NM1 - ____12___ MONITORING

REPORT

YEAR(S):

2015-2016_

C & C LANDFARM BOX 55 MONUMENT, NM 88265

NMOCD Environmental ATTN: Brad Jones 1220 South St. Francis Drive Santa Fe, NM 87505

RE: C & C Landfarm

Mr. Jones:

Please find the attached request and/or information concerning C & C.

We appreciate your continued patience as we get everything as you requested.

TOENED

Thanks for your help.

Jemme T Cooper

Jimmie T. Cooper Owner - Operator C & C Landfarm 575-397-2045 January 2017

NMOCD Environmental 1220 South Saint Francis Drive Santa FE, NM 87505

RE: C & C Landfarm (NM-1-012) Sampling

Dear Sir:

Find within the Treatment Zone and Vadose Zone sampling as required.

I have compared the data to my background and PQL, and all are in compliance.

Should you have any questions, please call.

Thanks,

Eddie Seay Consulting, Agent 601 W. Illinois Hobbs, NM 88242 575-392-2236 seay04@leaco.net

cc: C & C Landfarm - Jimmie T. Cooper

HALL ENVIRONMENTAL ANALYSIS LABORATORY

January 10, 2017

Jim Cooper C&C Landfarm Box 55 Monument, NM 88265 TEL: (575) 390-2454 FAX

RE: C & C Landfarm

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

OrderNo.: 1612E68

Dear Jim Cooper:

Hall Environmental Analysis Laboratory received 52 sample(s) on 12/30/2016 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 <u>www.hallenvironmental.com</u> 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell A-1V							
Project: C & C Landfarm	Collection Date: 12/26/2016 12:45:00 PM							
Lab ID: 1612E68-001	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES	,				Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/3/2017 10:01:41 PM			
Toluene	ND	0.047	mg/Kg	1	1/3/2017 10:01:41 PM			
Ethylbenzene	ND	0.047	mg/Kg	1	1/3/2017 10:01:41 PM			
Xylenes, Total	ND	0.094	mg/Kg	1	1/3/2017 10:01:41 PM			
Surr: 4-Bromofluorobenzene	93.0	80-120	%Rec	1	1/3/2017 10:01:41 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 12:29:59 AM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	18	mg/Kg	1	1/4/2017			

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

- ٠ Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н 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 S
- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell A-2V							
Project: C & C Landfarm	Collection Date: 12/26/2016 1:05:00 PM							
Lab ID: 1612E68-002 Analyses	Matrix: SOIL		Received D	ate: 12/30/2	2016 9:30:00 AM			
	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.023	mg/Kg	1	1/3/2017 10:25:10 PM			
Totuene	ND	0.046	mg/Kg	1	1/3/2017 10:25:10 PM			
Ethylbenzene	ND	0.046	mg/Kg	1	1/3/2017 10:25:10 PM			
Xylenes, Total	ND	0.091	mg/Kg	1	1/3/2017 10:25:10 PM			
Surr: 4-Bromofluorobenzene	91.0	80-120	%Rec	1	1/3/2017 10:25:10 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 1:07:13 AM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	18	mg/Kg	1	1/4/2017			

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

- ۰ Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н 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
- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL

Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell A-3V							
Project: C & C Landfarm	Collection Date: 12/26/2016 1:30:00 PM							
Lab ID: 1612E68-003	Matrix: SOIL		Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qual	Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.023	mg/Kg	1	1/3/2017 11:59:09 PM			
Toluene	ND	0.046	mg/Kg	1	1/3/2017 11:59:09 PM			
Ethylbenzene	ND	0.046	mg/Kg	1	1/3/2017 11:59:09 PM			
Xylenes, Total	ND	0.092	mg/Kg	1	1/3/2017 11:59:09 PM			
Surr: 4-Bromofluorobenzene	92.1	80-120	%Rec	1	1/3/2017 11:59:09 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 1:19:37 AM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/4/2017			

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 59
- 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.

Analytical Report Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell A-4V							
Project: C & C Landfarm	Collection Date: 12/26/2016 1:55:00 PM							
Lab ID: 1612E68-004	Matrix: SOIL		Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.024	mg/Kg	1	1/4/2017 12:22:40 AM			
Toluene	ND	0.049	mg/Kg	1	1/4/2017 12:22:40 AM			
Ethylbenzene	ND	0.049	mg/Kg	1	1/4/2017 12:22:40 AM			
Xylenes, Total	ND	0.098	mg/Kg	1	1/4/2017 12:22:40 AM			
Surr: 4-Bromofluorobenzene	93.3	80-120	%Rec	1	1/4/2017 12:22:40 AM			
EPA METHOD 300.0: ANIONS				,	Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 1:56:51 AM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/4/2017			

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 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

Analyst: MAB

1/4/2017

1

CLIENT: C&C Landfarm Client Sample ID: Cell B-1V C & C Landfarm Collection Date: 12/26/2016 2:15:00 PM **Project:** Lab ID: 1612E68-005 Matrix: SOIL Received Date: 12/30/2016 9:30:00 AM Result **PQL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst NSB ND 0.025 1/4/2017 12:46:14 AM Benzene mg/Kg 1 Toluene ND 0.050 mg/Kg 1 1/4/2017 12:46:14 AM Ethylbenzene ND 0.050 mg/Kg 1 1/4/2017 12:46:14 AM ND mg/Kg 1/4/2017 12:46:14 AM Xylenes, Total 0.10 1 Surr: 4-Bromofluorobenzene 91.3 80-120 %Rec 1 1/4/2017 12:46:14 AM Analyst MRA **EPA METHOD 300.0: ANIONS** ND 30 20 1/4/2017 2:09:15 AM Chloride mg/Kg

20

mg/Kg

ND

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

Qualifiers:

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

- 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 59
- 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.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell B-2V							
Project: C & C Landfarm			Collection D	ate: 12/26/	2016 2:40:00 PM			
Lab ID: 1612E68-006	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/4/2017 1:09:42 AM			
Toluene	ND	0.047	mg/Kg	1	1/4/2017 1:09:42 AM			
Ethylbenzene	ND	0.047	mg/Kg	1	1/4/2017 1:09:42 AM			
Xylenes, Total	ND	0.095	mg/Kg	1	1/4/2017 1:09:42 AM			
Surr: 4-Bromofluorobenzene	90.7	80-120	%Rec	1	1/4/2017 1:09:42 AM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 2:21:40 AM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/4/2017			

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 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell B-3V						
Lab ID: 1612E68-007	Matrix:	SOIL	Received Date: 12/30/2016 9:30:00 AM				
Analyses	Result	PQL Qua	Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst NSB		
Benzene	ND	0.023	mg/Kg	1	1/4/2017 1:33:14 AM		
Toluene	ND	0.046	mg/Kg	1	1/4/2017 1:33:14 AM		
Ethylbenzene	ND	0.046	mg/Kg	1	1/4/2017 1:33:14 AM		
Xylenes, Total	ND	0.093	mg/Kg	. 1	1/4/2017 1:33:14 AM		
Surr: 4-Bromofluorobenzene	90.3	80-120	%Rec	1	1/4/2017 1:33:14 AM		
EPA METHOD 300.0: ANIONS			,		Analyst MRA		
Chloride	ND	30	mg/Kg	20	1/4/2017 2:34:04 AM		
EPA METHOD 418.1: TPH					Analyst MAB		
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/4/2017		

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
- н 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
- В Analyte detected in the associated Method Blank
- Value above quantitation range E
- Analyte detected below quantitation limits Page 7 of 59 J
- Р Sample pH Not In Range
- Reporting Detection Limit RL
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell B-4V							
Project: C & C Landfarm	Collection Date: 12/26/2016 3:20:00 PM							
Lab ID: 1612E68-008	Matrix:	SOIL	Received D	ate: 12/30/2	2016 9:30:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.023	mg/Kg	1	1/4/2017 1:56:39 AM			
Toluene	ND	0.046	mg/Kg	1	1/4/2017 1:56:39 AM			
Ethylbenzene	ND	0.046	mg/Kg	1	1/4/2017 1:56:39 AM			
Xylenes, Total	ND	0.093	mg/Kg	1	1/4/2017 1:56:39 AM			
Surr: 4-Bromofluorobenzene	90.1	80-120	%Rec	1	1/4/2017 1:56:39 AM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 1:31:52 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/4/2017			

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

- ٠ Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н 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 S
- Analyte detected in the associated Method Blank в
- Έ Value above quantitation range
 - Analyte detected below quantitation limits Page 8 of 59 J
- Sample pH Not In Range Р
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell C-1V Collection Date: 12/26/2016 3:45:00 PM							
Project: C & C Landfarm								
Lab ID: 1612E68-009	Matrix: SOIL		Received D	Received Date: 12/30/2016 9:30:00 AM				
Analyses	Result	PQL Qu	ual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.024	mg/Kg	<u> </u>	1/4/2017 2:20:12 AM			
Toluene	ND	0.048	mg/Kg	1	1/4/2017 2:20:12 AM			
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 2:20:12 AM			
Xylenes, Total	ND	0.096	mg/Kg	1	1/4/2017 2:20:12 AM			
Surr: 4-Bromofluorobenzene	89.9	80-120	%Rec	1	1/4/2017 2:20:12 AM			
EPA METHOD 300.0: ANIONS			-		Analyst: MRA			
Chioride	ND	30	mg/Kg	20	1/4/2017 2:09:06 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/4/2017			

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

Qualifiers:

*

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 59
- 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.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell C-2V Collection Date: 12/26/2016 4:10:00 PM							
Project: C & C Landfarm								
Lab ID: 1612E68-010	Matrix:	SOIL	Receive	ad Date: 12/30/20	16 9:30:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.025	mg/Kg	1	1/4/2017 2:43:36 AM			
Toluene	ND	0.050	mg/Kg	1	1/4/2017 2:43:36 AM			
Ethylbenzene	ND	0.050	mg/Kg	1	1/4/2017 2:43:36 AM			
Xylenes, Total	ND	0.099	mg/Kg	1	1/4/2017 2:43:36 AM			
Surr: 4-Bromofluorobenzene	90.4	80-120	%Rec	1	1/4/2017 2:43:36 AM			
EPA METHOD 300.0: ANIONS					Anaiyst: MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 2:21:30 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/4/2017			

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 10 of 59
- 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.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell C-3V						
Project: C & C Landfarm			Collection D	ate: 12/26/	2016 4:25:00 PM		
Lab ID: 1612E68-011	Matrix:	SOIL	Received D	Received Date: 12/30/2016 9:30:00 AM			
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst NSB		
Benzene	ND	0.024	mg/Kg	1	1/4/2017 3:07:03 AM		
Toluene	ND	0.048	mg/Kg	1	1/4/2017 3:07:03 AM		
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 3:07:03 AM		
Xylenes, Total	ND	0.095	mg/Kg	1	1/4/2017 3:07:03 AM		
Surr: 4-Bromofluorobenzene	90.8	80-120	%Rec	1	1/4/2017 3:07:03 AM		
EPA METHOD 300.0: ANIONS					Analyst MRA		
Chloride	ND	30	mg/Kg	20	1/4/2017 2:58:44 PM		
EPA METHOD 418.1: TPH					Analyst MAB		
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/4/2017		

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 11 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm Client Sample ID: Cell C-4V Collection Date: 12/26/2016 4:50:00 PM C & C Landfarm **Project:** Received Date: 12/30/2016 9:30:00 AM 1612E68-012 Matrix: SOIL Lab ID: DF **PQL Qual Units Date Analyzed** Analyses Result **EPA METHOD 8021B: VOLATILES** Analyst NSB ND 0.023 1/4/2017 3:30:41 AM Benzene mg/Kg 1 0.046 1 1/4/2017 3:30:41 AM ND mg/Kg Toluene 0.046 1 1/4/2017 3:30:41 AM Ethylbenzene ND mg/Kg Xylenes, Total ND 0.092 mg/Kg 1 1/4/2017 3:30:41 AM Surr: 4-Bromofluorobenzene 80-120 1/4/2017 3:30:41 AM 89.4 %Rec 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA 1/4/2017 3:11:09 PM Chloride ND 30 mg/Kg 20 EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 20 mg/Kg 1 1/4/2017

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

- ۰ Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н 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
- в Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 12 of 59 J
- Sample pH Not In Range Р
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell D-1V						
Project: C & C Landfarm			Collection	n Date: 12/27/2	016 8:15:00 AM		
Lab ID: 1612E68-013	Matrix:	SOIL	Receive	Received Date: 12/30/2016 9:30:00 AN			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst NSB		
Benzene	ND	0.023	mg/Kg	1	1/4/2017 1:01:22 PM		
Toluene	ND	0.047	mg/Kg	1	1/4/2017 1:01:22 PM		
Ethylbenzene	ND	0.047	mg/Kg	1	1/4/2017 1:01:22 PM		
Xylenes, Total	ND	0.094	mg/Kg	1	1/4/2017 1:01:22 PM		
Surr. 4-Bromofluorobenzene	93.8	80-120	%Rec	1	1/4/2017 1:01:22 PM		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	ND	30	mg/Kg	20	1/4/2017 3:23:34 PM		
EPA METHOD 418.1: TPH	,	•			Analyst MAB		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/4/2017		

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 limitspage 13 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm			Client Sample	e ID: Cell D	-2V
Project: C & C Landfarm			Collection I	ate: 12/27/2	2016 9:35:00 AM
Lab ID: 1612E68-014	Matrix: SOIL		Received I	ate: 12/30/2	2016 9:30:00 AM
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst NSB
Benzene	ND	0.024	mg/Kg	1	1/4/2017 1:25:00 PM
Toluene	ND	0.048	mg/Kg	1	1/4/2017 1:25:00 PM
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 1:25:00 PM
Xylenes, Total	ND	0.096	mg/Kg	1	1/4/2017 1:25:00 PM
Surr: 4-Bromofluorobenzene	94.7	80-120	%Rec	1	1/4/2017 1:25:00 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	1/4/2017 3:35:59 PM
EPA METHOD 418.1: TPH					Analyst MAB
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	' 1	1/4/2017

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
- 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
- Ε Value above quantitation range
- Analyte detected below quantitation limitsPage 14 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell D-3V							
Project: C & C Landfarm	Collection Date: 12/27/2016 8:55:00 AM							
Lab ID: 1612E68-015	Matrix: SOIL		Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qual	Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	. 1	1/4/2017 1:48:36 PM			
Toluene	ND	0.047	mg/Kg	1	1/4/2017 1:48:36 PM			
Ethylbenzene	ND	0.047	mg/Kg	1	1/4/2017 1:48:36 PM			
Xylenes, Total	ND	0.095	mg/Kg	1	1/4/2017 1:48:36 PM			
Surr: 4-Bromofluorobenzene	94.2	80-120	%Rec	1	1/4/2017 1:48:36 PM			
EPA METHOD 300.0: ANIONS				·	Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 3:48:23 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/4/2017			

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
- Н 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
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 15 of 59 J
- P Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell D-4V							
Project: C & C Landfarm	Collection Date: 12/27/2016 9:25:00 AM							
Lab ID: 1612E68-016	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES		· · ·			Analyst: NSB			
Benzene	ND	0.025	mg/Kg	1	1/4/2017 2:12:21 PM			
Toluene	ND	0.049	mg/Kg	1	1/4/2017 2:12:21 PM			
Ethylbenzene	ND	0.049	mg/Kg	1	1/4/2017 2:12:21 PM			
Xylenes, Total	ND .	0.098	mg/Kg	1	1/4/2017 2:12:21 PM			
Surr: 4-Bromofluorobenzene	93.7	80-120	%Rec	1	1/4/2017 2:12:21 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 4:00:47 PM			
EPA METHOD 418.1: TPH				·	Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/4/2017			

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 16 of 59
- 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.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell E-1V Collection Date: 12/27/2016 9:50:00 AM							
Project: C & C Landfarm								
Lab ID: 1612E68-017	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/4/2017 2:35:59 PM			
Toluene	ND	0.049	mg/Kg	1	1/4/2017 2:35:59 PM			
Ethylbenzene	ND	0.049	mg/Kg	1	1/4/2017 2:35:59 PM			
Xylenes, Total	ND	0.098	mg/Kg	1	1/4/2017 2:35:59 PM			
Surr: 4-Bromofluorobenzene	92.5	80-120	%Rec	1	1/4/2017 2:35:59 PM			
EPA METHOD 300.0: ANIONS	,				Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 4:13:12 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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

- ٠ Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н 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
- в Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 17 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell E-2V Collection Date: 12/27/2016 10:20:00 AM							
Project: C & C Landfarm								
Lab ID: 1612E68-018	Matrix: SOIL		Received Date: 12/30/2016 9:30:00 AM					
Analyses	Result	PQL Qual	Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/4/2017 2:59:41 PM			
Toluene	ND	0.048	mg/Kg	1	1/4/2017 2:59:41 PM			
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 2:59:41 PM			
Xylenes, Total	ND	0.095	mg/Kg	1	1/4/2017 2:59:41 PM			
Surr: 4-Bromofluorobenzene	93.3	80-120	%Rec	1	1/4/2017 2:59:41 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 4:25:37 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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

Qualifiers:

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- 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 18 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell E-3V						
Project: C & C Landfarm			Collection D	ate: 12/27/	2016 10:45:00 AM		
Lab ID: 1612E68-019	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM		
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.024	mg/Kg	1	1/4/2017 3:23:28 PM		
Toluene	ND	0.048	mg/Kg	1	1/4/2017 3:23:28 PM		
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 3:23:28 PM		
Xylenes, Total	ND	0.096	mg/Kg	1	1/4/2017 3:23:28 PM		
Surr: 4-Bromofluorobenzene	95.2	80-120	%Rec	1	1/4/2017 3:23:28 PM		
EPA METHOD 300.0: ANIONS					Analyst MRA		
Chloride	ND	30	mg/Kg	20	1/4/2017 4:38:01 PM		
EPA METHOD 418.1: TPH					Analyst MAB		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017		

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 19 of 59
- 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.

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Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell E-4V							
Project: C & C Landfarm	Collection Date: 12/27/2016 11:15:00 AM							
Lab ID: 1612E68-020	Matrix:	SOIL	Recei	ved Date: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.023	mg/Kg	j 1	1/4/2017 3:47:11 PM			
Toluene	ND	0.046	mg/Kg	1	1/4/2017 3:47:11 PM			
Ethylbenzene	ND	0.046	mg/Kg	ı 1	1/4/2017 3:47:11 PM			
Xylenes, Total	ND	0.093	mg/Kg	j 1	1/4/2017 3:47:11 PM			
Surr: 4-Bromofluorobenzene	94.3	80-120	%Rec	1	1/4/2017 3:47:11 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 4:50:26 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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
- Η 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
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 20 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell F-1V							
Project: C & C Landfarm	Collection Date: 12/27/2016 1:30:00 PM							
Lab ID: 1612E68-021	Matrix:	SOIL	Receive	d Date: 12/30/20	16 9:30:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/4/2017 10:39:42 AM			
Toluene	ND	0.048	mg/Kg	1	1/4/2017 10:39:42 AM			
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 10:39:42 AM			
Xylenes, Total	ND	0.097	mg/Kg	1	1/4/2017 10:39:42 AM			
Surr: 4-Bromofluorobenzene	95.4	80-120	%Rec	1	1/4/2017 10:39:42 AM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 5:27:40 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017			

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
- н 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 S
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 21 of 59 J
- P Sample pH Not In Range
- **Reporting Detection Limit** RL
- Sample container temperature is out of limit as specified W

Analytical Report Lab Order 1612E68

Hall Environmental Analysis Laboratory, Inc.

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Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell F-2V Collection Date: 12/27/2016 1:55:00 PM							
Project: C & C Landfarm								
Lab ID: 1612E68-022	Matrix:	SOIL	Received I	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.025	mg/Kg	1	1/4/2017 5:45:55 PM			
Toluene	ND	0.049	mg/Kg	1	1/4/2017 5:45:55 PM			
Ethylbenzene	ND	0.049	mg/Kg	1	1/4/2017 5:45:55 PM			
Xylenes, Total	ND	0.098	mg/Kg	1	1/4/2017 5:45:55 PM			
Surr: 4-Bromofluorobenzene	95.9	80-120	%Rec	1	1/4/2017 5:45:55 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 5:40:05 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	18	mg/Kg	1	1/5/2017			

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 22 of 59
- 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.

