



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 light blue 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.

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.

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.

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.

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.

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.

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. | 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 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. | 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 |

Sample Log-In Check List

Client Name: **DIVERSIFIED FIELD SE**

Work Order Number: **1604324**

RcptNo: **1**

Received by/date: JA 09/07/16

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? Yes No
(Note discrepancies on chain of custody)
- 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? Yes No
(If no, notify customer for authorization.)

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 PTS@4' to COL/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

Client: Diversified Environmental

Billing Address: 206 W Snyder St

Hobbs, NM 88240

Phone #: (575) 631-4661

Fax #: *

VQC Package:

Standard Level 4 (Full Validation)

Creditation

NELAP Other

EDD (Type)

Turn-Around Time: 5 day Rush

Project Name: Lee Federal

Project #: #94

Project Manager: Bruce Baker

Sampler: Chris Flores

On Ice: Yes No

Sample Temperature: 4.1

Container Type and #

Preservative Type

HEAL No. 1604324

Date

Time

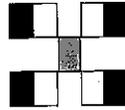
Relinquished by: Chris Flores

Relinquished by: Sp

Date

Time

Date



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

<input checked="" type="checkbox"/> BTEX + MTBE + TMB's (8021)	<input checked="" type="checkbox"/> TPH 8015B (GRO / DRO / MRO)	<input type="checkbox"/> TPH (Method 418.1)	<input type="checkbox"/> EDB (Method 504.1)	<input type="checkbox"/> PAH's (8310 or 8270 SIMS)	<input type="checkbox"/> RCRA 8 Metals	<input checked="" type="checkbox"/> Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	<input type="checkbox"/> 8081 Pesticides / 8082 PCBs	<input type="checkbox"/> 8260B (VOA)	<input type="checkbox"/> 8270 (Semi-VOA)	<input type="checkbox"/> Air Bubbles (Y or N)
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Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
1/16	0800	Soil	Pt 5 Surface	4oz glass	Ice	1604324
	0810		Pt 5 @ 1'			202
	0820		Pt 5 @ 2'			203
	0830		Pt 5 @ 3'			204
	0900		Pt 6 @ Surface			205
	0910		Pt 6 @ 1'			206
	0920		Pt 6 @ 2'			207
	0940		Pt 7 @ Surface			208
	0950		Pt 7 @ 1'			209
	1000		Pt 7 @ 2'			210
	1010		Pt 7 @ 3'			211
	1020		Pt 7 @ 4'			212

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

Received by: Sp Date: 04/07/16 Time: 0920

Remarks: email to: Malves@diversifiedfsi.com
M Burton @
mpotterson @
cflores @
Larry Baker @ Apache COPACON

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 noted on the analytical report.

