105	80-120		%Rec	1	4/11/2016 8:09:22 PM	24697
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	4/11/2016 8:09:22 PM	24697
Toluene	ND	0.048		mg/Kg	1	4/11/2016 8:09:22 PM	24697
Ethylbenzene	ND	0.048		mg/Kg	1	4/11/2016 8:09:22 PM	24697
Xylenes, Total	ND	0.097		mg/Kg	1	4/11/2016 8:09:22 PM	24697
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	1	4/11/2016 8:09:22 PM	24697

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604324

14-Apr-16

Client: Diversified Field Services, Inc

Project: Lee Federal

Sample ID	MB-24742		SampType: MBLK		TestCode: EPA Method 300.0: Anions					
Client ID:	PBS		Batch ID: 24742		RunNo: 33467					
Prep Date:	4/11/2016		Analysis Date: 4/11/2016		SeqNo: 1029376		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-24742		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 24742		RunNo: 33467					
Prep Date:	4/11/2016		Analysis Date: 4/11/2016		SeqNo: 1029377		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.0	90	110			

Sample ID	MB-24751		SampType:	MBLK		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS		Batch ID:	24751		RunNo:	33468				
Prep Date:	4/12/2016		Analysis Date:	4/12/2016		SeqNo:	1029424		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	LCS-24751		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 24751		RunNo: 33468					
Prep Date:	4/12/2016		Analysis Date: 4/12/2016		SeqNo: 1029425		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	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
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
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604324

14-Apr-16

Client: Diversified Field Services, Inc

Project: Lee Federal

Sample ID	LCS-24695		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 24695		RunNo: 33385					
Prep Date:	4/8/2016		Analysis Date: 4/8/2016		SeqNo: 1027558		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	103	65.8	136			
Surr: DNOP	4.4		5.000		88.2	70	130			

Sample ID	MB-24695	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID: 24695			RunNo: 33385					
Prep Date:	4/8/2016	Analysis Date: 4/8/2016			SeqNo: 1027559		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	9.5		10.00		94.5	70	130			

Sample ID	1604324-001AMS		SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	Pt 5 Surface		Batch ID: 24695		RunNo: 33431					
Prep Date:	4/8/2016		Analysis Date: 4/11/2016		SeqNo: 1028117		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	69	9.5	47.48	47.84	45.4	31.2	162			
Surr: DNOP	4.0		4.748		84.8	70	130			

Sample ID	1604324-001AMSD			SampType:	MSD		TestCode:	EPA Method 8015M/D: Diesel Range Organics			
Client ID:	Pt 5 Surface			Batch ID:	24695		RunNo:	33431			
Prep Date:	4/8/2016			Analysis Date:	4/11/2016		SeqNo:	1028118		Units:	mg/Kg
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	79	10	50.15	47.84	61.7	31.2	162	12.7	31.7		
Surr: DNOP	4.2		5.015		84.2	70	130	0	0		

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
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604324

14-Apr-16

Client: Diversified Field Services, Inc

Project: Lee Federal

Sample ID	MB-24697		SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	PBS		Batch ID: 24697		RunNo: 33445					
Prep Date:	4/8/2016		Analysis Date: 4/11/2016		SeqNo: 1028431		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	80	120			

Sample ID	LCS-24697		SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	LCSS		Batch ID: 24697		RunNo: 33445					
Prep Date:	4/8/2016		Analysis Date: 4/11/2016		SeqNo: 1028432		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	98.4	80	120			
Surr: BFB	1100		1000		111	80	120			

Sample ID	1604324-001AMS		SampType: MS		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	Pt 5 Surface		Batch ID: 24697		RunNo: 33445					
Prep Date:	4/8/2016		Analysis Date: 4/11/2016		SeqNo: 1028439		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	4.8	23.79	0	99.6	59.3	143			
Surr: BFB	1100		951.5		112	80	120			

Sample ID	1604324-001AMSD		SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	Pt 5 Surface		Batch ID: 24697		RunNo: 33445					
Prep Date:	4/8/2016		Analysis Date: 4/11/2016		SeqNo: 1028440		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.30	0	104	59.3	143	6.51	20	
Surr: BFB	1100		971.8		118	80	120	0	0	

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
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1604324

14-Apr-16

Client: Diversified Field Services, Inc

Project: Lee Federal

Sample ID	MB-24697		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBS		Batch ID: 24697		RunNo: 33445					
Prep Date:	4/8/2016		Analysis Date: 4/11/2016		SeqNo: 1028486		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	1.1		1.000		109	80	120			

Sample ID	LCS-24697		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSS		Batch ID: 24697		RunNo: 33445					
Prep Date:	4/8/2016		Analysis Date: 4/11/2016		SeqNo: 1028487		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	91.7	75.3	123			
Toluene	0.89	0.050	1.000	0	89.1	80	124			
Ethylbenzene	0.88	0.050	1.000	0	87.7	82.8	121			
Xylenes, Total	2.6	0.10	3.000	0	87.1	83.9	122			
Surr: 4-Bromofluorobenzene	1.1		1.000		114	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
P Sample pH Not In Range
RL Reporting Detection Limit
W Sample container temperature is out of limit as specified

Sample Log-In Check List

Client Name: DIVERSIFIED FIELD SE

Work Order Number: 1604324

RcptNo: 1

Received by/date: JA 04/07/16

Logged By: Anne Thorne 4/7/2016 9:20:00 AM

Anne Thorne

Completed By: Anne Thorne 4/8/2016

Anne Thorne

Reviewed By: IO 01/08/16

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

Log In

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 ☐
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 ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
11. Were any sample containers received broken? Yes ☐ No ☒
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐

of preserved
bottles checked
for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
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: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks: Per ST add sample PT5@4' to LOC/AT 04/08/16

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.1	Good	Yes			

Chain-of-Custody Record

ent: Diversified Environmental

Address: 206 W Snyder St

Hobbs, NM 88240

one #: (575) 631-4661

mail or Fax#: *

VQC Package:

Standard ☐ Level 4 (Full Validation)

creditation

NELAP ☐ Other

EDD (Type)

Sample Request ID

Matrix

Time

Relinquished by:

Time:

Relinquished by:

Time:

Received by:

Date:

Received by:

Date:

Sample Temperature: 4.1

On Ice: ☒ Yes ☐ No

Sampler: Chas Flores

Project Manager: Bruce Baker

Project #: #94

Project Name: Lee Federal

Turn-Around Time: 5 day ☐ Rush

Standard ☒ Rush

Project Name: Lee Federal

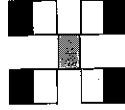
Project #: #94

Project Manager: Bruce Baker

Sampler: Chas Flores

Project Name: Lee Federal

Project #: #94



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

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

Analysis Request

TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
☒	☒	☒	☒	☒	☒	☒	☒	☒

TPH 8015B (GRO / DRO / MRO)	BTEX + MTBE + TPH (Gas only)	BTEX + MTBE + TMB's (8021)	HEAL No.	Container Type and #	Preservative Type	Sample Temperature	On Ice	Sampler	Project Manager	Project #	Project Name	Turn-Around Time	Standard	Rush
☒	☒	☒	1664324	4oz glass	ice	4.1	☒	Chas Flores	Bruce Baker	#94	Lee Federal	5 day	☒	☐

Date	Time	Received by:	Date	Time	Received by:
4/6/16	1000	Sp	4/6/16	0920	Sp

Remarks: email to: Malves@diversifiedfsi.com

Larry Baker @ Apache Corporation

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.