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Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell F-3V Collection Date: 12/27/2016 2:20:00 PM							
Project: C & C Landfarm								
Lab ID: 1612E68-023	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES		·			Analyst: NSB			
Benzene	ND	0.025	mg/Kg	1	1/4/2017 6:09:35 PM			
Toluene	ND	0.050	mg/Kg	1	1/4/2017 6:09:35 PM			
Ethylbenzene	ND	0.050	mg/Kg	⁻ 1	1/4/2017 6:09:35 PM			
Xylenes, Total	ND	0.10	mg/Kg	1	1/4/2017 6:09:35 PM			
Surr. 4-Bromofluorobenzene	92.7	80-120	%Rec	1	1/4/2017 6:09:35 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 5:52:30 PM			
EPA METHOD 418.1: TPH		,			Analyst MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017			

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

- ٠ Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- н 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
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 23 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68
Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell F-4V							
Project: C & C Landfarm			Collection	Date: 12/27/	2016 2:45:00 PM			
Lab ID: 1612E68-024	Matrix:	SOIL	Received	Date: 12/30/2	2016 9:30:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/4/2017 6:33:17 PM			
Toluene	ND	0.048	mg/Kg	1	1/4/2017 6:33:17 PM			
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 6:33:17 PM			
Xylenes, Total	ND	0.096	mg/Kg	1	1/4/2017 6:33:17 PM			
Surr: 4-Bromofluorobenzene	91.7	80-120	%Rec	1	1/4/2017 6:33:17 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/4/2017 6:04:54 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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 24 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT:	C&C Landfarm	Client Sample ID: Cell G-1V						
Project:	C & C Landfarm			Collectio	n Date: 12/27/201	6 3:10:00 PM		
Lab ID:	1612E68-025	Matrix:	SOIL	Receive	d Date: 12/30/201	6 9:30:00 AM		
Analyses		Result	PQL	Qual Units	DF 1	Date Analyzed		
EPA MET	HOD 8021B: VOLATILES					Analyst NSB		
Benzene		ND	0.024	mg/Kg	1	1/4/2017 6:56:57 PM		
Toluene		ND	0.048	mg/Kg	1	1/4/2017 6:56:57 PM		
Ethylben	zene	ND	0.048	mg/Kg	1	1/4/2017 6:56:57 PM		
Xylenes,	Total	ND	0.095	mg/Kg	1	1/4/2017 6:56:57 PM		
Surr: 4	1-Bromofluorobenzene	91.5	80-120	%Rec	1	1/4/2017 6:56:57 PM		
EPA MET	HOD 300.0: ANIONS					Analyst: MRA		
Chloride		ND	30	mg/Kg	20	1/5/2017 11:46:59 AM		
EPA MET	HOD 418.1: TPH					Analyst: MAB		
Petroleur	m Hydrocarbons, TR	ND	18	mg/Kg	1	1/5/2017		

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
- Н 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
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 25 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell G-2V							
Project: C & C Landfarm	Collection Date: 12/27/2016 3:30:00 PM							
Lab ID: 1612E68-026	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.024	mg/Kg	1	1/4/2017 7:20:38 PM			
Toluene	ND	0.049	mg/Kg	1	1/4/2017 7:20:36 PM			
Ethylbenzene	ND	0.049	mg/Kg	1	1/4/2017 7:20:36 PM			
Xylenes, Total	ND	0.097	mg/Kg	1	1/4/2017 7:20:36 PM			
Surr: 4-Bromofluorobenzene	90.9	80-120	%Rec	1	1/4/2017 7:20:36 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 12:24:11 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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
- н 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 S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 26 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Lab Order 1612E68

Date Reported: 1/10/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm

Project: C & C Landfarm

Client Sample ID: Cell G-3V Collection Date: 12/27/2016 3:55:00 PM

Lab ID: 1612E68-027	Matrix:	SOIL	Received D	Received Date: 12/30/2016 9:30:00 AM		
Analyses	Result	PQL Q	ial Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.025	mg/Kg	1	1/4/2017 7:44:14 PM	
Toluene	ND	0.050	mg/Kg	1	1/4/2017 7:44:14 PM	
Ethylbenzene	ND	0.050	mg/Kg	1	1/4/2017 7:44:14 PM	
Xylenes, Total	ND	0.10	mg/Kg	1	1/4/2017 7:44:14 PM	
Surr: 4-Bromofluorobenzene	93.6	80-120	%Rec	. 1	1/4/2017 7:44:14 PM	
EPA METHOD 300.0: ANIONS					Analyst: MRA	
Chloride	ND	30	mg/Kg	20	1/5/2017 1:01:23 PM	
EPA METHOD 418.1: TPH				-	Analyst MAB	
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017	

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

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н 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 S
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 27 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell G-4V						
Project: C & C Landfarm Lab ID: 1612E68-028 Analyses	Collection Date: 12/27/2016 4:15:00 PM						
	Matrix: SOIL		Received D	Received Date: 12/30/2016 9:30:00 AM			
	Result	PQL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst NSB		
Benzene	ND	0.025	mg/Kg	1	1/4/2017 8:07:50 PM		
Toluene	ND	0.050	mg/Kg	1	1/4/2017 8:07:50 PM		
Ethylbenzene	ND	0.050	mg/Kg	1	1/4/2017 8:07:50 PM		
Xylenes, Totai	ND	0.10	mg/Kg	1	1/4/2017 8:07:50 PM		
Surr: 4-Bromofluorobenzene	91.1	80-120	%Rec	1	1/4/2017 8:07:50 PM		
EPA METHOD 300.0: ANIONS		•			Analyst MRA		
Chloride	ND	30	mg/Kg	20	1/5/2017 1:38:37 PM		
EPA METHOD 418.1: TPH					Analyst MAB		
Petroleum Hydrocarbons, TR	ND	18	mg/Kg	1	1/5/2017		

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
- Н 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 S
- В Analyte detected in the associated Method Blank
- Value above quantitation range Ε
- Analyte detected below quantitation limits Page 28 of 59 J
- P Sample pH Not In Range
- **Reporting Detection Limit** RL
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68
Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell H-1V						
Project: C & C Landfarm	Collection Date: 12/27/2016 4:40:00 PM						
Lab ID: 1612E68-029 Analyses	Matrix: SOIL		Received Date: 12/30/2016 9:30:00 AM				
	Result	PQL Qua	al Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst NSB		
Benzene	ND	0.024	mg/Kg	1	1/4/2017 8:31:20 PM		
Toluene	ND	0.048	mg/Kg	1	1/4/2017 8:31:20 PM		
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 8:31:20 PM		
Xylenes, Total	ND	0.096	mg/Kg	1,	1/4/2017 8:31:20 PM		
Surr: 4-Bromofluorobenzene	92.4	80-120	%Rec	1	1/4/2017 8:31:20 PM		
EPA METHOD 300.0: ANIONS					Analyst MRA		
Chloride	ND	30	mg/Kg	20	1/5/2017 1:51:01 PM		
EPA METHOD 418.1: TPH					Analyst MAB		
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017		

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 29 of 59
- 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.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell H-2V						
Project: C & C Landfarm	Collection Date: 12/27/2016 5:05:00 PM						
Lab ID: 1612E68-030	Matrix: SOIL		Receive	Received Date: 12/30/2016 9:30:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst NSB		
Benzene	ND	0.023	mg/Kg	1	1/4/2017 8:54:54 PM		
Toluene	ND	0.047	mg/Kg	1	1/4/2017 8:54:54 PM		
Ethylberzene	ND	0.047	mg/Kg	1	1/4/2017 8:54:54 PM		
Xylenes, Total	ND	0.094	mg/Kg	1	1/4/2017 8:54:54 PM		
Surr: 4-Bromofluorobenzene	91.5	80-120	%Rec	1	1/4/2017 8:54:54 PM		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	ND	30	mg/Kg	20	1/5/2017 2:03:26 PM		
EPA METHOD 418.1: TPH					Analyst MAB		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017		

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 30 of 59
- 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.

Lab Order 1612E68
Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell H-3V Collection Date: 12/27/2016 5:25:00 PM					
Project: C & C Landfarm						
Lab ID: 1612E68-031	Matrix: SOIL		Received Date: 12/30/2016 9:30:00 AM			
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst NSB	
Benzene	ND	0.023	mg/Kg	1	1/4/2017 9:18:32 PM	
Toluene	ND	0.046	mg/Kg	1.	1/4/2017 9:18:32 PM	
Ethylbenzene	ND	0.046	mg/Kg	1	1/4/2017 9:18:32 PM	
Xylenes, Total	ND	0.092	mg/Kg	1	1/4/2017 9:18:32 PM	
Surr: 4-Bromofluorobenzene	93.0	80-120	%Rec	. 1	1/4/2017 9:18:32 PM	
EPA METHOD 300.0: ANIONS					Analyst MRA	
Chloride	ND	30	mg/Kg	20	1/5/2017 2:15:50 PM	
EPA METHOD 418.1: TPH					Analyst MAB	
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017	

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 31 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell H-4V						
Project: C & C Landfarm	Collection Date: 12/27/2016 5:50:00 PM						
Lab ID: 1612E68-032 Analyses	Matrix:	SOIL	Received 1	Received Date: 12/30/2016 9:30:00 AM			
	Result	PQL (Qual Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst NSB		
Benzene	ND	0.024	mg/Kg	1	1/4/2017 10:52:37 PM		
Toluene	ND	0.048	mg/Kg	1	1/4/2017 10:52:37 PM		
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 10:52:37 PM		
Xylenes, Total	ND	0.095	mg/Kg	1	1/4/2017 10:52:37 PM		
Surr: 4-Bromofluorobenzene	95.0	80-120	%Rec	1	1/4/2017 10:52:37 PM		
EPA METHOD 300.0: ANIONS					Analyst MRA		
Chloride	ND	30	mg/Kg	20	1/5/2017 2:28:14 PM		
EPA METHOD 418.1: TPH					Analyst: MAB		
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017		

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

- ٠ 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 S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limitsPage 32 of 59 J
- P Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified
Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell I-1V Collection Date: 12/28/2016 7:30:00 AM						
Project: C & C Landfarm							
Lab ID: 1612E68-033	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM		
Analyses	Result	PQL Qual	Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES		,			Analyst NSB		
Benzene	ND	0.024	mg/Kg	1	1/4/2017 11:16:08 PM		
Toluene	ND	0.048	mg/Kg	1	1/4/2017 11:16:08 PM		
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 11:16:08 PM		
Xylenes, Total	ND	0.097	mg/Kg	1	1/4/2017 11:16:08 PM		
Surr: 4-Bromofluorobenzene	92.5	80-120	%Rec	1	1/4/2017 11:16:08 PM		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	ND	30	mg/Kg	20	1/5/2017 2:40:39 PM		
EPA METHOD 418.1: TPH					Analyst: MAB		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017		

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 33 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm		Client Sample ID: Cell I-2V						
Project: C & C Landfarm	Collection Date: 12/28/2016 7:50:00 AM							
Lab ID: 1612E68-034	Matrix:	SOIL	Receive	ed Date: 12/30/2	016 9:30:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ŃD	0.024	mg/Kg	1	1/4/2017 11:39:38 PM			
Toluene	ND	0.048	mg/Kg	1	1/4/2017 11:39:38 PM			
Ethylbenzene	ND	0.048	mg/Kg	1	1/4/2017 11:39:38 PM			
Xylenes, Total	ND	0.096	mg/Kg	1	1/4/2017 11:39:38 PM			
Surr: 4-Bromofluorobenzene	92.0	80-120	%Rec	1	1/4/2017 11:39:38 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 2:53:04 PM			
EPA METHOD 418.1: TPH			•		Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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
- Н 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
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 34 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell I-3V					
Project: C & C Landfarm			Collection	n Date: 12/28/20)16 8:15:00 AM	
Lab ID: 1612E68-035	Matrix:	SOIL	Receive	d Date: 12/30/20)16 9:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.024	mg/Kg	1	1/5/2017 12:03:05 AM	
Toluene	ND	0.048	mg/Kg	1	1/5/2017 12:03:05 AM	
Ethylbenzene	ND	0.048	mg/Kg	1	1/5/2017 12:03:05 AM	
Xyienes, Total	ND	0.096	mg/Kg	1	1/5/2017 12:03:05 AM	
Surr: 4-Bromofluorobenzene	91.1	80-120	%Rec	1	1/5/2017 12:03:05 AM	
EPA METHOD 300.0: ANIONS					Analyst: MRA	
Chloride	ND	30	mg/Kg	20	1/5/2017 3:05:29 PM	
EPA METHOD 418.1: TPH					Analyst MAB	
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017	

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
- н 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
- Ε Value above quantitation range
- Analyte detected below quantitation limitsPage 35 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell I-4V							
Project: C & C Landfarm	Collection Date: 12/28/2016 8:40:00 AM							
Lab ID: 1612E68-036	Matrix:	SOIL	Received Date: 12/30/2016 9:30:00 AM					
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.023	mg/Kg	1	1/5/2017 12:26:47 AM			
Toluene	ND	0.047	mg/Kg	1	1/5/2017 12:26:47 AM			
Ethylbenzene	ND	0.047	mg/Kg	1	1/5/2017 12:26:47 AM			
Xylenes, Total	ND	0.094	mg/Kg	1	1/5/2017 12:26:47 AM			
Surr. 4-Bromofluorobenzene	92.1	80-120	%Rec	- 1	1/5/2017 12:26:47 AM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 3:17:54 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017			

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

- ٠ 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
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 36 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell J-1V						
Project: C & C Landfarm	Collection Date: 12/28/2016 9:10:00 AM						
Lab ID: 1612E68-037	Matrix:	SOIL	Receive	d Date: 12/30/2	016 9:30:00 AM		
Analyses	Result	PQL	Qual Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.024	mg/Kg	1	1/5/2017 12:50:19 AM		
Toluene	ND	0.047	mg/Kg	1	1/5/2017 12:50:19 AM		
Ethylbenzene	ND	0.047	mg/Kg	1	1/5/2017 12:50:19 AM		
Xylenes, Total	ND	0.095	mg/Kg	1	1/5/2017 12:50:19 AM		
Surr. 4-Bromofluorobenzene	91.9	80-120	%Rec	1	1/5/2017 12:50:19 AM		
EPA METHOD 300.0: ANIONS					Analyst MRA		
Chioride	ND	30	mg/Kg	20	1/5/2017 3:30:19 PM		
EPA METHOD 418.1: TPH					Anaiyst: MAB		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017		

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

- ٠ 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
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 37 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1612E68

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell J-2V							
Project: C & C Landfarm	Collection Date: 12/28/2016 9:30:00 AM							
Lab ID: 1612E68-038	Matrix:	SOIL	Received]	Received Date: 12/30/2016 9:30:00 AM				
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/5/2017 1:13:53 AM			
Toluene	ND	0.048	mg/Kg	1	1/5/2017 1:13:53 AM			
Ethylbenzene	· ND	0.048	mg/Kg	. 1	1/5/2017 1:13:53 AM			
Xylenes, Total	ND	0.097	mg/Kg	1	1/5/2017 1:13:53 AM			
Surr: 4-Bromofluorobenzene	92.4	80-120	%Rec	1	1/5/2017 1:13:53 AM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 4:07:33 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017			

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
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 38 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell J-3V				
Project: C & C Landfarm)16 9:45:00 AM			
Lab ID: 1612E68-039	Matrix:	SOIL	Receive	d Date: 12/30/20)16 9:30:00 AM
Analyses	Result	PQL	Qual Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	1/5/2017 1:37:21 AM
Toluene	ND	0.047	mg/Kg	1	1/5/2017 1:37:21 AM
Ethylbenzene	ND	0.047	mg/Kg	1	1/5/2017 1:37:21 AM
Xylenes, Total	ND	0.095	mg/Kg	1	1/5/2017 1:37:21 AM
Surr: 4-Bromofluorobenzene	90.3	80-120	%Rec	1	1/5/2017 1:37:21 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	1/5/2017 4:19:58 PM
EPA METHOD 418.1: TPH					Analyst MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017

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 39 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell J-4V					
Project: C & C Landfarm			Collection	Date: 12/28/2	2016 10:10:00 AM	
Lab ID: 1612E68-040	Matrix:	SOIL	Received	Date: 12/30/2	2016 9:30:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.024	mg/Kg	1	1/5/2017 2:00:49 AM	
Toluene	ND	0.048	mg/Kg	1	1/5/2017 2:00:49 AM	
Ethylbenzene	ND	0.048	mg/Kg	1	1/5/2017 2:00:49 AM	
Xylenes, Total	ND	0.097	mg/Kg	1	1/5/2017 2:00:49 AM	
Surr: 4-Bromofluorobenzene	89.7	80-120	%Rec	1	1/5/2017 2:00:49 AM	
EPA METHOD 300.0: ANIONS					Analyst MRA	
Chloride	ND	30	mg/Kg	20	1/5/2017 4:32:22 PM	
EPA METHOD 418.1: TPH					Analyst: MAB	
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017	

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

- ٠ 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
- RPD outside accepted recovery limits R
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 40 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell K-1V							
Project: C & C Landfarm	Collection Date: 12/28/2016 10:30:00 AM							
Lab ID: 1612E68-041	Matrix:	SOIL	Receive	d Date: 12/30/2	2016 9:30:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/4/2017 11:50:32 AM			
Toluene	ND	0.049	mg/Kg	1	1/4/2017 11:50:32 AM			
Ethylbenzene	ND	0.049	mg/Kg	1	1/4/2017 11:50:32 AM			
Xylenes, Totai	ND	0.098	mg/Kg	1	1/4/2017 11:50:32 AM			
Surr: 4-Bromofluorobenzene	93.9	80-120	%Rec	1	1/4/2017 11:50:32 AM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 4:44:47 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017			

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
- н 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
- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 41 of 59 J
- Ρ Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1612E68 Date Reported: 1/10/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm Client Sample ID: Cell K-2V **Project:** C & C Landfarm Collection Date: 12/28/2016 10:55:00 AM Lab ID: 1612E68-042 Matrix: SOIL Received Date: 12/30/2016 9:30:00 AM Result **PQL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst NSB Benzene ND 0.024 mg/Kg 1 1/5/2017 2:24:16 AM Toluene ND 0.047 ma/Ka 1 1/5/2017 2:24:16 AM Ethylbenzene ND 0.047 mg/Kg 1 1/5/2017 2:24:16 AM Xylenes, Total ND 0.095 mg/Kg 1/5/2017 2:24:16 AM 1 Surr: 4-Bromofluorobenzene 90.5 80-120 %Rec 1 1/5/2017 2:24:16 AM **EPA METHOD 300.0: ANIONS** Analyst MRA ND Chloride 30 mg/Kg 20 1/5/2017 4:57:11 PM **EPA METHOD 418.1: TPH** Analyst: MAB Petroleum Hydrocarbons, TR ND 19 mg/Kg 1 1/5/2017

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

~	
- V U	CI D.

- 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 42 of 59
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report
Lab Order 1612E68

Date Reported: 1/10/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm		-3V					
Project: C & C Landfarm	Collection Date: 12/28/2016 11:15:00 AM						
Lab ID: 1612E68-043	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM		
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES				-	Analyst NSB		
Benzene	ND	0.025	mg/Kg	1	1/5/2017 11:13:42 AM		
Toluene	ND	0.050	mg/Kg	1	1/5/2017 11:13:42 AM		
Ethylbenzene	ND	0.050	mg/Kg	1	1/5/2017 11:13:42 AM		
Xylenes, Totai	ND	0.099	mg/Kg	1	1/5/2017 11:13:42 AM		
Surr: 4-Bromofluorobenzene	92.1	80-120	%Rec	·1	1/5/2017 11:13:42 AM		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	ND	30	mg/Kg	20	1/5/2017 5:34:25 PM		
EPA METHOD 418.1: TPH					Analyst MAB		
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017		

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 43 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell K-4V					
Project: C & C Landfarm		2016 11:35:00 AM				
Lab ID: 1612E68-044	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM	
Analyses	Result	PQL (Qual Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst NSB	
Benzene	ND	0.023	mg/Kg	1	1/5/2017 11:37:21 AM	
Toluene	ND	0.046	mg/Kg	1	1/5/2017 11:37:21 AM	
Ethylbenzene	ND	0.046	mg/Kg	1	1/5/2017 11:37:21 AM	
Xylenes, Total	ND	0.092	mg/Kg	1	1/5/2017 11:37:21 AM	
Surr: 4-Bromofluorobenzene	92.0	80-120	%Rec	1	1/5/2017 11:37:21 AM	
EPA METHOD 300.0: ANIONS					Analyst MRA	
Chloride	ND	30	mg/Kg	20	1/5/2017 6:36:28 PM	
EPA METHOD 418.1: TPH					Analyst MAB	
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017	

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 S
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 44 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68

Date Reported: 1/10/2017

CLIENT: C&C Landfarm			Client Sample	e ID: Cell L	-1V			
Project: C & C Landfarm	Collection Date: 12/28/2016 12:00:00 PM							
Lab ID: 1612E68-045	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL (Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES			· · · · · · ·		Analyst: NSB			
Benzene	ND	0.024	mg/Kg	1	1/5/2017 12:01:04 PM			
Toluene	ND	0.047	mg/Kg	1	1/5/2017 12:01:04 PM			
Ethylbenzene	ND	0.047	mg/Kg	1	1/5/2017 12:01:04 PM			
Xyienes, Total	ND	0.095	mg/Kg	1	1/5/2017 12:01:04 PM			
Surr. 4-Bromofluorobenzene	92.0	80-120	%Rec	· 1	1/5/2017 12:01:04 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 6:48:53 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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

- Value exceeds Maximum Contaminant Level. ٠
- 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 S
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 45 of 59 J
- 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.

Lab Order 1612E68
Date Reported: 1/10/2017

CLIENT: C&C Landfarm			Client Sample	ID: Cell L	-2V			
Project: C & C Landfarm	Collection Date: 12/28/2016 12:20:00 PM							
Lab ID: 1612E68-046	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.024	mg/Kg	1	1/5/2017 12:24:48 PM			
Toluene	ND	0.047	mg/Kg	1	1/5/2017 12:24:48 PM			
Ethylbenzene	ND	0.047	mg/Kg	1	1/5/2017 12:24:48 PM			
Xylenes, Total	ND	0.095	mg/Kg	1	1/5/2017 12:24:48 PM			
Surr: 4-Bromofluorobenzene	91.8	80-120	%Rec	1	1/5/2017 12:24:48 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 7:01:18 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017			

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 46 of 59
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm			Client Sample	D: Cell L	-3V
Project: C & C Landfarm			Collection D	ate: 12/28/	2016 12:45:00 PM
Lab ID: 1612E68-047	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM
Analyses	Result	PQL	Qual Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst NSB
Benzene	ND	0.025	mg/Kg	1	1/5/2017 12:48:25 PM
Toluene	ND	0.049	. mg/Kg	1	1/5/2017 12:48:25 PM
Ethylbenzene	ND	0.049	mg/Kg	1	1/5/2017 12:48:25 PM
Xylenes, Total	ND	0.099	mg/Kg	1	1/5/2017 12:48:25 PM
Surr: 4-Bromofluorobenzene	90.8	80-120	%Rec	1	1/5/2017 12:48:25 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	1/5/2017 7:13:42 PM
EPA METHOD 418.1: TPH					Analyst MAB
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	¹	1/5/2017

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

- . Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- 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 S
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 47 of 59 J
- P Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Analytical Report Lab Order 1612E68

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/10/2017

CLIENT: C&C Landfarm Project: C & C Landfarm	Client Sample ID: Cell L-4V Collection Date: 12/28/2016 1:10:00 PM							
Lab ID: 1612E68-048	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qua	Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.023	mg/Kg	1	1/5/2017 1:12:01 PM			
Toluene	ND	0.047	mg/Kg	1	1/5/2017 1:12:01 PM			
Ethylbenzene	ND	0.047	mg/Kg	1	1/5/2017 1:12:01 PM			
Xylenes, Total	ND	0.093	mg/Kg	1	1/5/2017 1:12:01 PM			
Surr: 4-Bromofluorobenzene	91.3	80-120	%Rec	1	1/5/2017 1:12:01 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 7:26:07 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- 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 S
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 48 of 59 J
- Sample pH Not In Range Р
- **Reporting Detection Limit** RL

W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1612E68

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/10/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell M-1V							
Project: C & C Landfarm	Collection Date: 12/28/2016 1:30:00 PM							
Lab ID: 1612E68-049	Matrix:	SOIL	Received D	ate: 12/30/2	2016 9:30:00 AM			
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.025	mg/Kg	1	1/5/2017 1:35:40 PM			
Toluene	ND	0.049	mg/Kg	1	1/5/2017 1:35:40 PM			
Ethylbenzene	ND	0.049	mg/Kg	1	1/5/2017 1:35:40 PM			
Xylenes, Total	ND	0.098	mg/Kg	1	1/5/2017 1:35:40 PM			
Surr: 4-Bromofluorobenzene	92.7	80-120	%Rec	1	1/5/2017 1:35:40 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 7:38:32 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	1/5/2017			

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

- ٠ Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н 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
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 49 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm			Client San	nple ID: Cell M	-2V				
Project: C & C Landfarm	Collection Date: 12/28/2016 1:45:00 PM								
Lab ID: 1612E68-050	Matrix:	SOIL	Received Date: 12/30/2016 9:30:00 AM						
Analyses	Result	PQL	Qual Units	DF	Date Analyzed				
EPA METHOD 8021B: VOLATILES					Analyst: NSB				
Benzene	ND	0.025	mg/Kg	1	1/5/2017 1:59:15 PM				
Toluene	ND	0.049	mg/Kg	1	1/5/2017 1:59:15 PM				
Ethylbenzene	ND	0.049	mg/Kg	1	1/5/2017 1:59:15 PM				
Xylenes, Total	ND	0.099	mg/Kg	1	1/5/2017 1:59:15 PM				
Surr: 4-Bromofluorobenzene	90.0	80-120	%Rec	1	1/5/2017 1:59:15 PM				
EPA METHOD 300.0: ANIONS					Analyst MRA				
Chloride	ND	30	mg/Kg	20	1/5/2017 7:50:57 PM				
EPA METHOD 418.1: TPH					Analyst MAB				
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017				

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
- Н 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
- в Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 50 of 59 J
- 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.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm			Client Sample	e ID: Cell M	1-3V				
Project: C & C Landfarm	Collection Date: 12/28/2016 2:05:00 PM								
Lab ID: 1612E68-051	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM				
Analyses	Result	PQL Qual	Units	DF	Date Analyzed				
EPA METHOD 8021B: VOLATILES					Analyst: NSB				
Benzene	ND	0.024	mg/Kg	1	1/5/2017 2:22:56 PM				
Toluene	ND	0.047	mg/Kg	1	1/5/2017 2:22:56 PM				
Ethylberzene	ND	0.047	mg/Kg	1	1/5/2017 2:22:56 PM				
Xylenes, Total	ND	0.095	mg/Kg	1	1/5/2017 2:22:56 PM				
Surr: 4-Bromofluorobenzene	89.8	80-120	%Rec	1	1/5/2017 2:22:56 PM				
EPA METHOD 300.0: ANIONS					Analyst: MRA				
Chloride	ND	3.0	mg/Kg	2	1/5/2017 8:03:21 PM				
EPA METHOD 418.1: TPH					Analyst MAB				
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017				

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
- н 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
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limitsPage 51 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612E68 Date Reported: 1/10/2017

CLIENT: C&C Landfarm			Client Sample	e ID: Cell M	[-4V			
Project: C & C Landfarm	Collection Date: 12/28/2016 2:30:00 PM							
Lab ID: 1612E68-052	Matrix:	SOIL	Received D	ate: 12/30/	2016 9:30:00 AM			
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst NSB			
Benzene	ND	0.023	mg/Kg	1	1/5/2017 2:46:38 PM			
Toluene	ND	0.047	mg/Kg	1	1/5/2017 2:46:38 PM			
Ethylbenzene	ND	0.047	mg/Kg	1	1/5/2017 2:46:38 PM			
Xylenes, Total	ND	0.093	mg/Kg	1	1/5/2017 2:46:38 PM			
Surr: 4-Bromofluorobenzene	91.9	80-120	%Rec	1	1/5/2017 2:46:38 PM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	1/5/2017 8:15:45 PM			
EPA METHOD 418.1: TPH					Analyst MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	1/5/2017			

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

- Value exceeds Maximum Contaminant Level. ٠
- D Sample Diluted Due to Matrix
- Н 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
- в Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 52 of 59 J
- Ρ 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 #:

1612E68 10-Jan-17

Client:	C&C La	ndfarm								
Project:	C&CL	andfarm						··		
Sample ID	MB-29511	SampType:	mblk	Tes	tCode: Ef	PA Method	300.0: Anions			
Client ID:	PBS	Batch ID:	29511	F	RunNo: 38	9812				
Prep Date:	1/3/2017	Analysis Date:	1/3/2017	S	SeqNo: 12	247792	Units: mg/Kg	I		
Analyte		Result PC	OL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5							
Sample ID	LCS-29511	SampType:	ics	Tes	tCode: Ef	PA Method	300.0: Anions			
Client ID:	LCSS	Batch ID:	29511	, F	RunNo: 39	9812				
Prep Date:	1/3/2017	Analysis Date:	1/3/2017	S	SeqNo: 12	247793	Units: mg/Kg	I		
Analyte		Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5 15.00	0	91.9	90	110			
Sample ID	MB-29526	SampType:	mblk	Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	PBS	Batch ID:	29526	F	RunNo: 39	9836				
Prep Date:	1/4/2017	Analysis Date:	1/4/2017	S	ieqNo: 12	248 59 4	Units: mg/Kg	I		
Analyte		Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Chloride		ND	1.5							
Sample ID	LCS-29526	SampType:	lcs	Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	LCSS	Batch ID:	29526	F	tunNo: 39	9836				
Prep Date:	1/4/2017	Analysis Date:	1/4/2017	S	eqNo: 12	248595	Units: mg/Kg	I ···		
Analyte		Result PC	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5 15.00	0	95.1	90	110			
Sample ID	MB-29553	SampType:	mblk	Tes	Code: EF	PA Method	300.0: Anions			
Client ID:	PBS	Batch ID:	29553	F	tunNo: 39	9863				
Prep Date:	1/5/2017	Analysis Date:	1/5/2017	ຮ	ieqNo: 12	249616	Units: mg/Kg	I		
Analyte		Result PC	L SPK value	SPK Ref Vai	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5				·			
Sample ID	LCS-29553	SampType:	lcs	Tes	Code: El	PA Method	300.0: Anions			
Client ID:	LCSS	Batch ID:	29553	F	lunNo: 38	9863				
Prep Date:	1/5/2017	Analysis Date:	1/5/2017	S	eqNo: 12	249617	Units: mg/Kg	I		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5 15.00	0	94.4	90	110			

Qualifiers:

- . Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В

Ε Value above quantitation range

J Analyte detected below quantitation limits Page 53 of 59

Sample pH Not In Range RL. **Reporting Detection Limit**

P

W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: Project:	C&C] C & C	Landfarm Landfarm							
Sample ID	 MB-29 56 4	SampType: mbl	k	Test	Code: EPA Metho	d 300.0: Anion	8	· · · · · · ·	
Client ID:	PBS	Batch ID: 295	34	R	unNo: 39863				
Prep Date:	1/5/2017	Analysis Date: 1/5	2017	S	eqNo: 1249645	Units: mg/K	g		
Analyte	_	Result PQL	SPK value Si	PK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5	1						
Sample ID	LCS-29564	SampType: Ics		Test	Code: EPA Metho	d 300.0: Anion	8	<u> </u>	
Client ID:	LCSS	Batch ID: 295	i4	R	unNo: 39863				
Prep Date:	1/5/2017	Analysis Date: 1/5	2017	S	eqNo: 1249646	Units: mg/K	g		
Analyte		Result PQL	SPK value SI	PK Ref Val	%REC LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15 1.5	15.00	0	99.6 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

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WO#: 1612E68

QC SUMMARY REPORT Hall E

nvironmental	Analveie	Laboratory.	Inc
	Allaly 515	Laburatury,	1110.

WO#: 1612E68

10-Jan-17

Client:	C&C La	ndfarm									
Project:	C&CL	andfarm									
Sample ID	MB-29496	SamoTi	vne: MF		Tee	tCode: E	PA Method				
Client ID:	PBS	Batch	ID: 29	496	F	RunNo: 3	9804	410.1. 1111			
Prep Date:	1/3/2017	Analysis D	ate: 1/	4/2017		SeaNo: 1	247504	Units: ma/i	Ka		
Analida		Deput				N DEC	Loud Insid		-9 M B D D		Qual
Petroleum Hyd	drocarbons, TR	ND	20	SFR Value	SFR Rei Val	70REC	LOWLINI	rignuina	70 KPU	RPDLIMIL	Qual
Somela ID	1.05.20498	SomeT		e	Too	Codo: El	DA Method	440 4. TDU			
	LUS-29496	Sampig		-3 400	lea		PA WE(100	418.1: IPN			
Bron Date:	4/2/2047	Apolygia D	110. 23 mai: 44	420	r	Curino, 3 ConNo: 4	3004 247505		(-		
Fiep Date.	1/3/2017			4/2017	•	sequo. 1	24/000	oraits. mg/r	\ 9		
Analyte	the section of TD	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	liocaidons, I R	88	20	100.0	U	87.6	80.7	121			
Sample ID	LCSD-29496	SampTy	ype: LC	SD	Tes	tCode: El	PA Method	418.1: TPH			
Client ID:	LCSS02	Batch	ID: 29	496	f	RunNo: 3	9804				
Prep Date:	1/3/2017	Analysis Da	ate: 1/	4/2017	5	SeqNo: 1	247508	Units: mg/i	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyc	trocarbons, TR	86	20	100.0	0	86.3	80.7	121	1.45	20	
Sample ID	MB-29497	SampTy	ype: ME	BLK	Tes	tCode: El	PA Method	418.1: TPH			
Client ID:	PBS	Batch	ID: 29	497	F	RunNo: 3	9848				
Prep Date:	1/3/2017	Analysis Da	ate: 1/	5/2017		SeqNo: 1	248951	Units: mg/l	۲g		
Analyte		Result	POI	SPK value	SPK Ref Val	%RFC	low imit	Hight imit	%RPD	RPDI imit	Quat
Petroleum Hyd	trocarbons, TR	ND	20	er re raide		701120	Lottenint	- ngritaria			
Semale ID	1.05.20/07	Comm			Tee	Coder El		440 4. TDU		·····	
Client ID:	LC3-2747/	Samping	ype. LC ID: 20.	-3 407	163	RunNe: 2		418.1: IPN			
Dran Date:	4/2/2047	Anahmia D	1D. 234	431 5/2047	г с	Curino. 3 Social di	249952	linito: mad	-		
Frep Date:	1/3/2017		ale. 7/	0/2017		Seqno: 1	295932	Units: mg/r	\g		
Analyte	to and and TD	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	Trocardons, TR	93	20	100.0	U	92.8	80.7	121			
Sample ID	LCSD-29497	SampTy	ype: LC	SD	Tes	tCode: El	PA Method	418.1: TPH			
Client ID:	LCSS02	Batch	ID: 29 4	497	F	RunNo: 3	9848				
Prep Date:	1/3/2017	Anatysis Da	ate: 1/	5/2017	8	SeqNo: 1	248953	Units: mg/h	<g< td=""><td></td><td></td></g<>		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyc	trocarbons, TR	92	20	100.0	0	91.6	80.7	121	1.37	20	

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
- B Analyte detected in the associated Method Blank
- Ε Value above quantitation range

Sample pH Not In Range

- J Analyte detected below quantitation limits
- Page 55 of 59

RL **Reporting Detection Limit**

P

W Sample container temperature is out of limit as specified

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	C&C L	andfarm									
Project:	C & C	Landfarm									
Sample ID	MB-29498	SampTy	pe: ME	BLK	Tes	tCode: E	PA Method	418.1: TPH			· · · · · ·
Client ID:	PBS	Batch	ID: 29	498	F	RunNo: 3	9848	•			
Prep Date:	1/3/2017	Analysis Da	te: 1/	5/2017	S	SeqNo: 1	248974	Units: mg/H	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	trocarbons, TR	ND	_ 20								
Sample ID	LCS-29498	SampTy	pe: LC	S	Tes	tCode: E	PA Method	418.1: TPH			
Client ID:	LCSS	Batch	D: 29	498	· F	RunNo: 3	9848				
Prep Date:	1/3/2017	Analysis Da	te: 1/	5/2017	S	SeqNo: 1	248975	Units: mg/M	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	frocarbons, TR	93	20	100.0	0	92.8	80.7	121			
Sample ID	LCSD-29498	SampTy	pe: LC	SD	Tes	tCode: E	PA Method	418.1: TPH		<u></u>	
Client ID:	LCSS02	Batch	D: 29	498	F	RunNo: 3	9848				
Prep Date:	1/3/2017	Analysis Da	te: 1/	5/2017	S	ieqNo: 1	248976	Units: mg/M	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	trocarbons, TR	88	20	100.0	0	87.8	80.7	121	5.59	20	

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
- PSample pH Not In RangeRLReporting Detection Limit
- W Sample container temperature is out of limit as specified

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WO#: 1612E68

QC SUMMARY REPORT

C&C Landfarm

Client:

Hal	l Envii	ronmental	Ana	lysis	La	bora	tory,	Inc.
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C & C Landfarm **Project:** Sample ID MB-29475 SampType: MBLK TestCode: EPA Method 8021B: Volatiles PBS Batch ID: 29475 Client ID: RunNo: 39786 Prep Date: 12/30/2016 Analysis Date: 1/3/2017 SeqNo: 1247226 Units: mg/Kg SPK value SPK Ref Val %REC Analyte Result PQL LowLimit **HighLimit** %RPD **RPDLimit** Qual 0.025 Benzene ND ND 0.050 Toluene 0.050 ND Ethylbenzene Xylenes, Total ND 0.10 1.000 Surr: 4-Bromofluorobenzene 0.91 91.5 80 120 SampType: LCS Sample ID LCS-29475 TestCode: EPA Method 8021B: Volatiles Batch ID: 29475 Client ID: LCSS RunNo: 39786 Analysis Date: 1/3/2017 Prep Date: 12/30/2016 SeqNo: 1247227 Units: mg/Kg SPK value SPK Ref Val %REC Result PQL LowLimit HighLimit %RPD **RPDLimit** Analyte Qual Benzene 1.1 0.025 1.000 0 106 75.2 115 0.99 0.050 1.000 0 99.3 80.7 Toluene 112 0.96 0.050 1.000 0 96.1 78.9 117 Ethylbenzene 0 10 3.000 n 97 4 79.2 2.9 115 Xylenes, Total 95.6 Surr: 4-Bromofluorobenzene 0.96 1.000 80 120 Sample ID 1612E68-001AMS SampType: MS TestCode: EPA Method 8021B: Volatiles Batch ID: 29475 RunNo: 39786 Client ID: Cell A-1V Prep Date: 12/30/2016 Analysis Date: 1/3/2017 SeqNo: 1247229 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 0.009896 0.023 0.90 0.9259 96.4 61.5 138 Benzene 0.89 0.046 0.9259 0.01761 94.3 71.4 127 Toluene 0.87 0.046 0.9259 ۵ 94.5 70.9 132 Ethylbenzene 26 0.093 2.778 0.02455 94.0 76.2 123 Xylenes, Total 0.91 0.9259 978 80 120 Surr: 4-Bromofluorobenzene Sample ID 1612E68-001AMSD SampType: MSD TestCode: EPA Method 8021B: Volatiles Client ID: Cell A-1V Batch ID: 29475 RunNo: 39786 Prep Date: 12/30/2016 Analysis Date: 1/3/2017 SeqNo: 1247230 Units: mg/Kg SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit **HighLimit** Qual 0.93 0.024 0.9737 0.009896 94.1 61.5 2.61 Benzene 138 20 0.92 0.049 0.9737 0.01761 93.1 71.4 127 3.70 20 Toluene 0.049 0.9737 94.9 70.9 20 0.92 ٥ 132 5.44 Ethylbenzene 92.8 3.78 0.097 2.921 0.02455 76.2 Xylenes, Total 2.7 123 20 Surr: 4-Bromofluorobenzene 0.94 0.9737 96.9 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

Sample pH Not In Range

J Analyte detected below quantitation limits

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RL Reporting Detection Limit

P

W Sample container temperature is out of limit as specified

WO#: 1612E68

QC SUMMARY REPORT ry, Inc.

Hall Env	Ironmental	is Ladora	110
			_

Client:	C&C La	ndfarm									
Project:	C & C L	andfarm									
Sample ID	MB-29478	Samp	Type: MI	BLK	Tea	stCode: E	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	h ID: 29	478	F	RunNo: 3	9826				
Prep Date:	12/30/2016	Analysis (Date: 1/	4/2017	8	SeqNo: 1	248154	Units: mg/i	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bron	nafluarobenzene	0.95		1.000		95.0	80	120			
Sample ID	LCS-29478	Samp	Type: LC	s	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 29	478	F	RunNo: 3	9826				
Prep Date: 12/30/2016 Analysis Date: 1/4/2017 SeqNo: 1248155 Units: mg/Kg											
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		1.1	0.025	1.000	0	107	75.2	115			
Toluene		1.0	0.050	1.000	0	103	80.7	112			
Ethylbenzene		1.0	0.050	1.000	0	99 .7	78.9	117			
Xylenes, Total		3.0	0.10	3.000	0	100	79.2	115			
Surr: 4-Bron	nafluarobenzene	0.97		1.000		97.0	80	120			
Sample ID	1612E68-021AMS	S Samp	Type: M	S	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	Cell F-1V	Batc	h ID: 29	478	F	RunNo: 3	9826				
Prep Date:	12/30/2016	Analysis [Date: 1/	4/2017	5	SeqNo: 1	248157	Units: mg/ł	Kg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.97	0.025	0.9862	0	98.8	61.5	138			
Toluene		0.98	0.049	0.9862	0.01849	97.1	71.4	127			
Ethylbenzene		0.96	0.049	0.9862	0	97.2	70.9	132			
Xylenes, Total		2.9	0.099	2.959	0.02518	96.1	76.2	123			
Surr: 4-Bron	nofluoroberizene	0.95		0.9862		96.2	80	120			
Sample ID	1612E68-021AMS	D Samp	Гуре: М	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	Cell F-1V	Batc	h ID: 29	478	F	RunNo: 3	9826				
Prep Date:	12/30/2016	Analysis [Date: 1/	4/2017	5	SeqNo: 1	248158	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.92	0.024	0.9461	0	96.7	61.5	138	6.27	20	
Toluene		0.92	0.047	0.9461	0.01849	95.1	71.4	127	6.06	20	
Ethylbenzene		0.91	0.047	0.9461	0	96.4	70.9	132	5.07	20	
Xylenes, Total		2.7	0.095	2.838	0.02518	95.8	76.2	123	4.39	20	
Sur ARm	nduombenzene	0.90		0.9461		95.3	80	120	n	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level. .
- D Sample Diluted Due to Matrix
- Н 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
- В Analyte detected in the associated Method Blank
- Value above quantitation range Ē

Sample pH Not In Range

J Analyte detected below quantitation limits

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RL **Reporting Detection Limit**

P

W Sample container temperature is out of limit as specified **WO#**: 1612E68

QC SUMMARY REPORT

Hall Environmenta	l Ana	lysis :	La	borator	y,	Inc.
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Client: **Project:**

C&C Landfarm C & C Landfarm

Sample ID MB-29480	Samp	Type: MI	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 29	480	F	RunNo: 3	9826				
Prep Date: 12/30/2016	Analysis (Date: 1/	4/2017	5	SeqNo: 1	248178	Units: mg/l	٢g		
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	0.93		1.000		93.2	80	120			
Sample ID L.CS-29480	Samp	Type: LC	s	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 29	480	F	RunNo: 3	9826				
Prep Date: 12/30/2016	Analysis [Date: 1/	4/2017	5	SeqNo: 1	248179	Units: mg/i	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.4	75.2	115			
Toluene	0.97	0.050	1.000	. 0	97.0	80.7	112			
Ethylbenzene	0.98	0.050	1.000	0	98.5	78.9	117			
Xylenes, Total	2.9	0.10	3.000	0	97.9	79.2	115			
Surr: 4-Bromofluoroberizene	0.97		1.000		97.3	80	120			
Sample ID 1612E68-041AM	S Samp	Type: MS	<u></u> -	Tes	tCode: E	PA Method	8021B: Vola	tiles	<u></u>	
Client ID: Cell K-1V	Batc	h ID: 29	480	F	RunNo: 3	9826				
Prep Date: 12/30/2016	Analysis (Date: 1/	4/2017	8	SeqNo: 1	248181	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Berzene	0.93	0.023	0.9363	0	99.7	61.5	138			
Toluene	0.94	0.047	0.9363	0.01587	98.7	71.4	127			
Ethylbenzene	0.94	0.047	0.9363	0	100	70.9	132			
Xylenes, Total	2.8	0.094	2.809	0.02480	98.9	76.2	123			
Surr: 4-Bromofluorobenzene	0.90		0.9363		96.3	80	120			
Sample ID 1612E68-041AM	SD Samp	Type: MS	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: Cell K-1V	Batc	h ID: 29	480	F	RunNo: 3	9826				
Prep Date: 12/30/2016	Analysis [Date: 1/	4/2017	5	SeqNo: 1	248182	Units: mg/h	۲g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.024	0.9681	0	100	61.5	138	4.13	20	
Toluene	0.96	0.048	0.9681	0.01587	97.2	71.4	127	1.76	20	
Ethylbenzene	0.97	0.048	0.9681	0	9 9.9	70.9	132	3.24	20	
Xylenes, Total	2.9	0.097	2.904	0.02480	97.8	76.2	123	2.14	20	
Surr 4-Bromofluorobenzene	0.95	•	0.9681		97.7	80	120	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level. .
- D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- 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
- Ε Value above quantitation range

Sample pH Not In Range

J Analyte detected below quantitation limits Р

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

WO#: 1612E68

HALL Hall Envir ENVIRONMENTAL ANALYSIS LABORATORY TEL: 505- Webstu	ronmental Analysis Labort 4901 Hawkin Albuquerque, NM 8 -345-3975 FAX: 505-345- e: www.hallenvironmental	atory 109 Sam 107 Leom	ple Log-in C ł	eck List
Client Name: C&C LANDFARM Work Order	r Number: 1612E68		RaptNo:	1
Received by/date: RE 12/30/	16	-		
Logged By: Andy Jansson 12/30/2016 9	:30:00 AM	anyma		
Completed By: Lindsøy Aragon 12/30/2016 9	:52;44 AM	Lindery and	por.	
Reviewed By: 12 2	solio	0		
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 🗋		
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 🗹	NAL	
10. VOA vials have zero headspace?	Yes 🗌	No 🗖	No VOA Viais 🗹	
11. Were any sample containers received broken?	Yes	No 🗹	# of preserved	
12. Does paperwork match bottle labels?	Yes 🗹	No 🗖	for pH:	
(Note discrepancies on chain of custody)	_	-	(<2 or Adjusted 2	>12 unless noted)
13. Are matrices correctly identified on Chain of Custody?	Yes 🗹			
14. Is it clear what analyses were requested?	Tes 🗹		Chacked by:	
(If no, notify customer for authorization.)				
Special Handling (if applicable)				
16. Was client notified of all discrepancies with this order?	Yes	No 🗆	NA 🔽	
Daraan Natifiad	Data			
By Whom:	Via: Cettaii C	Phone 🗍 Fav	in Person	
Regarding:				
Client Instructions:	· · · · · · · · · · · · · · · · · · ·		<u> </u>	
17. Additional remarks:				
18. Cooler Information				
Cooler No Temp °C Condition Seal Intact Se	al No Seal Date	Signed By		
1 4.3 Good Yes	.i .i			

C	hain	of-Cu	stody Record	Tum-Around	Time:								C I	MM			n R	A F	· NT		-
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Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		BTEX + MTI	BTEX + MT	TPH 8015B	TPH (Metho	EDB (Metho	PAH's (831(RCRA 8 Me	Anions (F,C	8081 Pestic	8260B (VO/	8270 (Semi-	Chlin			Air Bubbles
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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.

C	hain-	of-Cu	stody Record	Turn-Around	Time:								e m a	мт	D٨			ں. 1114		
lient:	Ctu	1	oul-fam.	Standard	🗆 Rush						NI		en (st	'S		BO	RA	TO	RY	,
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Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	1000000 1012E6 3	BTEX + MT	BTEX + MT	TPH 8015B	TPH (Metho	EDB (Metho	PAH's (831	RCRA 8 Me		8260B (VO/	8270 (Semi	Chland			Air Bubbles
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if necessary, sample 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.

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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.

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If necessary, samples ubmitted to Hall Environmental may be subcontracted to other accredited taboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

alling hone mail o	Address	-of-Cu ? La Box st N 5. 39	stody Record 1 55 55 55 55 55 55 55 55 55	Turn-Around Time: Yel Standard \Box Rush Project Name: C+C Landfarm Project #: B, - Handrah C+C Varlow Project Manager: J. Cosper				HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request													× •
Standard Image: Level 4 (Full Validation) ccreditation I NELAP Other I EDD (Type) Date Time Matrix Sample Request ID				Sampler. Sample Tem Container Type and #	Preservative	PINO PIEAL No	EX + MTBE + TMB's	EX + MTBE + TPH (G	1 8015B (GRO / DRC	H (Method 418.1)	3 (Method 504.1)	1's (8310 or 8270 SI	RA 8 Metals	ons (F,CI,NO ₃ ,NO ₂ ,P	11 Pesticides / 8082 F	(B) (VOA)	0 (Semi-VOA)	Abirda.			Bubbles (Y or N)
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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.

Chain-of-Custody Record				Turn-Around Time:																			
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HALL ENVIRONMENTAL ANALYSIS LABORATORY

January 03, 2017

Jim Cooper C&C Landfarm Box 55 Monument, NM 88265 TEL: (575) 390-2454 FAX

RE: C & C Landfarm

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

OrderNo.: 1612C61

Dear Jim Cooper:

Hall Environmental Analysis Laboratory received 13 sample(s) on 12/22/2016 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 <u>www.hallenvironmental.com</u> 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,

and

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109
Analytical Report Lab Order 1612C61

Date Reported: 1/3/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell A-T							
Project:	C & C Landfarm			Collection	Date: 12	/20/2016 10:15:00 A	М		
Lab ID:	1612C61-001	Matrix:	Received	Received Date: 12/22/2016 9:40:00 AM					
Analyses		Result	PQL Que	al Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analy	st: LGT		
Chloride		73	30	mg/Kg	20	12/29/2016 1:35:05 P	M 29462		
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS	3			Analy	st: TOM		
Diesel Ra	ange Organics (DRO)	160	9.6	mg/Kg	1	12/29/2016 10:54:20	AM 29423		
Motor Oil	Range Organics (MRO)	230	48	mg/Kg	1	12/29/2016 10:54:20	AM 29423		
Surr: D	DNOP	116	70-130	%Rec	1	12/29/2016 10:54:20	AM 29423		
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analy	st NSB		
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	12/27/2016 10:12:36	PM 29392		
Surr: E	SFB	95.0	68.3-144	%Rec	1 -	12/27/2016 10:12:36	PM 29392		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Dage 1 of 16
	ND	Not Detected at the Reporting Limit	Р	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

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612C61 Date Reported: 1/3/2017

CLIENT:	C&C Landfarm	Client Sample ID: Cell B-T							
Project:	C & C Landfarm			Collection	Date: 12	/20/2016 10:40:00 AM	ſ		
Lab ID:	1612C61-002	Matrix:	Matrix: SOIL			Received Date: 12/22/2016 9:40:00 AM			
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	THOD 300.0: ANIONS					Analyst	LGT		
Chloride		2.2	1.5	mg/Kg	1	12/29/2016 2:37:08 PM	29462		
EPA ME1	THOD 8015M/D: DIESEL RA	NGE ORGANIC	3			Analys	: TOM		
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	12/29/2016 2:42:52 PM	29423		
Motor Oi	il Range Organics (MRO)	ND	50	mg/Kg	1	12/29/2016 2:42:52 PM	29423		
Surr. (DNOP	107	70-130	%Rec	1	12/29/2016 2:42:52 PM	29423		
EPA MET	THOD 8015D: GASOLINE R	ANGE				Analyst	NSB		
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	12/27/2016 10:36:05 P	M 29392		
Sum: 1	BFB	97.6	68.3-144	%Rec	1	12/27/2016 10:36:05 P	M 29392		

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

Qualifiers: *	Value exceeds Maximum	Contaminant Level.
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- Sample Diluted Due to Matrix D
- 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
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 16 J
- Sample pH Not In Range Р
- **Reporting Detection Limit** RL

W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1612C61

Date Reported: 1/3/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Sampl	e ID: Ce	Ш С-Т	
Project:	C & C Landfarm			Collection]	Date: 12	/20/2016 11:10:00 A	М
Lab ID:	1612C61-003	Matrix:	Received]	Received Date: 12/22/2016 9:40:00 AM			
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analy	st: LGT
Chloride		3.3	1.5	mg/Kg	1	12/29/2016 3:01:57 P	M 29462
EPA MET	HOD 8015M/D: DIESEL R	ANGE ORGANICS	3			Analy	st TOM
Diesel R	ange Organics (DRO)	23	10	mg/Kg	1	12/29/2016 11:40:35	AM 29423
Motor Oi	Range Organics (MRO)	, 79	50	mg/Kg	1	12/29/2016 11:40:35	AM 29423
Surr: [DNOP	95.8	70-130	%Rec	1	12/29/2016 11:40:35	AM 29423
EPA MET	HOD 8015D: GASOLINE	RANGE			2	Analy	st NSB
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	12/27/2016 10:59:29	PM 29392
Surr: E	3FB	96.9	68.3-144	%Rec	1	12/27/2016 10:59:29	PM 29392

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	tion or analysis exceeded J Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	Р	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

Analytical Report
Lab Order 1612C61
Date Reported: 1/3/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C	C&C Landfarm			Client Sampl	e ID: Ce	ell D-T	
Project: C	C & C Landfarm			Collection 1	Date: 12	/20/2016 11:50:00 A	М
Lab ID: 1	612C61-004	Matrix: SOIL Received			Date: 12/22/2016 9:40:00 AM		
Analyses	· · · · · · · · · · · · · · · · · · ·	Result	PQL Qu	ual Units	DF	Date Analyzed	Batch
EPA METH	OD 300.0: ANIONS					Analy	st LGT
Chloride		38	1.5	mg/Kg	1	12/29/2016 3:26:46	PM 29462
EPA METH	OD 8015M/D: DIESEL RAI	NGE ORGANIC	\$			Analy	st TOM
Diesel Ran	ge Organics (DRO)	ND	9.5	mg/Kg	1	12/29/2016 12:03:36	PM 29423
Motor Oil R	lange Organics (MRO)	ND	48	mg/Kg	1	12/29/2016 12:03:36	PM 29423
Suit: DN	IOP	112	70-130	%Rec	1	12/29/2016 12:03:36	PM 29423
EPA METH	OD 8015D: GASOLINE RA	NGE		,		Analy	st NSB
Gasoline R	ange Organics (GRO)	ND	4.8	mg/Kg	1	12/27/2016 11:22:59	PM 29392
Sur: BF	B	99.4	68.3-144	%Rec	1	12/27/2016 11:22:59	PM 29392

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Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Dage 4 of 16
	ND	Not Detected at the Reporting Limit	Р	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

Analytical Report	
Lab Order 1612C61	

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/3/2017

CLIENT:	C&C Landfarm	Client Sample ID: Cell E-T								
Project:	C & C Landfarm			Collection	Date: 12	/20/2016 12:15:00 PM	1			
Lab ID:	1612C61-005	Matrix:	Received	Received Date: 12/22/2016 9:40:00 AM						
Analyses	· · · · · · · · · · · · · · · · · · ·	Result	PQL Qu	al Units	DF	Date Analyzed	Batch			
EPA MET	THOD 300.0: ANIONS					Analys	t LGT			
Chloride		1.9	1.5	mg/Kg	· 1	12/29/2016 3:51:35 PM	1 29462			
EPA MET	HOD 8015M/D: DIESEL R	ANGE ORGANIC	8			Analys	t TOM			
Diesel R	ange Organics (DRO)	51	9.6	mg/Kg	1	12/29/2016 3:09:57 PM	1 29423			
Motor Oi	Range Organics (MRO)	150	48	mg/Kg	1	12/29/2016 3:09:57 PM	1 29423			
Surr: I	DNOP	125	70-130	%Rec	່ 1	12/29/2016 3:09:57 PM	1 29423			
EPA MET	THOD 8015D: GASOLINE F	ANGE				Analys	t NSB			
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	12/27/2016 11:46:29 P	M 29392			
Surr: (BFB	98.4	68.3-144	%Rec	. 1	12/27/2016 11:46:29 P	M 29392			

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Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 5 of 16
	ND	Not Detected at the Reporting Limit	Р	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
- Sample container temperature is out of limit as specified W

Analytical Report Lab Order 1612C61

Date Reported: 1/3/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell F-T								
Project:	C & C Landfarm	Collection Date: 12/20/2016 12:45:00 PM								
Lab ID:	1612C61-006	Matrix: SOIL		Received Date: 12/22/2016 9:40:00 Al						
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst	LGT			
Chloride		5.1	1.5	mg/Kg	1	12/29/2016 4:41:14 PM	29462			
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS	3			Analyst:	TOM			
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	12/29/2016 3:36:58 PM	29423			
Motor Oi	Range Organics (MRO)	· ND	50	mg/Kg	1	12/29/2016 3:36:58 PM	29423			
Surr: I	DNOP	121	70-130	%Rec	- 1	12/29/2016 3:36:58 PM	29423			
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	NSB			
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	12/28/2016 12:09:51 AM	1 29392			
Sun: E	3FB	97.0	68.3-144	%Rec	1	12/28/2016 12:09:51 AM	1 29392			

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

Qualifiers:		Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 6 of 16
	ND Not Detected at the Reporting Limit		Р	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

Analytical Report Lab Order 1612C61

Date Reported: 1/3/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell G-T							
Project:	C & C Landfarm	Collection Date: 12/20/2016 1:15:00 PM							
Lab ID:	1612C61-007	Matrix:	Received Date: 12/22/2016 9:40:00 AM						
Analyses		. Result	PQL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS	,		· · · ·		Analyst	LGT		
Chloride		8.3	1.5	mg/Kg	1	12/29/2016 5:06:04 PM	29462		
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANIC	S			Analyst	TOM		
Diesel Ra	ange Organics (DRO)	17	9.5	mg/Kg	1	12/29/2016 4:03:55 PM	29423		
Motor Oil	Range Organics (MRO)	75	47	mg/Kg	1	12/29/2016 4:03:55 PM	29423		
Surr: [DNOP	115	70-130	%Rec	1	12/29/2016 4:03:55 PM	29423		
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	NSB		
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	12/28/2016 12:33:27 AM	A 29392		
Surr: E	BFB	99.4	68.3-144	%Rec	1	12/28/2016 12:33:27 AM	A 29392		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 7 of 16
	ND	Not Detected at the Reporting Limit	Р	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

Analytical Report Lab Order 1612C61 Date Reported: 1/3/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm Client Sample ID: Cell H-T C & C Landfarm Collection Date: 12/20/2016 1:40:00 PM **Project:** Lab ID: 1612C61-008 Matrix: SOIL Received Date: 12/22/2016 9:40:00 AM Analyses Result **PQL** Qual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 6.6 12/29/2016 5:30:52 PM 29462 1.5 mg/Kg 1 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM **Diese! Range Organics (DRO)** ND 9.4 12/29/2016 4:31:12 PM 29423 ma/Ka 1 12/29/2016 4:31:12 PM 29423 Motor Oil Range Organics (MRO) 49 47 mg/Kg 1 Surr: DNOP %Rec 116 70-130 1 12/29/2016 4:31:12 PM 29423 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB mg/Kg Gasoline Range Organics (GRO) ND 4.7 1 12/28/2016 2:07:14 AM 29392 Surr. BFB 101 68.3-144 %Rec 12/28/2016 2:07:14 AM 29392 1

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

alifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected i
	D	Sample Diluted Due to Matrix	E	Value above quan

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Qu

- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- in the associated Method Blank
- titation range
- Analyte detected below quantitation limits Page 8 of 16 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified w

Analytical Report Lab Order 1612C61

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 1/3/2017

CLIENT:	C&C Landfarm	Client Sample ID: Cell I-T							
Project:	C & C Landfarm	Collection Date: 12/20/2016 2:05:00 PM							
Lab ID:	1612C61-009	Matrix:	Received Date: 12/22/2016 9:40:00 A						
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS		·	• •	-	Analyst	LGT		
Chloride		2.6	1.5	mg/Kg	.1	12/29/2016 5:55:42 PM	29462		
EPA MET	HOD 8015M/D: DIESEL R/	ANGE ORGANIC	8			Analyst	том		
Diesel Ra	ange Organics (DRO)	11	10	mg/Kg	[.] 1	12/29/2016 4:58:13 PM	29423		
Motor Oil	Range Organics (MRO)	ND	50	mg/Kg	1	12/29/2016 4:58:13 PM	29423		
Surr: D	DNOP	116	70-130	%Rec	1	12/29/2016 4:58:13 PM	29423		
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst:	NSB		
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	12/28/2016 2:30:37 AM	29392		
Surr: E	SFB	97.5	68.3-144	%Rec	1	12/28/2016 2:30:37 AM	29392		

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

- Sample Diluted Due to Matrix D
- H Holding times for preparation or analysis exceeded
- 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
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 9 of 16 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612C61 Date Reported: 1/3/2017

CLIENT :	C&C Landfarm	Client Sample ID: Cell J-T							
Project:	C & C Landfarm	Collection Date: 12/20/2016 2:30:00 PM							
Lab ID:	1612C61-010	Matrix: SOIL		Received Date: 12/22/2016 9:40:00 A					
Analyses		Result	PQL Qua	l Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	LGT		
Chloride		42	1.5	mg/Kg	1	12/29/2016 6:20:31 PM	29462		
EPA MET	HOD 8015M/D: DIESEL R/	ANGE ORGANIC	8			Analyst	: TOM		
Diesel R	ange Organics (DRO)	12	10	mg/Kg	1	12/29/2016 5:25:15 PM	29423		
Motor Oi	Range Organics (MRO)	ND	50	mg/Kg	1	12/29/2016 5:25:15 PM	29423		
Surr: (DNOP	118	70-130	%Rec	1	12/29/2016 5:25:15 PM	29423		
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	12/28/2016 2:54:06 AM	29392		
Surr: E	BFB	100	68.3-144	%Rec	1	12/28/2016 2:54:06 AM	29392		

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Reie	Refer to the QC Summary report and sample login checking for magged QC data and preservation mormation.						
Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank			
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range			
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 10 of 16			
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range			
	D	PPD outside accented moneyers limits	DI	Penorting Detection I imit			

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

W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1612C61

Date Reported: 1/3/2017

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell K-T							
Project:	C & C Landfarm	Collection Date: 12/20/2016 3:10:00 PM							
Lab ID:	1612C61-011	Matrix:	SOIL	Received Date: 12/22/2016 9:40:00 AM					
Analyses		Result	PQL Qua	l Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS				-	Analyst	LGT		
Chloride		19	1.5	mg/Kg	1	12/29/2016 7:10:08 PM	29462		
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANIC	8			Analyst	TOM		
Diesel R	ange Organics (DRO)	ND	10	mg/Kg	1	12/29/2016 2:45:31 PM	29423		
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	12/29/2016 2:45:31 PM	29423		
Surr: (DNOP	102	70-130	%Rec	1	12/29/2016 2:45:31 PM	29423		
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	NSB		
Gasoline	Range Organics (GRO)	ND	5.0	mg/Kg	1	12/28/2016 3:17:31 AM	29392		
Surr: I	BFB	98.0	68.3-144	%Rec	1	12/28/2016 3:17:31 AM	29392		

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- * 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 11 of 16
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612C61

Date Reported: 1/3/2017

CLIENT:	C&C Landfarm	Client Sample ID: Cell L-T							
Project:	C & C Landfarm	Collection Date: 12/20/2016 3:30:00 PM							
Lab ID;	1612C61-012	Matrix: SOIL		Received Date: 12/22/2016 9:40:00					
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	HOD 300.0: ANIONS					Analyst	LGT		
Chloride		1.6	1.5	mg/Kg	1	12/29/2016 7:34:57 PM	29462		
EPA MET	HOD 8015M/D: DIESEL R/	ANGE ORGANIC	5			Analyst	TOM		
Diesel R	ange Organics (DRO)	89	9.8	mg/Kg	1	12/29/2016 3:08:36 PM	29423		
Motor Oi	I Range Organics (MRO)	200	49	mg/Kg	1	12/29/2016 3:08:36 PM	29423		
Surr. (DNOP	115	70-130	%Rec	1	12/29/2016 3:08:36 PM	29423		
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	: NSB		
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	12/28/2016 3:41:11 AM	29392		
Sun: I	BFB	98.0	68.3-144	%Rec	1	12/28/2016 3:41:11 AM	29392		

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K

- num 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 S
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 12 of 16 J
- Р Sample pH Not In Range
- RL. **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1612C61 Date Reported: 1/3/2017

CLIENT:	C&C Landfarm			Client Samp	le ID: Ce	11 M-T	
Project:	C & C Landfarm			Collection	Date: 12	20/2016 3:50:00 PM	
Lab ID:	1612C61-013	Matrix:	SOIL	Received	Date: 12	/22/2016 9:40:00 AM	_
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA MET	HOD 300.0: ANIONS					Analyst	LGT
Chloride		43	1.5	mg/Kg	1	12/29/2016 7:59:47 PM	29462
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANIC	3			Analyst	TOM
Diesel Ra	ange Organics (DRO)	15	9.8	mg/Kg	1	12/29/2016 3:31:44 PM	29423
Motor Oil	Range Organics (MRO)	ND .	49	mg/Kg	1	12/29/2016 3:31:44 PM	29423
Surr: [DNOP	95.4	70-130	%Rec	1	12/29/2016 3:31:44 PM	29423
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	12/28/2016 4:04:45 AM	29392
Surr: E	BFB	97.7	68.3-144	%Rec	1	12/28/2016 4:04:45 AM	29392

Qualifiers:	*	Value exceeds Maximum Contaminant Level	В	Analyte detected in

- 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 S
- the associated Method Blank
- Value above quantitation range Е
- Analyte detected below quantitation limits Page 13 of 16 J
- 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.

Client:	C&C L	andfarm										
Project:		Landiarm										
Sample ID	MB-29462	SampT	ype: Mi	BLK	Tes	tCode: E	PA Method	300.0: Anior	18			·
Client ID:	PBS	Batch	n ID: 29	462	F	RunNo: 3	9748					
Prep Date:	12/29/2016	Analysis D	ate: 12	2/29/2016	8	SeqNo: 1	245635	Units: mg/h	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride		ND	1.5									
Sample ID	LCS-29462	SampT	ype: LC	s	Tes	tCode: El	PA Method	300.0: Anior	15			
Client ID;	LCSS	Batch	ı ID: 29	462	F	RunNo: 3	9748					
Prep Date:	12/29/2016	Analysis D	ate: 12	2/29/2016	5	SeqNo: 1	245636	Units: mg/h	۲g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	· · · · · ·	14	1.5	15.00	0	93.8	90	110				

Qualifiers:

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

P

W Sample container temperature is out of limit as specified Page 14 of 16

WO#: 1612C61

03-Jan-17

QC SUMMARY REPORT

C&C Landfarm

Client:

WO#: 1612C61

03-Jan-17

Hall Environmental Analysis Laboratory, Inc.

Project: C&CI	andfarm									
Sample ID LCS-29423	Samp	Type: LC	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batc	h ID: 29	423	F	RunNo: 3	9712				
Prep Date: 12/28/2016	Analysis [Date: 12	2/29/2016	8	SeqNo: 1	244401	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.6	63.8	116			
Suit: DNOP	4.6		5.000		92.7	70	130			
Sample ID MB-29423	Samp	ype: Mi	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batci	h ID: 29	423	F	RunNo: 3	9712				
Prep Date: 12/28/2016	Analysis (Date: 12	2/29/2016	S	eqNo: 1	244402	Units: mg/h	(g		
A L 4-	Dent	POI	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte	Result		Of IC fulles							
Analyte liesel Range Organics (DRO)	ND	10								
Analyte Jiesel Range Organics (DRO) Iotor Oil Range Organics (MRO)	ND ND	10								

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

Page 15 of 16

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1612C61

0**3-Jan-**17

Client: C&C Landfarm C & C Landfarm Project: Sample ID MB-29392 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 29392 RunNo: 39665 Prep Date: 12/23/2016 Analysis Date: 12/27/2016 SeqNo: 1242756 Units: mg/Kg %RPD Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit **RPDLimit** Qual Gasoline Range Organics (GRO) ND 50 Sur: BFB 980 1000 98.3 68.3 144 Sample ID LCS-29392 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 29392 RunNo: 39665 Prep Date: 12/23/2016 Analysis Date: 12/27/2016 SeqNo: 1242758 Units: mg/Kg %RPD Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPDLimit Qual Gasoline Range Organics (GRO) 21 5.0 25.00 85.0 74.6 123 0 Surr: BFB 1100 1000 106 68.3 144 Sample ID 1612C61-001AMS TestCode: EPA Method 8015D: Gasoline Range SampType: MS Client ID: Cell A-T Batch ID: 29392 RunNo: 39665 Analysis Date: 12/27/2016 Prep Date: 12/23/2016 SeqNo: 1242760 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit **HighLimit** %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 21 4.6 23.15 0 92.3 61.3 150 990 925.9 68.3 Sur: BFB 107 144 Sample ID 1612C61-001AMSD TestCode: EPA Method 8015D: Gasoline Range SampType: MSD Client ID: Cell A-T Batch ID: 29392 RunNo: 39665 Prep Date: 12/23/2016 Analysis Date: 12/27/2016 SeqNo: 1242762 Units: mg/Kg %REC RPDLimit %RPD Analyte Result SPK value SPK Ref Val LowLimit HighLimit PQL Qual Gasoline Range Organics (GRO) 22 4.8 24.25 Ω 92.4 61.3 150 4.82 20 1100 969.9 110 68.3 Surr. BFB 144 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

Page 16 of 16

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

HALL

2

ANALYSIS LABORATORY

ENVIRONMENTAL

Sample Log-In Check List

Client	t Name:		ARM	Work C)rder Numb	er: 1612Ci	51			RcptNo	x: 1
Recei	ved by/dat	· 19	12 22	16							
Logge Comp Revie	id By: [_]) Neted By:] Wed By:	ndsey (_indsey Gr	Iragon Aragon T	12/22/20 - 12-12 \Z	16 9:40:00 2/16 [23/]1	am 6					
Chair	n of Cus	todv	J								
1. C	ustody sea	is intact on se	mple bottles?			Yes		No		Not Present 🗹	
2. Is	Chain of C	custody comp	lete?			Yes	Z	No		Not Present	
3, Ho	ow was the	sample deliv	ered?			Courie	ſ				
Log	<u>In</u> :										
4. w	vas an atte	mpt made to	cool the samp	ies?		Yes		No		NA 🗔]
5. W	/ere all san	nples received	l at a tempera	ture of >0° C	to 6.0°C	Yes		No		NA 🗆	
6. s	ample(s) ir	n proper conta	lner(s)?			Yes		No			
7. Si	ufficient sa	mpie volume i	for indicated te	est(s)?		Yes	Z	No	.		
8. Ar	re samples	(except VOA	and ONG) pro	operly preserve	ed?	Yes (2	No			
9. W	las preserv	rative added t	bottles?			Yes		No		na 🗆	
10.v	OA vials ha	ave zero head	space?			Yes]	No		No VOA Vials 🗹	
11. V	Vere any si	ample contain	ers received b	roken?		Yes		No		# of processed	
12.D	ices paperv	work match bo	ttie labels?	*		Yes	✓	No		for pH:	or >12 unless noted)
13 A	re matrices	correctly idea	ntified on Chai	/ n of Custody?		Yes		No		Adjusted?	
14, is	it clear wh	at analyses w	ere requested	?		Yes		No			
15. W (I	/ere all hol f no, notify	ding times abl customer for i	e to be met? authorization.)			Yes	7	No		Checked by:	
<u>Spec</u>	lal Hand	lling (if app	<u>dicable)</u>								
16. W	las client n	ctified of all d	screpancies v	with this order?	•	Yes		No		NA 🗹	l
Γ	Perso	n Notified:			Date						
	By Wh	iom:		· · · · · · · · · · · · · · · · · · ·	Via:	. eMai		Phone 🗌	Fax	In Person	
ĺ	Regard	ding:					-	ومعادية بالشواعي			
	Client	Instructions:									
17. A	Additional r	emarks:									
18. <u>c</u>	Cooler Info	mation	Canadition	Bast Internet		Caal De	. I	Cineral D		ł	
	1	1.8	Good	Yes	Seal NO	3881 U81		Signed H	y		
					······					I 	
	Page 1 of	f 1									

C	hain.	of-Cu	stody Record	Turn-Around	Time:] _										ł	· ~(٥ ⁻	
Aatiling A	Address	Land Box	55 M 88265	Project #:	Cantfar	m Annagl o	HALL ENVIRONMENT ANALYSIS LABORAT www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request							Y						
A/QC P	Fax#: sackage:	55 54 P	Level 4 (Full Validation)	Project Mana	iger:	[realune	B's (8021) H (Gas only) DRO / MRO) DRO / MRO) D2.PO4.SO4) 82 PCB's													
	ation \P	D Othe	۲	Sampler:	MIC Yes	Ч 10 No.	WL +	+ TΡ	RO/I	118.1)	504.1)	r 8270	6	O ₃ ,NC	s / 80((A)			S N
] EDD Date	(Type)_ Time	Matrix	Sample Request ID	Sample Tem Container Type and #	Preservative Type	8 HEAL No.	BTEX + MTBE	BTEX + MTBE	TPH 8015B (G	TPH (Method 4	EDB (Method {	PAH's (8310 ol	RCRA 8 Metal	Anions (F,CI,N	8081 Pesticide	8260B (VOA)	8270 (Semi-VC	Chlanle		Air Bubbles (Y
20	10.15	Soul	GILA-T	1-407	ice	-001			V									V		
320	10.90	Soil	GLIB-T	1- 402	ice	-002			J									J		
120	1/10	Soil	CH C- T	1-402	ice	-003			5									V		
120	11:50	5	GUL D -T	1.402	ICRI	-004			J				Ĺ					\checkmark		
120	12: 15	Sal	Cipl E-T	1-402	ico	-005			2									\checkmark		
2/20	12:45	So'l	CLEF-T	1-407	ice	-006			/									1		
120	1:15	Sol	CODG-T	1-402	leer	-007			J											
120	1140		C.00 H - T	1-402	ieu	-008			\checkmark									J		
30	<u> 20.5</u>	Soil	Colo I-T	1-407	ice	-009			2									2		
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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.

Chain-of-Custody Record	Turn-Around Time:	
Alling Address: Rox 55	Project Name: C.J.C. Law Darn	4901 Hawkins NE - Albuquerque, NM 87109
Monument NM 88265 2000 #: 575 . 392 . 22.36	Project#: Bi Annual C+C Trota t Zone	Tel. 505-345-3975 Fax 505-345-4107 Analysis Request
Imail or Fax#: Sesure 04 000000000000000000000000000000000000	Project Manager:	's (8021) (Gas only) RO / MRO) SIMS) SIMS) 2 PCB's 2 PCB's
Accreditation INELAP ID Other EDD (Type)	Sampler: Euso Di teo Sample Temperature: , 8	BE + TMB BE + TPH BE + TPH BC + TPH d (GRO / D d 504.1) d 70 d 0 or 8270 d 10 d 10 d 10 d 10 d 10 d 10 d 10 d 1
Date Time Matrix Sample Request ID	Container Type and # Type HEAL No.	BTEX + MT BTEX + MT TPH 8015B TPH 8015B Aleth PAH's (831 RCRA 8 Mk Anions (F,C Anions (F,C) Anions (F,C
220 2/30 50 / Gell J-T	1-497 ICE -010	
2/20/3:10 Sol GUR K-T	1-40 100 -011	
2 20 3:30 Sol Gel L-T	1-40 (c) -012	
2120 3:50 Sol Gle M-T	1-403 100 -013	
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If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited informationes. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



C & C LANDFARM BOX 55 MONUMENT, NM 88265

NMOCD Environmental ATTN: Brad Jones 1220 South St. Francis Drive Santa Fe, NM 87505

RE: C & C Landfarm

Mr. Jones:

Please find the attached request and/or information concerning C & C.

We appreciate your continued patience as we get everything as you requested.

Thanks for your help.

Jemme T Cooper

Jimmie T. Cooper Owner - Operator C & C Landfarm 575-397-2045

August 2016

NMOCD Environmental 1220 South ST. Francis Drive Santa FE, NM 87505

RE: C & C Landfarm (NM-1-012) Sampling

Mr. Jones:

Find within the Treatment Zone and Vadose Zone sampling as required.

I have compared the data to my background and PQL, and all are in compliance.

Should you have any questions, please call.

Thanks,

elin W-

Eddie Seay Consulting, Agent 601 W. Illinois Hobbs, NM 88242 575-392-2236 seay04@leaco.net

cc: C & C Landfarm - Jimmie T. Cooper

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

July 29, 2016

Jim Cooper C&C Landfarm Box 55 Monument, NM 88265 TEL: (575) 390-2454 FAX

RE: C & C Landfarm (Vadose)

OrderNo.: 1607A89

Dear Jim Cooper:

Hall Environmental Analysis Laboratory received 52 sample(s) on 7/21/2016 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 <u>www.hallenvironmental.com</u> 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,

Ande

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Sampl	e ID: Cell A	-1-V				
Project:	C & C Landfarm (Vadose)			Collection]	Date: 7/18/20	016 6:10:00 AM				
Lab ID:	1607A89-001	Matrix:	SOIL	Received 1	Received Date: 7/21/2016 9:55:00 AM					
Analyses		Result	PQL (Qual Units	DF	Date Analyzed				
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB				
Benzene	•	ND	0.025	mg/Kg	1	7/22/2016 4:56:48 PM				
Toluene		ND	0.049	mg/Kg	1	7/22/2016 4:56:48 PM				
Ethylben	zene	ND	0.049	mg/Kg	1	7/22/2016 4:56:48 PM				
Xylenes,	Total	ND	0.098	mg/Kg	1	7/22/2016 4:56:48 PM				
Surr: 4	4-Bromofluorobenzene	93.4	80-120	%Rec	1	7/22/2016 4:56:48 PM				
EPA MET	HOD 300.0: ANIONS					Analyst: LGT				
Chloride		ND	30	mg/Kg	20	7/25/2016 8:06:15 PM				
EPA MET	HOD 418.1: TPH					Analyst: MAB				
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/26/2016				

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

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range Ε
- Analyte detected below quantitation limits Page 1 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm Client Sample ID: Cell A-2-V C & C Landfarm (Vadose) Collection Date: 7/18/2016 6:35:00 AM Project: Received Date: 7/21/2016 9:55:00 AM Lab ID: 1607A89-002 Matrix: SOIL Analyses Result **PQL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 1 7/23/2016 1:34:19 AM Toluene ND 0.050 mg/Kg 1 7/23/2016 1:34:19 AM mg/Kg ND 0.050 7/23/2016 1:34:19 AM Ethylbenzene 1 7/23/2016 1:34:19 AM Xylenes, Total ND 0.10 mg/Kg 1 Surr: 4-Bromofluorobenzene 95.3 80-120 %Rec 1 7/23/2016 1:34:19 AM **EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 7/25/2016 9:08:18 PM ND 30 20 mg/Kg EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 20 mg/Kg 1 7/26/2016

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 2 of 59
	ND	Not Detected at the Reporting Limit	Р	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:	C&C Landfarm	Client Sample ID: Cell A-3-V									
Project:	C & C Landfarm (Vadose)			Collection	Date: 7/18/20	16 7:00:00 AM					
Lab ID:	1607A89-003	Matrix:	SOIL	Received	Date: 7/21/20	16 9:55:00 AM					
Analyses		Result	PQL	Qual Units	DF	Date Analyzed					
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB					
Benzene		ND	0.024	mg/Kg	1	7/23/2016 1:57:44 AM					
Toluene		ND	0.049	mg/Kg	1	7/23/2016 1:57:44 AM					
Ethylben	zene	ND	0.049	mg/Kg	1	7/23/2016 1:57:44 AM					
Xylenes,	Total	ND	0.097	mg/Kg	1	7/23/2016 1:57:44 AM					
Surr: 4	-Bromofluorobenzene	94.5	80-120	%Rec	1	7/23/2016 1:57:44 AM					
EPA MET	HOD 300.0: ANIONS					Analyst: LGT					
Chłoride		ND	30	mg/Kg	20	7/25/2016 9:20:43 PM					
EPA MET	HOD 418.1: TPH					Analyst: MAB					
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/26/2016					

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	lysis exceeded J Analyte detected below quantitation	
	ND Not Detected at the Reporting Limit		Р	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
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm Client Sample ID: Cell A-4-V C & C Landfarm (Vadose) Collection Date: 7/18/2016 7:18:00 AM Project: Lab ID: 1607A89-004 Matrix: SOIL Received Date: 7/21/2016 9:55:00 AM Result **PQL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 1 7/23/2016 2:21:04 AM mg/Kg Toluene ND 0.048 1 7/23/2016 2:21:04 AM Ethylbenzene ND 0.048 mg/Kg 1 7/23/2016 2:21:04 AM Xylenes, Total ND 0.095 mg/Kg 7/23/2016 2:21:04 AM 1 Surr: 4-Bromofluorobenzene 92.0 80-120 %Rec 1 7/23/2016 2:21:04 AM **EPA METHOD 300.0: ANIONS** Analyst: LGT 7/25/2016 9:33:07 PM Chloride ND 30 mg/Kg 20 EPA METHOD 418.1: TPH Analyst: MAB ND 1 7/26/2016 Petroleum Hydrocarbons, TR 19 mg/Kg

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 4 of 59
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	ST	% 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: C&C Landfarm Client Sample ID: Cell B-1-V Collection Date: 7/18/2016 7:40:00 AM Project: C & C Landfarm (Vadose) 1607A89-005 Matrix: SOIL Received Date: 7/21/2016 9:55:00 AM Lab ID: DF Analyses Result **PQL** Qual Units Date Analyzed **EPA METHOD 8021B: VOLATILES** Analyst: NSB mg/Kg Benzene ND 0.025 7/23/2016 2:44:29 AM 1 Toluene ND 0.049 mg/Kg 1 7/23/2016 2:44:29 AM Ethylbenzene ND 0.049 mg/Kg 1 7/23/2016 2:44:29 AM Xylenes, Total ND 0.099 mg/Kg 1 7/23/2016 2:44:29 AM Surr: 4-Bromofluorobenzene 92.8 80-120 %Rec 1 7/23/2016 2:44:29 AM **EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride ND 30 20 7/25/2016 9:45:32 PM mg/Kg EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 20 mg/Kg 1 7/26/2016

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

Qualifiers:

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 59
- 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.

CLIENT: C&C Landfarm			Client Sampl	e ID: Cell B	-2-V
Project: C & C Landfarm (Vadose)			Collection I	Date: 7/18/2	016 8:05:00 AM
Lab ID: 1607A89-006	Matrix:	SOIL	Received I	Date: 7/21/2	016 9:55:00 AM
Analyses	Result	PQL	Qual Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	7/23/2016 3:07:48 AM
Toluene	ND	0.047	mg/Kg	1	7/23/2016 3:07:48 AM
Ethylbenzene	ND	0.047	mg/Kg	1	7/23/2016 3:07:48 AM
Xylenes, Total	ND	0.095	mg/Kg	1	7/23/2016 3:07:48 AM
Surr: 4-Bromofluorobenzene	95.6	80-120	%Rec	1	7/23/2016 3:07:48 AM
EPA METHOD 300.0: ANIONS					Analyst: LGT
Chloride	ND	30	mg/Kg	20	7/25/2016 9:57:56 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	7/26/2016

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

Qualifiers:

*

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 59
- 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.

CLIENT:	C&C Landfarm			Client Sample	e ID: Cell B	-3-V
Project:	C & C Landfarm (Vadose)			Collection I	Date: 7/18/2	016 8:25:00 AM
Lab ID:	1607A89-007	Matrix:	SOIL	Received I	Date: 7/21/2	016 9:55:00 AM
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB
Benzene		ND	0.024	mg/Kg	1	7/23/2016 3:31:04 AM
Toluene		ND	0.047	mg/Kg	1	7/23/2016 3:31:04 AM
Ethylben	zene	ND	0.047	mg/Kg	1	7/23/2016 3:31:04 AM
Xylenes,	Total	ND	0.094	mg/Kg	1	7/23/2016 3:31:04 AM
Surr: 4	4-Bromofluorobenzene	92.6	80-120	%Rec	1	7/23/2016 3:31:04 AM
EPA MET	HOD 300.0: ANIONS					Analyst: LGT
Chloride		ND	30	mg/Kg	20	7/25/2016 10:10:21 PM
EPA MET	HOD 418.1: TPH					Analyst: MAB
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	7/26/2016

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

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- 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
- В Analyte detected in the associated Method Blank
- Value above quantitation range E
- Analyte detected below quantitation limits Page 7 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client San	nple ID: Cell B-4	-V
Project:	C & C Landfarm (Vadose)			Collectio	n Date: 7/18/201	6 9:00:00 AM
Lab ID:	1607A89-008	Matrix:	SOIL	Receive	ed Date: 7/21/201	6 9:55:00 AM
Analyses		Result	PQL	Qual Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB
Benzene		ND	0.024	mg/Kg	1	7/23/2016 3:54:39 AM
Toluene		ND	0.048	mg/Kg	1	7/23/2016 3:54:39 AM
Ethylben	zene	ND	0.048	mg/Kg	1	7/23/2016 3:54:39 AM
Xylenes,	Total	ND	0.096	mg/Kg	1	7/23/2016 3:54:39 AM
Surr: 4	1-Bromofluorobenzene	93.2	80-120	%Rec	1	7/23/2016 3:54:39 AM
ΕΡΑ ΜΕΤ	HOD 300.0: ANIONS					Analyst: LGT
Chloride		ND	30	mg/Kg	20	7/25/2016 10:22:45 PM
EPA MET	HOD 418.1: TPH					Analyst: MAB
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	7/26/2016

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- * 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 59
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1607A89

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/29/2016

CLIENT: C&C Landfarm	Client Sample ID: Cell C-1-V						
Project: C & C Landfarm (Vadose)			Collection D	ate: 7/18/2	016 9:25:00 AM		
Lab ID: 1607A89-009	Matrix:	SOIL	Received D	ate: 7/21/20	016 9:55:00 AM		
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.025	mg/Kg	1	7/23/2016 4:18:08 AM		
Toluene	ND	0.050	mg/Kg	1	7/23/2016 4:18:08 AM		
Ethylbenzene	ND	0.050	mg/Kg	1	7/23/2016 4:18:08 AM		
Xylenes, Total	ND	0.099	mg/Kg	1	7/23/2016 4:18:08 AM		
Surr: 4-Bromofluorobenzene	93.2	80-120	%Rec	1	7/23/2016 4:18:08 AM		
EPA METHOD 300.0: ANIONS					Analyst: LGT		
Chloride	ND	30	mg/Kg	20	7/25/2016 10:35:10 PM		
EPA METHOD 418.1: TPH					Analyst: MAB		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	7/26/2016		

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

Qualifiers:

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- 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
- Analyte detected in the associated Method Blank в
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 9 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm		Client Sample ID: Cell C-2-V					
Project: C & C Landfarm (Vad	ose)		Collection]	Collection Date: 7/18/2016 9:55:00 AM			
Lab ID: 1607A89-010	Matrix:	SOIL	Received 1	Date: 7/21/2	016 9:55:00 AM		
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATIL	ES				Analyst: NSB		
Benzene	ND	0.024	mg/Kg	1	7/23/2016 3:29:38 AM		
Toluene	ND	0.048	mg/Kg	1	7/23/2016 3:29:38 AM		
Ethylbenzene	ND	0.048	mg/Kg	1	7/23/2016 3:29:38 AM		
Xylenes, Total	ND	0.097	mg/Kg	1	7/23/2016 3:29:38 AM		
Surr: 4-Bromofluorobenzene	111	80-120	%Rec	1	7/23/2016 3:29:38 AM		
EPA METHOD 300.0: ANIONS					Analyst: LGT		
Chloride	ND	30	mg/Kg	20	7/25/2016 10:47:35 PM		
EPA METHOD 418.1: TPH					Analyst: MAB		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	7/26/2016		

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

Qualifiers:

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- 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
- в Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 10 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified w

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell C-3-V					
Project:	C & C Landfarm (Vadose)			Collection	on Date: 7/18/201	6 10:15:00 AM	
Lab ID:	1607A89-011	Matrix:	SOIL	Receiv	ed Date: 7/21/201	6 9:55:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB	
Benzene		ND	0.025	mg/Kg	1	7/23/2016 3:53:49 AM	
Toluene		ND	0.050	mg/Kg	1	7/23/2016 3:53:49 AM	
Ethylben	zene	ND	0.050	mg/Kg	1	7/23/2016 3:53:49 AM	
Xylenes,	Total	ND	0.099	mg/Kg	1	7/23/2016 3:53:49 AM	
Surr: 4	4-Bromofluorobenzene	114	80-12 0	%Rec	1	7/23/2016 3:53:49 AM	
EPA MET	HOD 300.0: ANIONS					Analyst: MRA	
Chloride		ND	30	mg/Kg	20	7/26/2016 12:01:12 PM	
EPA MET	THOD 418.1: TPH					Analyst: MAB	
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/26/2016	

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- * Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- 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
- в Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 11 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell C-4-V					
Project:	C & C Landfarm (Vadose)				Collection	n Date: 7/18/2010	5 10:35:00 AM
Lab ID:	1607A89-012	Matrix:	SOIL		Received	i Date: 7/21/2010	5 9:55:00 AM
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed
EPA MET	HOD 8021 B: VOLATILES						Analyst: NSB
Benzene		ND	0.025		mg/Kg	1	7/23/2016 4:18:01 AM
Toluene		ND	0.049		mg/Kg	1	7/23/2016 4:18:01 AM
Ethylben	zene	ND	0.049		mg/Kg	1	7/23/2016 4:18:01 AM
Xylenes,	Total	ND	0.099		mg/Kg	1	7/23/2016 4:18:01 AM
Surr: 4	4-Bromofluorobenzene	120	80-120	S	%Rec	1	7/23/2016 4:18:01 AM
EPA MET	HOD 300.0: ANIONS						Analyst: MRA
Chloride		ND	30		mg/Kg	20	7/26/2016 1:03:16 PM
EPA MET	HOD 418.1: TPH						Analyst: MAB
Petroleur	m Hydrocarbons, TR	ND	20		mg/Kg	1	7/26/2016

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

Qualifiers:

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 59
- 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.

CLIENT:	C&C Landfarm	Client Sample ID: Cell D-1-V Collection Date: 7/18/2016 11:00:00 AM					
Project:	C & C Landfarm (Vadose) 1607A89-013						
Lab ID:		Matrix: SOIL			Received Date: 7/21/2016 9:55:00 AM		
Analyses		Result	PQL	Qual U	Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB
Benzene	•	ND	0.024		mg/Kg	1	7/23/2016 4:42:15 AM
Toluene		ND	0.048		mg/Kg	1	7/23/2016 4:42:15 AM
Ethylben	zene	ND	0.048		mg/Kg	1	7/23/2016 4:42:15 AM
Xylenes,	Total	ND	0.097		mg/Kg	1	7/23/2016 4:42:15 AM
Surr: 4-Bromofluorobenzene		115	80-120		%Rec	1	7/23/2016 4:42:15 AM
EPA MET	HOD 300.0: ANIONS						Analyst: MRA
Chloride		ND	30		mg/Kg	20	7/26/2016 1:40:30 PM
EPA MET	THOD 418.1: TPH						Analyst: MAB
Petroleum Hydrocarbons, TR		ND	19		mg/Kg	1	7/26/2016

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

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- 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
- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 13 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W
Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell D-2-V								
Project:	C & C Landfarm (Vadose)			Collection D	ate: 7/18/20	016 11:20:00 AM				
Lab ID:	1607A89-014	Matrix:	SOIL	Received D	ate: 7/21/20	016 9:55:00 AM				
Analyses		Result	PQL Q	ual Units	DF	Date Analyzed				
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB				
Benzene		ND	0.025	mg/Kg	1	7/23/2016 5:06:21 AM				
Toluene		ND	0.050	mg/Kg	1	7/23/2016 5:06:21 AM				
Ethylben	zene	ND	0.050	mg/Kg	1	7/23/2016 5:06:21 AM				
Xylenes,	Total	ND	0.099	mg/Kg	1	7/23/2016 5:06:21 AM				
Surr: 4	-Bromofluorobenzene	116	80-120	%Rec	1	7/23/2016 5:06:21 AM				
EPA MET	HOD 300.0: ANIONS					Analyst: MRA				
Chloride		ND	30	mg/Kg	20	7/26/2016 1:52:55 PM				
ЕРА МЕТ	HOD 418.1: TPH					Analyst: MAB				
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	7/26/2016				

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 14 of 50
	ND	Not Detected at the Reporting Limit	Р	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: C&C Landfarm			Client Sam	ple ID: Cell D-	-3-V
Project: C & C Landfarm (Vadose)			Collection	n Date: 7/18/20	016 12:00:00 PM
Lab ID: 1607A89-015	Matrix:	SOIL	Received	d Date: 7/21/20	016 9:55:00 AM
Analyses	Result	PQL	Qual Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	7/23/2016 9:59:22 AM
Toluene	ND	0.049	mg/Kg	1	7/23/2016 9:59:22 AM
Ethylbenzene	ND	0.049	mg/Kg	1	7/23/2016 9:59:22 AM
Xylenes, Total	ND	0.098	mg/Kg	1	7/23/2016 9:59:22 AM
Surr: 4-Bromofluorobenzene	95.7	80-120	%Rec	1	7/23/2016 9:59:22 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	7/26/2016 2:05:20 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	7/26/2016

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range Ε
- Analyte detected below quantitation limits Page 15 of 59 J
- Sample pH Not In Range Ρ
- **Reporting Detection Limit** RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm			Client Sample ID: Cell D-4-V			
Project: C & C Landfarm (Vadose)			Collection I	ate: 7/18/20	016 12:20:00 PM	
Lab ID: 1607A89-016	Matrix:	SOIL	Received I	ate: 7/21/20	016 9:55:00 AM	
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.024	mg/Kg	1	7/23/2016 10:22:49 AM	
Toluene	ND	0.048	mg/Kg	1	7/23/2016 10:22:49 AM	
Ethylbenzene	ND	0.048	mg/Kg	1	7/23/2016 10:22:49 AM	
Xylenes, Total	ND	0.096	mg/Kg	1	7/23/2016 10:22:49 AM	
Surr. 4-Bromofluorobenzene	95.1	80-120	%Rec	1	7/23/2016 10:22:49 AM	
EPA METHOD 300.0: ANIONS					Analyst: MRA	
Chloride	ND	30	mg/Kg	20	7/26/2016 2:17:44 PM	
EPA METHOD 418.1: TPH					Analyst: MAB	
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	7/26/2016	

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

Qualifiers:

*

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 16 of 59
- 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.

CLIENT: C&C Landfarm Client Sample ID: Cell E-1-V Project: C & C Landfarm (Vadose) Collection Date: 7/18/2016 3:30:00 PM 1607A89-017 Lab ID: Matrix: SOIL Received Date: 7/21/2016 9:55:00 AM Analyses Result **PQL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 1 7/23/2016 10:46:18 AM Toluene ND 0.049 mg/Kg 1 7/23/2016 10:46:18 AM Ethylbenzene ND 0.049 mg/Kg 1 7/23/2016 10:46:18 AM 0.097 Xylenes, Total ND mg/Kg 1 7/23/2016 10:46:18 AM Surr: 4-Bromofluorobenzene 95.4 80-120 %Rec 1 7/23/2016 10:46:18 AM EPA METHOD 300.0: ANIONS Analyst: MRA Chloride ND 7/26/2016 2:30:08 PM 30 mg/Kg 20 EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 19 1 7/26/2016 mg/Kg

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 17 of 50
	ND	Not Detected at the Reporting Limit	Р	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

Analytical Report Lab Order 1607A89

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/29/2016

Client Sample ID: Cell E-2-V								
		Collection D	ate: 7/18/2	016 4:00:00 PM				
Matrix:	SOIL	Received D	Received Date: 7/21/2016 9:55:00 AM					
Result	PQL Qua	l Units	DF	Date Analyzed				
				Analyst: NSB				
ND	0.025	mg/Kg	1	7/23/2016 11:09:55 AM				
ND	0.050	mg/Kg	1	7/23/2016 11:09:55 AM				
ND	0.050	mg/Kg	1	7/23/2016 11:09:55 AM				
ND	0.099	mg/Kg	1	7/23/2016 11:09:55 AM				
94.9	80-120	%Rec	1	7/23/2016 11:09:55 AM				
				Analyst: MRA				
ND	30	mg/Kg	20	7/26/2016 2:42:33 PM				
				Analyst: MAB				
ND	20	mg/Kg	1	7/26/2016				
	Matrix: Result ND ND ND 94.9 ND ND	Matrix: SOIL Result PQL Qua ND 0.025 0.050 ND 0.050 0.050 ND 0.050 0.099 94.9 80-120 0.025 ND 30 0.025 ND 20 0.025	Client Sample Matrix: SOIL Received D Result PQL Qual Units ND 0.025 mg/Kg ND 0.050 mg/Kg ND 0.050 mg/Kg ND 0.099 mg/Kg 94.9 80-120 %Rec ND 30 mg/Kg ND 20 mg/Kg	Client Sample ID: Cell E Collection Date: 7/18/2Matrix: SOILReceived Date: 7/21/2ResultPQLQualUnitsDFND0.025mg/Kg1ND0.050mg/Kg1ND0.050mg/Kg1ND0.099mg/Kg194.980-120%Rec1ND30mg/Kg1ND20mg/Kg1				

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

Qualifiers:

*

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 18 of 59
- 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.

CLIENT:	C&C Landfarm			C	lient Samı	ple ID: Cell E-3	-V
Project:	C & C Landfarm (Vadose)				Collection	Date: 7/18/20	16 4:20:00 PM
Lab ID:	1607A89-019	Matrix:	SOIL		Received	Date: 7/21/20	16 9:55:00 AM
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB
Benzene		ND	0.024		mg/Kg	1	7/22/2016 2:49:59 PM
Toluene		ND	0.048		mg/Kg	1	7/22/2016 2:49:59 PM
Ethylben	zene	ND	0.048		mg/Kg	1	7/22/2016 2:49:59 PM
Xylenes,	Total	ND	0.097		mg/Kg	1	7/22/2016 2:49:59 PM
Surr. 4	4-Bromofluorobenzene	129	80-120	S	%Rec	1	7/22/2016 2:49:59 PM
ЕРА МЕТ	HOD 300.0: ANIONS						Analyst: MRA
Chloride		ND	30		mg/Kg	20	7/26/2016 2:54:57 PM
EPA MET	HOD 418.1: TPH						Analyst: MAB
Petroleur	m Hydrocarbons, TR	ND	19		mg/Kg	1	7/26/2016

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- 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
- Analyte detected below quantitation limits Page 19 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm		Client Sample ID: Cell E-4-V								
Project:	C & C Landfarm (Vadose)				Collection I	Date: 7/18/20	16 4:50:00 PM				
Lab ID:	1607A89-020	Matrix:	SOIL		Received I	Date: 7/21/20	16 9:55:00 AM				
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed				
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB				
Benzene	•	ND	0.024		mg/Kg	1	7/22/2016 4:04:17 PM				
Toluene		ND	0.048		mg/Kg	1	7/22/2016 4:04:17 PM				
Ethylben	zene	ND	0.048		mg/Kg	1	7/22/2016 4:04:17 PM				
Xylenes,	Total	ND	0.096		mg/Kg	1	7/22/2016 4:04:17 PM				
Surr: 4	4-Bromofluorobenzene	129	80-120	S	%Rec	1	7/22/2016 4:04:17 PM				
EPA MET	HOD 300.0: ANIONS						Analyst: MRA				
Chloride		ND	30		mg/Kg	20	7/26/2016 3:32:11 PM				
ЕРА МЕТ	THOD 418.1: TPH						Analyst: MAB				
Petroleur	m Hydrocarbons, TR	ND	20		mg/Kg	1	7/26/2016				

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 20 of 59
	ND	Not Detected at the Reporting Limit	Р	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:	C&C Landfarm			C	lient Sam	ple ID: Cell F-1-	v	
Project:	C & C Landfarm (Vadose)				Collection	Date: 7/18/2010	016 5:15:00 PM	
Lab ID:	1607A89-021	Matrix:	SOIL		Received	Date: 7/21/2010	5 9:55:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB	
Benzene		ND	0.025		mg/Kg	1	7/22/2016 5:18:49 PM	
Toluene		ND	0.050		mg/Kg	1	7/22/2016 5:18:49 PM	
Ethylben	zene	ND	0.050		mg/Kg	1	7/22/2016 5:18:49 PM	
Xylenes,	Total	ND	0.099		mg/Kg	1	7/22/2016 5:18:49 PM	
Surr: 4	l-Bromofluorobenzene	124	80-120	S	%Rec	1	7/22/2016 5:18:49 PM	
EPA MET	HOD 300.0: ANIONS						Analyst: MRA	
Chloride		ND	30		mg/Kg	20	7/26/2016 3:44:35 PM	
EPA MET	HOD 418.1: TPH						Analyst: MAB	
Petroleur	m Hydrocarbons, TR	ND	19		mg/Kg	1	7/26/2016	

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

Qualifiers:

*

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 21 of 59
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analyst: MRA

Analyst: MAB

7/26/2016 3:56:59 PM

7/26/2016

Hall Environmental Analysis Laboratory, Inc.

EPA METHOD 300.0: ANIONS

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

Chloride

Client Sample ID: Cell F-2-V CLIENT: C&C Landfarm Collection Date: 7/18/2016 5:40:00 PM C & C Landfarm (Vadose) **Project:** 1607A89-022 Matrix: SOIL Received Date: 7/21/2016 9:55:00 AM Lab ID: Analyses Result **PQL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.024 1 7/22/2016 5:43:36 PM Benzene mg/Kg Toluene ND 0.048 1 7/22/2016 5:43:36 PM mg/Kg 0.048 ND 1 7/22/2016 5:43:36 PM Ethylbenzene mg/Kg Xylenes, Total ND 0.095 mg/Kg 1 7/22/2016 5:43:36 PM Surr: 4-Bromofluorobenzene 140 80-120 S %Rec 1 7/22/2016 5:43:36 PM

30

20

mg/Kg

mg/Kg

20

1

ND

ND

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
- Н
- 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
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 22 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&CL	andfarm			C	lient San	nple ID: Cell F-3-	V
Project: C & C	Landfarm (Vadose)				Collectio	n Date: 7/18/2016	5 6:00:00 PM
Lab ID: 1607A	39-023	Matrix:	SOIL		Receive	ed Date: 7/21/2016	59:55:00 AM
Analyses]	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 80	21B: VOLATILES						Analyst: NSB
Benzene		ND	0.024		mg/Kg	1	7/22/2016 6:08:20 PM
Toluene		ND	0.049		mg/Kg	1	7/22/2016 6:08:20 PM
Ethylbenzene		ND	0.049		mg/Kg	1	7/22/2016 6:08:20 PM
Xylenes, Total		ND	0.098		mg/Kg	1	7/22/2016 6:08:20 PM
Surr: 4-Bromofi	uorobenzene	128	80-120	s	%Rec	1	7/22/2016 6:08:20 PM
EPA METHOD 30	0.0: ANIONS						Analyst: MRA
Chloride		ND	30		mg/Kg	20	7/26/2016 4:09:23 PM
EPA METHOD 41	8.1: TPH						Analyst: MAB
Petroleum Hydroc	arbons, TR	ND	19		mg/Kg	1	7/26/2016

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

*	Value exceeds Maximum Contaminant Le	vel.	
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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 23 of 59
- 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.

CLIENT:	C&C Landfarm	Client Sample ID: Cell F-4-V								
Project:	C & C Landfarm (Vadose)				Collection	n Date: 7/18/2010	5 6:20:00 PM			
Lab ID:	1607A89-024	Matrix:	SOIL		Received	Date: 7/21/2010	5 9:55:00 AM			
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed			
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB			
Benzene	•	ND	0.023		mg/Kg	1	7/22/2016 6:33:00 PM			
Toluene		ND	0.047		mg/Kg	1	7/22/2016 6:33:00 PM			
Ethylben	zene	ND	0.047		mg/Kg	1	7/22/2016 6:33:00 PM			
Xylenes,	Total	ND	0.093		mg/Kg	1	7/22/2016 6:33:00 PM			
Surr: 4	4-Bromofluorobenzene	123	80-120	S	%Rec	1	7/22/2016 6:33:00 PM			
EPA MET	HOD 300.0: ANIONS						Analyst: MRA			
Chloride		ND	30		mg/Kg	20	7/26/2016 4:21:48 PM			
EPA MET	THOD 418.1: TPH						Analyst: MAB			
Petroleur	m Hydrocarbons, TR	ND	20		mg/Kg	1	7/26/2016			

Qualifie	rs:
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- * 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 24 of 59
- 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.

CLIENT:	C&C Landfarm			C	lient Sam	ple ID: Cell G-1	: Cell G-1-V					
Project:	C & C Landfarm (Vadose)				Collection	Date: 7/18/201	016 7:00:00 PM					
Lab ID:	1607A89-025	Matrix:	SOIL		Received	l Date: 7/21/201	6 9:55:00 AM					
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed					
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB					
Benzene	1	ND	0.024		mg/Kg	1	7/22/2016 6:57:36 PM					
Toluene		ND	0.047		mg/Kg	1	7/22/2016 6:57:36 PM					
Ethylben	zene	ND	0.047		mg/Kg	1	7/22/2016 6:57:36 PM					
Xylenes,	Total	ND	0.094		mg/Kg	1	7/22/2016 6:57:36 PM					
Surr: 4	l-Bromofluorobenzene	128	80-120	S	%Rec	1	7/22/2016 6:57:36 PM					
EPA MET	HOD 300.0: ANIONS						Analyst: MRA					
Chloride		ND	30		mg/Kg	20	7/26/2016 4:34:13 PM					
EPA MET	HOD 418.1: TPH						Analyst: MAB					
Petroleur	m Hydrocarbons, TR	ND	20		mg/Kg	1	7/26/2016					

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 25 of 59 J
- Р Sample pH Not In Range
- RLReporting Detection Limit
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm Client Sample ID: Cell G-2-V C & C Landfarm (Vadose) Collection Date: 7/18/2016 7:30:00 PM **Project:** Lab ID: 1607A89-026 Matrix: SOIL Received Date: 7/21/2016 9:55:00 AM **PQL** Qual Units Result DF Analyses **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 1 7/22/2016 7:22:23 PM Toluene ND 0.048 mg/Kg 1 7/22/2016 7:22:23 PM Ethylbenzene ND 0.048 7/22/2016 7:22:23 PM 1 mg/Kg Xylenes, Total ND 0.095 mg/Kg 1 7/22/2016 7:22:23 PM 80-120 7/22/2016 7:22:23 PM Surr: 4-Bromofluorobenzene 124 S %Rec 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 7/26/2016 4:46:37 PM ND 30 mg/Kg 20 EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 19 mg/Kg 1 7/26/2016

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 limit Page 26 of 59
- 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.

CLIENT: C&C Landfarm			C	lient Sampl	e ID: Cell G-	ell G-3-V				
Project: C & C Landfarm (Va	udose)			Collection 1	Date: 7/19/20	016 6:00:00 AM				
Lab ID: 1607A89-027	Matrix:	SOIL		Received 1	Date: 7/21/20	016 9:55:00 AM				
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed				
EPA METHOD 8021B: VOLAT	ILES					Analyst: NSB				
Benzene	ND	0.024		mg/Kg	1	7/22/2016 7:47:05 PM				
Toluene	ND	0.047		mg/Kg	1	7/22/2016 7:47:05 PM				
Ethylbenzene	ND	0.047		mg/Kg	1	7/22/2016 7:47:05 PM				
Xylenes, Total	ND	0.094		mg/Kg	1	7/22/2016 7:47:05 PM				
Surr: 4-Bromofluorobenzene	125	80-120	S	%Rec	1	7/22/2016 7:47:05 PM				
EPA METHOD 300.0: ANIONS						Analyst: MRA				
Chloride	ND	30		mg/Kg	20	7/26/2016 4:59:02 PM				
EPA METHOD 418.1: TPH						Analyst: MAB				
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	7/26/2016				

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 27 of 59
- 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.

CLIENT:	C&C Landfarm	Client Sample ID: Cell G-4-V								
Project:	C & C Landfarm (Vadose)				Collection	Date: 7/19/201	016 6:25:00 AM			
Lab ID:	1607A89-028	Matrix:	SOIL		Received	Date: 7/21/201	6 9:55:00 AM			
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed			
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB			
Benzene		ND	0.024		mg/Kg	1	7/22/2016 8:11:41 PM			
Toluene		ND	0.048		mg/Kg	1	7/22/2016 8:11:41 PM			
Ethylben	zene	ND	0.048		mg/Kg	1	7/22/2016 8:11:41 PM			
Xylenes,	Total	ND	0.095		mg/Kg	1	7/22/2016 8:11:41 PM			
Surr: 4	l-Bromofluorobenzene	125	80-120	S	%Rec	1	7/22/2016 8:11:41 PM			
ЕРА МЕТ	HOD 300.0: ANIONS						Analyst: MRA			
Chloride		ND	- 30		mg/Kg	20	7/26/2016 5:11:25 PM			
EPA MET	HOD 418.1: TPH						Analyst: MAB			
Petroleur	m Hydrocarbons, TR	ND	20		mg/Kg	1	7/26/2016			

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 28 of 59
- 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.

CLIENT: Project:	C&C Landfarm C & C Landfarm (Vadose)	Client Sample ID: Cell H-1-V Collection Date: 7/19/2016 7:00:00 AM								
Lab ID:	1607A89-029	Matrix: S	SOIL		Received	Date: 7/21/20	16 9:55:00 AM			
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed			
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB			
Benzene	•	ND	0.023		mg/Kg	1	7/22/2016 10:14:09 PM			
Toluene		ND	0.046		mg/Kg	1	7/22/2016 10:14:09 PM			
Ethylben	zene	ND	0.046		mg/Kg	1	7/22/2016 10:14:09 PM			
Xylenes,	Total	ND	0.093		mg/Kg	1	7/22/2016 10:14:09 PM			
Surr: 4	4-Bromofluorobenzene	127	80-120	s	%Rec	1	7/22/2016 10:14:09 PM			
EPA MET	HOD 300.0: ANIONS						Analyst: MRA			
Chloride		ND	30		mg/Kg	20	7/26/2016 6:13:27 PM			
EPA MET	HOD 418.1: TPH						Analyst: MAB			
Petroleur	m Hydrocarbons, TR	ND	19		mg/Kg	1	7/26/2016			

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 20 of 50
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range

R RPD outside accepted recovery limits

S % Recovery outside of range due to dilution or matrix

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell H-2-V						
Project:	C & C Landfarm (Vadose)				Collection	n Date: 7/19/201	6 7:20:00 AM	
Lab ID:	1607A89-030	Matrix:	SOIL		Received	I Date: 7/21/201	6 9:55:00 AM	
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB	
Benzene		ND	0.024		mg/Kg	1	7/22/2016 10:38:27 PM	
Toluene		ND	0.049		mg/Kg	1	7/22/2016 10:38:27 PM	
Ethylbenz	zene	ND	0.049		mg/Kg	1	7/22/2016 10:38:27 PM	
Xylenes,	Total	ND	0.097		mg/Kg	1	7/22/2016 10:38:27 PM	
Surr: 4	Bromofluorobenzene	129	80-120	S	%Rec	1	7/22/2016 10:38:27 PM	
EPA MET	HOD 300.0: ANIONS						Analyst: MRA	
Chloride		ND	30		mg/Kg	20	7/26/2016 6:50:41 PM	
EPA MET	HOD 418.1: TPH						Analyst: MAB	
Petroleur	m Hydrocarbons, TR	ND	20		mg/Kg	1	7/26/2016	

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 30 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell H-3-V								
Project:	C & C Landfarm (Vadose)	Collection Date: 7/19/2016 7:45:00 AM								
Lab ID:	1607A89-031	Matrix:	SOIL		Received	l Date: 7/21/2016	59:55:00 AM			
Analyses		Result	PQL	Qual	Units	DF 1	Date Analyzed			
EPA MET	HOD 8021B: VOLATILES						Analyst: NSB			
Benzene		ND	0.025		mg/Kg	1	7/22/2016 11:02:52 PM			
Toluene		ND	0.049		mg/Kg	1	7/22/2016 11:02:52 PM			
Ethylben	zene	ND	0.049		mg/Kg	1	7/22/2016 11:02:52 PM			
Xylenes,	Total	ND	0.099		mg/Kg	1	7/22/2016 11:02:52 PM			
Surr: 4	4-Bromofluorobenzene	126	80-120	S	%Rec	1	7/22/2016 11:02:52 PM			
EPA MET	HOD 300.0: ANIONS						Analyst: MRA			
Chloride		ND	30		mg/Kg	20	7/26/2016 7:27:55 PM			
EPA MET	HOD 418.1: TPH						Analyst: MAB			
Petroleur	m Hydrocarbons, TR	ND	20		mg/Kg	1	7/26/2016			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation

- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- l Method Blank
- ion limits Page 31 of 59
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

Analytical Report Lab Order 1607A89

Date Reported: 7/29/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C	&C Landfarm			C	Client Sample	ple ID: Cell H-4-V				
Project: C	& C Landfarm (Vadose)		016 8:10:00 AM							
Lab ID: 1	607A89-032	Matrix:	SOIL		Received D	ate: 7/21/20	1 H-4-V 9/2016 8:10:00 AM 1/2016 9:55:00 AM 7 Date Analyzed Analyst: NSE 7/22/2016 11:27:13 PM 7/22/2016 11:27:13 PM 7/22/2016 11:27:13 PM 7/22/2016 11:27:13 PM 7/22/2016 11:27:13 PM 7/22/2016 11:27:13 PM Analyst: MR/ 0 7/26/2016 7:40:19 PM Analyst: MAR 7/26/2016			
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed			
EPA METHO	OD 8021B: VOLATILES						Analyst: NSB			
Benzene		ND	0.024		mg/Kg	1	7/22/2016 11:27:13 PM			
Toluene		ND	0.047		mg/Kg	1	7/22/2016 11:27:13 PM			
Ethylbenzer	ne	ND	0.047		mg/Kg	1	7/22/2016 11:27:13 PM			
Xylenes, To	otal	ND	0.094		mg/Kg	1	7/22/2016 11:27:13 PM			
Surr: 4-B	iromofluorobenzene	126	80-120	S	%Rec	1	7/22/2016 11:27:13 PM			
EPA METHO	OD 300.0: ANIONS						Analyst: MRA			
Chloride		ND	30		mg/Kg	20	7/26/2016 7:40:19 PM			
EPA METHO	OD 418.1: TPH						Analyst: MAB			
Petroleum I	Hydrocarbons, TR	ND	19		mg/Kg	1	7/26/2016			

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 32 of 59
- 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.

CLIENT:	C&C Landfarm	Client Sample ID: Cell I-1-V							
Project:	C & C Landfarm (Vadose)			Collection	Collection Date: 7/19/2016 8:30:00 AM				
Lab ID:	1607A89-033	Matrix:	SOIL	Receiv	ed Date: 7/21/20	16 9:55:00 AM			
Analyses		Result	PQL	Qual Units	DF	Date Analyzed			
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB			
Benzene		ND	0.024	mg/Kg	1	7/22/2016 11:51:33 PM			
Toluene		ND	0.049	mg/Kg	1	7/22/2016 11:51:33 PM			
Ethylben	zene	ND	0.049	mg/Kg	1	7/22/2016 11:51:33 PM			
Xylenes,	Total	ND	0.097	mg/Kg	1	7/22/2016 11:51:33 PM			
Surr: 4	1-Bromofluorobenzene	119	80-120	%Rec	1	7/22/2016 11:51:33 PM			
EPA MET	HOD 300.0: ANIONS					Analyst: MRA			
Chloride		ND	30	mg/Kg	20	7/26/2016 8:17:33 PM			
EPA MET	HOD 418.1: TPH					Analyst: MAB			
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	7/26/2016			

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

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- 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
- в Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limitsPage 33 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified w

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Project:	C&C Landfarm			Client Sampl	e ID: Cell I-2	2-V 016 8:50:00 AM
Lab ID:	1607A89-034	Matrix: S	SOIL	Received 1	Date: 7/21/20	016 9:55:00 AM
Analyses		Result	PQL	Qual Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB
Benzene	•	ND	0.023	mg/Kg	1	7/23/2016 12:15:50 AM
Toluene		ND	0.047	mg/Kg	1	7/23/2016 12:15:50 AM
Ethylben	zene	ND	0.047	mg/Kg	1	7/23/2016 12:15:50 AM
Xylenes,	Total	ND	0.093	mg/Kg	1	7/23/2016 12:15:50 AM
Surr: 4	4-Bromofluorobenzene	119	80-120	%Rec	1	7/23/2016 12:15:50 AM
EPA ME1	HOD 300.0: ANIONS					Analyst: MRA
Chloride		ND	30	mg/Kg	20	7/26/2016 8:29:58 PM
EPA MET	THOD 418.1: TPH					Analyst: MAB
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/26/2016

Qualifiers: *	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 34 of 50
ND	Not Detected at the Reporting Limit	Р	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: C&C Landfarm			Client Sample	e ID: Cell I-	3-V
Project: C & C Landfarm (Vadose)			Collection I	ate: 7/19/2	016 9:10:00 AM
Lab ID: 1607A89-035	Matrix:	SOIL	Received D	ate: 7/21/2	016 9:55:00 AM
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	7/23/2016 12:40:06 AM
Toluene	ND	0.047	mg/Kg	1	7/23/2016 12:40:06 AM
Ethylbenzene	ND	0.047	mg/Kg	1	7/23/2016 12:40:06 AM
Xylenes, Total	ND	0.094	mg/Kg	1	7/23/2016 12:40:06 AM
Surr: 4-Bromofluorobenzene	118	80-120	%Rec	1	7/23/2016 12:40:06 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	7/26/2016 8:42:23 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	7/26/2016

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 35 of 50
	ND	Not Detected at the Reporting Limit	Р	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

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1607A89 Date Reported: 7/29/2016

CLIENT:	C&C Landfarm	Client Sample ID: Cell I-4-V					
Project:	C & C Landfarm (Vadose)			Collection D	ate: 7/19/2	016 9:30:00 AM	
Lab ID:	1607A89-036	Matrix:	SOIL	Received D	ate: 7/21/2	016 9:55:00 AM	
Analyses		Result	PQL Q	ual Units	DF	Date Analyzed	
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB	
Benzene		ND	0.024	mg/Kg	1	7/23/2016 1:04:18 AM	
Toluene		ND	0.047	mg/Kg	1	7/23/2016 1:04:18 AM	
Ethylben	zene	ND	0.047	mg/Kg	1	7/23/2016 1:04:18 AM	
Xylenes,	Total	ND	0.094	mg/Kg	1	7/23/2016 1:04:18 AM	
Surr: 4	l-Bromofiuorobenzene	112	80-120	%Rec	1	7/23/2016 1:04:18 AM	
EPA MET	HOD 300.0: ANIONS					Analyst: MRA	
Chloride		ND	30	mg/Kg	20	7/26/2016 8:54:47 PM	
ЕРА МЕТ	HOD 418.1: TPH					Analyst: MAB	
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	7/26/2016	

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- * 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
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 36 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			C	Client Samp	ole ID: Cell J-1-	-1-V
Project:	C & C Landfarm (Vadose)				Collection	Date: 7/19/201	6 9:50:00 AM
Lab ID:	1607A89-037	Matrix:	SOIL		Received	Date: 7/21/201	6 9:55:00 AM
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed
EPA MEI	HOD 8021B: VOLATILES						Analyst: NSB
Benzene	•	ND	0.024		mg/Kg	1	7/23/2016 1:28:31 AM
Toluene		ND	0.048	1	mg/Kg	1	7/23/2016 1:28:31 AM
Ethylben	zene	ND	0.048		mg/Kg	1	7/23/2016 1:28:31 AM
Xylenes,	Total	ND	0.096		mg/Kg	1	7/23/2016 1:28:31 AM
Surr: 4	4-Bromofluorobenzene	122	80-120	S	%Rec	1	7/23/2016 1:28:31 AM
EPA ME1	THOD 300.0: ANIONS						Analyst: MRA
Chloride		ND	30		mg/Kg	20	7/26/2016 9:07:12 PM
EPA ME1	THOD 418.1: TPH						Analyst: MAB
Petroleu	m Hydrocarbons, TR	ND	19		mg/Kg	1	7/26/2016

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 37 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm			(lient Samp	ole ID: Cell J-2	-V
Project: C & C Landfarm (Vadose)				Collection	Date: 7/19/20	16 10:15:00 AM
Lab ID: 1607A89-038	Matrix:	SOIL		Received	Date: 7/21/20	16 9:55:00 AM
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/23/2016 1:52:38 AM
Toluene	ND	0.049		mg/Kg	1	7/23/2016 1:52:38 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/23/2016 1:52:38 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/23/2016 1:52:38 AM
Surr: 4-Bromofluorobenzene	121	80-120	S	%Rec	1	7/23/2016 1:52:38 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	30		mg/Kg	20	7/26/2016 9:19:36 PM
EPA METHOD 418.1: TPH						Analyst: MAB
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	7/27/2016

- * 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 38 of 59
- 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.

CLIENT:	C&C Landfarm			Client Sa	ample ID: Cell J	3-V
Project:	C & C Landfarm (Vadose)			Collect	tion Date: 7/19/2	2016 10:40:00 AM
Lab ID:	1607A89-039	Matrix:	SOIL	Recei	ved Date: 7/21/2	2016 9:55:00 AM
Analyses		Result	PQL	Qual Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB
Benzene		ND	0.023	mg/Kg) 1	7/22/2016 12:37:02 PM
Toluene		ND	0.046	mg/Kg	1 1	7/22/2016 12:37:02 PM
Ethylben	zene	ND	0.046	mg/Kg	j 1	7/22/2016 12:37:02 PM
Xylenes,	Total	ND	0.091	mg/Kg	1	7/22/2016 12:37:02 PM
Surr: 4	l-Bromofluorobenzene	94.9	80-120	%Rec	1	7/22/2016 12:37:02 PM
EPA MET	HOD 300.0: ANIONS					Analyst: MRA
Chloride		ND	30	mg/Kg	20	7/26/2016 9:32:01 PM
EPA MET	HOD 418.1: TPH					Analyst: MAB
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	ı 1	7/27/2016

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 39 of 59 J
- Sample pH Not In Range Р
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm Client Sample ID: Cell J-4-V Project: C & C Landfarm (Vadose) Collection Date: 7/19/2016 11:00:00 AM 1607A89-040 Received Date: 7/21/2016 9:55:00 AM Lab ID: Matrix: SOIL Analyses Result **POL Qual Units** DF **Date Analyzed EPA METHOD 8021 B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 1 7/22/2016 2:35:06 PM Toluene ND 0.048 mg/Kg 1 7/22/2016 2:35:06 PM 0.048 Ethylbenzene ND mg/Kg 1 7/22/2016 2:35:06 PM ND Xylenes, Total 0.096 mg/Kg 1 7/22/2016 2:35:06 PM Surr: 4-Bromofluorobenzene 96.3 80-120 %Rec 1 7/22/2016 2:35:06 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride 7/26/2016 9:44:27 PM ND 30 20 mg/Kg EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 7/27/2016 19 mg/Kg 1

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

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- 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 S
- В Analyte detected in the associated Method Blank
- È Value above quantitation range
- Analyte detected below quantitation limits Page 40 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL
- w Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			ple ID: Cell K-1-	V	
Project:	C & C Landfarm (Vadose)			Collectio	n Date: 7/19/2016	511:25:00 AM
Lab ID:	1607A89-041	Matrix:	SOIL	Receive	d Date: 7/21/2016	59:55:00 AM
Analyses		Result	PQL	Qual Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB
Benzene		ND	0.024	mg/Kg	1	7/22/2016 7:42:05 PM
Toluene		ND	0.049	mg/Kg	1	7/22/2016 7:42:05 PM
Ethylben	zene	ND	0.049	mg/Kg	1	7/22/2016 7:42:05 PM
Xylenes,	Total	ND	0.098	mg/Kg	1	7/22/2016 7:42:05 PM
Sum: 4	1-Bromofluorobenzene	98.0	80-120	%Rec	1	7/22/2016 7:42:05 PM
EPA MET	HOD 300.0: ANIONS					Analyst: MRA
Chloride		ND	30	mg/Kg	20	7/26/2016 9:56:52 PM
EPA MET	HOD 418.1: TPH					Analyst: MAB
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	7/27/2016

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- в Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 41 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell K-2-V						
Project:	C & C Landfarm (Vadose)			Collection	Collection Date: 7/19/2016 12:10:00 PM			
Lab ID:	1607A89-042	Matrix:	SOIL	Received	Date: 7/21/20	016 9:55:00 AM		
Analyses		Result	PQL (Jual Units	DF	Date Analyzed		
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB		
Benzene		ND	0.024	mg/Kg	1	7/22/2016 8:05:39 PM		
Toluene		ND	0.048	mg/Kg	1	7/22/2016 8:05:39 PM		
Ethylben	zene	ND	0.048	mg/Kg	1	7/22/2016 8:05:39 PM		
Xylenes,	Total	ND	0.097	mg/Kg	1	7/22/2016 8:05:39 PM		
Surr. 4	l-Bromofluorobenzene	96 .1	80-120	%Rec	1	7/22/2016 8:05:39 PM		
EPA MET	HOD 300.0: ANIONS					Analyst: MRA		
Chloride		ND	30	mg/Kg	20	7/26/2016 10:09:16 PM		
EPA MET	HOD 418.1: TPH					Analyst: MAB		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/27/2016		

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

Qualifiers:

*

- Sample Diluted Due to Matrix D
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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
- Ε Value above quantitation range
- Analyte detected below quantitation limitsPage 42 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Cell K-3-V CLIENT: C&C Landfarm Project: C & C Landfarm (Vadose) Collection Date: 7/19/2016 2:15:00 PM 1607A89-043 Matrix: SOIL Received Date: 7/21/2016 9:55:00 AM Lab ID: Result **PQL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 7/22/2016 8:29:10 PM mg/Kg 1 ND Toluene 0.048 mg/Kg 1 7/22/2016 8:29:10 PM Ethylbenzene ND 0.048 7/22/2016 8:29:10 PM mg/Kg 1 ND 0.097 Xylenes, Total mg/Kg 1 7/22/2016 8:29:10 PM Surr: 4-Bromofluorobenzene 96.3 80-120 %Rec 1 7/22/2016 8:29:10 PM EPA METHOD 300.0: ANIONS Analyst: MRA Chloride 7/26/2016 10:46:30 PM ND 30 20 mg/Kg EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 19 mg/Kg 1 7/27/2016

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

*	Value exceeds	Maximum	Contaminant Level	
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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 43 of 59
- 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.

CLIENT: C&C Landfarm	Client Sample ID: Cell K-4-V					
Project: C & C Landfarm (Vadose)			Collection	Date: 7/19/20	/2016 2:45:00 PM	
Lab ID: 1607A89-044	Matrix:	SOIL	Received	Date: 7/21/20	016 9:55:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.024	mg/Kg	1	7/22/2016 8:52:37 PM	
Toluene	ND	0.048	mg/Kg	1	7/22/2016 8:52:37 PM	
Ethylbenzene	ND	0.048	mg/Kg	1	7/22/2016 8:52:37 PM	
Xylenes, Total	ND	0.096	mg/Kg	1	7/22/2016 8:52:37 PM	
Surr: 4-Bromofiuorobenzene	96.5	80-120	%Rec	1	7/22/2016 8:52:37 PM	
EPA METHOD 300.0: ANIONS					Analyst: MRA	
Chloride	ND	30	mg/Kg	20	7/26/2016 10:58:55 PM	
EPA METHOD 418.1: TPH					Analyst: MAB	
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	7/27/2016	

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- * 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
- Analyte detected in the associated Method Blank В
- Value above quantitation range E
- Analyte detected below quantitation limits Page 44 of 59 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Sam	ple ID: Cell L-1-	-1-V
Project:	C & C Landfarm (Vadose)			Collection	n Date: 7/19/2010	6 3:10:00 PM
Lab ID:	1607A89-045	Matrix:	SOIL	Receive	d Date: 7/21/2010	6 9:55:00 AM
Analyses		Result	PQL	Qual Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB
Benzene		ND	0.024	mg/Kg	1	7/22/2016 9:16:15 PM
Toluene		ND	0.048	mg/Kg	1	7/22/2016 9:16:15 PM
Ethylben	zene	ND	0.048	mg/Kg	1	7/22/2016 9:16:15 PM
Xylenes,	Total	ND	0.095	mg/Kg	1	7/22/2016 9:16:15 PM
Surr: 4	l-Bromofluorobenzene	94.9	80-120	%Rec	1	7/22/2016 9:16:15 PM
EPA MET	HOD 300.0: ANIONS					Analyst: MRA
Chloride		ND	30	mg/Kg	20	7/26/2016 11:11:20 PM
EPA MET	HOD 418.1: TPH					Analyst: MAB
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	7/27/2016

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

Qualifiers:

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- 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
- Analyte detected below quantitation limits Page 45 of 59 J
- Р Sample pH Not In Range
- Reporting Detection Limit RL
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell L-2-V					
Project:	C & C Landfarm (Vadose)			Collecti	on Date: 7/19/201	2016 3:30:00 PM	
Lab ID:	1607A89-046	Matrix:	SOIL	Receiv	ed Date: 7/21/201	6 9:55:00 AM	
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	
EPA ME1	HOD 8021B: VOLATILES					Analyst: NSB	
Benzene	•	ND	0.024	mg/Kg	1	7/22/2016 9:39:46 PM	
Toluene		ND	0.047	mg/Kg	1	7/22/2016 9:39:46 PM	
Ethylben	zene	ND	0.047	mg/Kg	1	7/22/2016 9:39:46 PM	
Xylenes,	Total	ND	0.094	mg/Kg	1	7/22/2016 9:39:46 PM	
Surr: 4	4-Bromofluorobenzene	94.9	80-120	%Rec	1	7/22/2016 9:39:46 PM	
EPA MET	HOD 300.0: ANIONS					Analyst: MRA	
Chloride		ND	30	mg/Kg	20	7/26/2016 11:23:44 PM	
EPA ME1	THOD 418.1: TPH					Analyst: MAB	
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/27/2016	

Oua	lifiers:

- * 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 46 of 59
- 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.

CLIENT:	C&C Landfarm	Client Sample ID: Cell L-3-V					
Project:	C & C Landfarm (Vadose)			Collection I	016 3:55:00 PM		
Lab ID:	1607A89-047	Matrix:	SOIL	Received I	Received Date: 7/21/2016 9:55:00 AM		
Analyses		Result	PQL Q	ual Units	DF	Date Analyzed	
EPA MET	THOD 8021B: VOLATILES					Analyst: NSB	
Benzene	•	ND	0.025	mg/Kg	1	7/22/2016 10:03:15 PM	
Toluene		ND	0.049	mg/Kg	1	7/22/2016 10:03:15 PM	
Ethylben	izene	ND	0.049	mg/Kg	1	7/22/2016 10:03:15 PM	
Xylenes,	Total	ND	0.099	mg/Kg	1	7/22/2016 10:03:15 PM	
Surr: 4	4-Bromofluorobenzene	92.7	80-120	%Rec	1	7/22/2016 10:03:15 PM	
EPA MET	THOD 300.0: ANIONS					Analyst: MRA	
Chloride		ND	30	mg/Kg	20	7/27/2016 2:04:42 PM	
EPA MET	THOD 418.1: TPH					Analyst: MAB	
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/27/2016	

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit

% Recovery outside of range due to dilution or matrix

S

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm	Client Sample ID: Cell L-4-V					
Project: C & C Landfarm (Vadose)			Collectio	on Date: 7/19/2010	016 4:15:00 PM	
Lab ID: 1607A89-048	Matrix:	SOIL	Receive	ed Date: 7/21/2010	59:55:00 AM	
Analyses	Result	PQL	Qual Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.024	mg/Kg	1	7/22/2016 10:26:49 PM	
Toluene	ND	0.048	mg/Kg	1	7/22/2016 10:26:49 PM	
Ethylbenzene	ND	0.048	mg/Kg	1	7/22/2016 10:26:49 PM	
Xylenes, Total	ND	0.095	mg/Kg	1	7/22/2016 10:26:49 PM	
Surr: 4-Bromofluorobenzene	92.7	80-120	%Rec	1	7/22/2016 10:26:49 PM	
EPA METHOD 300.0: ANIONS					Analyst: MRA	
Chloride	ND	30	mg/Kg	20	7/27/2016 2:41:56 PM	
EPA METHOD 418.1: TPH					Analyst: MAB	
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	7/27/2016	

Qualifiers: *	Value exceeds Maximum	Contaminant Level.
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- 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 48 of 59
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1607A89

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/29/2016

CLIENT: C&C Landfarm		Client Sample ID: Cell M-1-V						
Project: C & C Landfarm (Vadose)	Collection Date: 7/19/2016 4:40:00 PM						
Lab ID: 1607A89-049	Matrix:	SOIL	Received	Date: 7/21/20)16 9:55:00 AM			
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.024	mg/Kg	1	7/22/2016 10:50:19 PM			
Toluene	ND	0.047	mg/Kg	1	7/22/2016 10:50:19 PM			
Ethylbenzene	ND	0.047	mg/Kg	1	7/22/2016 10:50:19 PM			
Xylenes, Total	ND	0.095	mg/Kg	1	7/22/2016 10:50:19 PM			
Surr: 4-Bromofluorobenzene	96.5	80-120	%Rec	1	7/22/2016 10:50:19 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	7/27/2016 2:54:21 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	7/27/2016			

Qualifiers: *	k 🛛	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
Ľ)	Sample Diluted Due to Matrix	Е	Value above quantitation range
Н	ł	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 49 of 50
N	D	Not Detected at the Reporting Limit	Р	Sample pH Not In Range

- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified
Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Sa	mple ID: Cell M	1-2-V
Project:	C & C Landfarm (Vadose)			Collect	ion Date: 7/19/2	016 5:20:00 PM
Lab ID:	1607A89-050	Matrix:	SOIL	Receiv	ved Date: 7/21/2	016 9:55:00 AM
Analyses		Result	PQL	Qual Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB
Benzene		ND	0.024	mg/Kg	1	7/22/2016 11:13:48 PM
Toluene		ND	0.048	mg/Kg	1	7/22/2016 11:13:48 PM
Ethylben	zene	ND	0.048	mg/Kg	1	7/22/2016 11:13:48 PM
Xylenes,	Total	ND	0.095	mg/Kg	1	7/22/2016 11:13:48 PM
Surr: 4	Bromofluorobenzene	95.2	80-120	%Rec	1	7/22/2016 11:13:48 PM
EPA MET	HOD 300.0: ANIONS					Analyst: MRA
Chloride		ND	30	mg/Kg	20	7/27/2016 3:06:46 PM
EPA MET	HOD 418.1: TPH					Analyst: MAB
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/27/2016

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
 D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- 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 50 of 59
- 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.

CLIENT:	C&C Landfarm			Client Sa	mple ID: Cell M	-3-V
Project:	C & C Landfarm (Vadose)			Collection	on Date: 7/19/20	016 5:45:00 PM
Lab ID:	1607A89-051	Matrix:	SOIL	Receiv	ed Date: 7/21/20	016 9:55:00 AM
Analyses		Result	PQL	Qual Units	DF	Date Analyzed
EPA MEI	HOD 8021B: VOLATILES					Analyst: NSB
Benzene	•	ND	0.025	mg/Kg	1	7/23/2016 12:47:23 AM
Toluene		ND	0.050	mg/Kg	1	7/23/2016 12:47:23 AM
Ethylben	zene	ND	0.050	mg/Kg	1	7/23/2016 12:47:23 AM
Xylenes,	Total	ND	0.10	mg/Kg	1	7/23/2016 12:47:23 AM
Surr: 4	4-Bromofluorobenzene	95.4	80-120	%Rec	1	7/23/2016 12:47:23 AM
EPA MET	HOD 300.0: ANIONS					Analyst: MRA
Chloride		ND	30	mg/Kg	20	7/27/2016 3:19:10 PM
EPA MET	THOD 418.1: TPH					Analyst: MAB
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	7/27/2016

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method I
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limited

- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Blank
- Page 51 of 59
- 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.

CLIENT:	C&C Landfarm			Client Sample	e ID: Cell M	[-4-V
Project:	C & C Landfarm (Vadose)			Collection I	Date: 7/19/2	016 6:10:00 PM
Lab ID:	1607A89-052	Matrix:	SOIL	Received I	ate: 7/21/2	016 9:55:00 AM
Analyses		Result	PQL Q	ual Units	DF	Date Analyzed
EPA MET	HOD 8021B: VOLATILES					Analyst: NSB
Benzene		ND	0.025	mg/Kg	1	7/23/2016 1:10:50 AM
Toluene		ND	0.050	mg/Kg	1	7/23/2016 1:10:50 AM
Ethylbenz	tene	NÐ	0.050	mg/Kg	1	7/23/2016 1:10:50 AM
Xylenes,	Total	ND	0.099	mg/Kg	1	7/23/2016 1:10:50 AM
Surr: 4	-Bromofluorobenzene	91.2	80-120	%Rec	1	7/23/2016 1:10:50 AM
EPA MET	HOD 300.0: ANIONS					Analyst: MRA
Chloride		ND	30	mg/Kg	20	7/27/2016 3:31:34 PM
EPA MET	HOD 418.1: TPH					Analyst: MAB
Petroleun	n Hydrocarbons, TR	ND	19	mg/Kg	1	7/27/2016

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

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- 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
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 52 of 59 J
- Р Sample pH Not In Range
- Reporting Detection Limit RL
- W Sample container temperature is out of limit as specified

Client:	C&C La	ndfarm									
Project:	C & C I	andfarm (Va	dose)								
Sample ID	MB-26591	SampTy	pe: MI	BLK	Tes	tCode: E	PA Method	300.0: Anion	S		
Client ID:	PBS	Batch	D: 26	591	F	RunNo: 3	5975				
Prep Date:	7/25/2016	Analysis Da	te: 7/	/25/2016	5	SeqNo: 1	113877	Units: mg/H	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26591	SampTy	pe: LC	s	Tes	tCode: E	PA Method	300.0: Anion	18		
Client ID:	LCSS	Batch	D: 26	591	F	RunNo: 3	5975				
Prep Date:	7/25/2016	Analysis Da	te: 7/	/25/2016	5	SeqNo: 1	113878	Units: mg/M	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95 .5	90	110			
Sample ID	MB-26611	SampTy	pe: ml	blk	Tes	tCode: E	PA Method	300.0: Anion	S		
Client ID:	PBS	Batch	D: 26	611	F	RunNo: 3	6016				
Prep Date:	7/26/2016	Analysis Da	te: 7/	26/2016	5	SeqNo: 1	115385	Units: mg/H	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26611	SampTy	pe: Ica	5	Tes	tCode: E	PA Method	300.0: Anion	S	• • • • • •	
Client ID:	LCSS	Batch	D: 26	611	F	RunNo: 3	6016				
Prep Date:	7/26/2016	Analysis Da	te: 7/	26/2016	5	SeqNo: 1	115387	Units: mg/M	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Chloride	• · · · · · · · · · · · · · · · · · · ·	14	1.5	15.00	0	95.7	90	110			
Sample ID	MB-26628	SampTy	pe:ml	olk	Tes	tCode: E	PA Method	300.0: Anion	8		
Client ID:	PBS	Batch	D: 26	628	F	RunNo: 3	6016				
Prep Date:	7/26/2016	Analysis Da	te: 7/	26/2016	S	SeqNo: 1	115418	Units: mg/M	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26628	SampTy	pe: Ics	3	Tes	tCode: El	PA Method	300.0: Anion	S		
Client ID:	LCSS	Batch	D: 26	628	F	RunNo: 3	6016				
Prep Date:	7/26/2016	Analysis Da	te: 7/	26/2016	S	SeqNo: 1	115419	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	96.1	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

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WO#: 1607A89

29**-Jul-**16

Client: C&C Landfarm

Project:	C & C	C Landfarm (V	adose)								
Sample ID	MB-26662	SampT	ype:ml	olk	Tes	tCode: E	PA Method	300.0: Anior	15		
Client ID:	PBS	Batch	1D: 26	662	F	RunNo: 3	6034				
Prep Date:	7/27/2016	Analysis D	ate: 7/	27/2016	5	SeqNo: 1	116047	Units: mg/h	۲g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26662	SampT	ype: Ic:	3	Tes	tCode: E	PA Method	300.0: Anion	IS		
Client ID:	LCSS	Batch	D: 26	662	F	RunNo: 3	6034				
Prep Date:	7/27/2016	Analysis D	ate: 7/	27/2016	5	SeqNo: 1	116048	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.1	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

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WO#: 1607A89

29**-Ju**l-16

C&C Landfarm

Project: C & C L	andfarm (Vadose)			
Sample ID MB-26572	SampType: MBLK	TestCode: EPA Method	418.1: TPH	
Client ID: PBS	Batch ID: 26572	RunNo: 35993		
Prep Date: 7/25/2016	Analysis Date: 7/26/2016	SeqNo: 1114334	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	ND 20			
Sample ID LCS-26572	SampType: LCS	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS	Batch ID: 26572	RunNo: 35993		
Prep Date: 7/25/2016	Analysis Date: 7/26/2016	SeqNo: 1114335	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	110 20 100.0	0 106 80.7	121	
Sample ID LCSD-26572	SampType: LCSD	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS02	Batch ID: 26572	RunNo: 35993		
Prep Date: 7/25/2016	Analysis Date: 7/26/2016	SeqNo: 1114336	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	110 20 100.0	0 111 80.7	121 5.36	20
Sample ID MB-26573	SampType: MBLK	TestCode: EPA Method	418.1: TPH	
Client ID: PBS	Batch ID: 26573	RunNo: 35993		
Prep Date: 7/25/2016	Analysis Date: 7/26/2016	SeqNo: 1114358	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	ND 20			
Sample ID LCS-26573	SampType: LCS	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS	Batch ID: 26573	RunNo: 35993		
Prep Date: 7/25/2016	Analysis Date: 7/26/2016	SeqNo: 1114359	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	100 20 100.0	0 101 80.7	121	
Sample ID LCSD-26573	SampType: LCSD	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS02	Batch ID: 26573	RunNo: 35993		
Prep Date: 7/25/2016	Analysis Date: 7/26/2016	SeqNo: 1114360	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	100 20 100.0	0 103 80.7	121 1.42	20

Qualifiers:

Client:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
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- 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

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WO#: 1607A89

29-Jul-16

WO#: 1607A89

29-Jul-16

Client: C&C Landfarm

Project:	С&	C Landfarm (V	adose)								
Sample ID	MB-26576	SampT	ype: ME	3LK	Tes	tCode: El	PA Method	418.1: TPH			
Client ID:	PBS	Batch	ID: 26	576	F	lunNo: 3	6017				
Prep Date:	7/25/2016	Analysis Da	ate: 7/	27/2016	S	SeqNo: 1	115494	Units: mg/h	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydr	ocarbons, TR	ND	20								
Sample ID	LCS-26576	SampT	ype: LC	s	Tes	Code: El	PA Method	418.1: TPH			
Client ID:	LCSS	Batch	ID: 26	576	F	lunNo: 3	6017				
Prep Date:	7/25/2016	Analysis Da	ate: 7/	27/2016	s	eqNo: 1	115495	Units: mg/r	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydr	ocarbons, TR	110	20	100.0	0	114	80.7	121			
Sample ID	LCSD-26576	SampT	ype: LC	SD	Tes	Code: El	PA Method	418.1: TPH			
Client ID:	LCSS02	Batch	ID: 26	576	R	unNo: 36	6017				
Prep Date:	7/25/2016	Analysis Da	ate: 7/	27/2016	s	eqNo: 1	115496	Units: mg/M	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydr	ocarbons, TR	120	20	100.0	0	120	80.7	121	4.94	20	

Qualifiers:

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- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- в Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL
- w Sample container temperature is out of limit as specified

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Reporting Detection Limit

Client: C&C Landfarm

Project:	C & C La	undfarm (V	Vadose)								
Sample ID	MB-26539	Samp	Type: MI	3LK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	h ID: 26	539	F	RunNo: 3	5917				
Prep Date:	7/21/2016	Analysis (Date: 7/	22/2016	S	SeqNo: 1	112184	Units: mg/k	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bron	nofluorobenzene	0.96		1.000		96.3	80	120			
Sample ID	LCS-26539	Samp	Type: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 26	539	F	RunNo: 3	5917				
Prep Date:	7/21/2016	Analysis (Date: 7/	22/2016	5	SeqNo: 1	112185	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		1.0	0.025	1.000	0	101	75.3	123			
Toluene		0.95	0.050	1.000	0	94.8	80	124			
Ethylbenzene		0.98	0.050	1.000	0	9 7.7	82.8	121			
Xylenes, Totai		2.9	0.10	3.000	0	96.1	83.9	122			
Surr: 4-Bron	nofluorobenzene	0.98		1.000		98.2	80	120			
Sample ID	1607A89-039AMS	Samp	Type: MS	5	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	Cell J-3-V	Batc	h ID: 26	539	F	RunNo: 3	5917				
Prep Date:	7/21/2016	Analysis [Date: 7/	22/2016	. 5	SeqNo: 1	112187	Units: mg/h	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		1.0	0.024	0.9625	0	109	71.5	122			
Toluene		1.1	0.048	0.9625	0	110	71.2	123			
Ethylbenzene		1.1	0.048	0.9625	0	116	75.2	130			
Xylenes, Total		3.3	0.096	2.887	0	115	72.4	131			
Surr: 4-Bron	nofluorobenzene	1.0		0.9625		104	80	120			
Sample ID	1607A89-039AMSI	D Samp1	Type: MS	5D	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	Cell J-3-V	Batc	h ID: 26	539	F	RunNo: 3	5917				
Prep Date:	7/21/2016	Analysis [Date: 7/	22/2016	S	SeqNo: 1	112188	Units: mg/M	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte Benzene		Result 1.0	PQL 0.024	SPK value 0.9756	SPK Ref Val	%REC 102	LowLimit 71.5	HighLimit 122	%RPD 4.62	RPDLimit 20	Qual
Analyte Berizene Toluene		Resułt 1.0 1.0	PQL 0.024 0.049	SPK value 0.9756 0.9756	SPK Ref Val 0 0	%REC 102 106	LowLimit 71.5 71.2	HighLimit 122 123	%RPD 4.62 1.87	RPDLimit 20 20	Qual
Analyte Berizene Toluene Ethylberizene		Result 1.0 1.0 1.1	PQL 0.024 0.049 0.049	SPK value 0.9756 0.9756 0.9756	SPK Ref Val 0 0 0	%REC 102 106 114	LowLimit 71.5 71.2 75.2	HighLimit 122 123 130	%RPD 4.62 1.87 0.0312	RPDLimit 20 20 20	Qual
Analyte Berzene Toluene Ethylbenzene Xylenes, Total		Result 1.0 1.0 1.1 3.3	PQL 0.024 0.049 0.049 0.098	SPK value 0.9756 0.9756 0.9756 2.927	SPK Ref Val 0 0 0 0	%REC 102 106 114 114	LowLimit 71.5 71.2 75.2 72.4	HighLimit 122 123 130 131	%RPD 4.62 1.87 0.0312 0.0848	RPDLimit 20 20 20 20 20	Qual

Qualifiers:

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

WO#: 1607A89

29-Jul-16

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory, In	IC

Client:C&C LandfarmProject:C & C Landfarm (Vadose)

	<u> </u>				<u></u>	<u></u>				
Sample ID MB-26537	Samp	Type: ME	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 26	537	F	RunNo: 3	5917				
Prep Date: 7/21/2016	Analysis [Date: 7/	22/2016	5	SeqNo: 1	112202	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.3	80	120			
Sample ID LCS-26537	Samp	Гуре: LC	S	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 26	537	F	RunNo: 3	5917				
Prep Date: 7/21/2016	Analysis [Date: 7/	22/2016	5	SeqNo: 1	112203	Units: mg/M	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Berzene	1.0	0.025	1.000	0	103	75.3	123			
Toluene	1.0	0.050	1.000	0	101	80	124			
Ethylbenzene	1.0	0.050	1.000	0	103	82.8	121			
Xylenes, Total	3.0	0.10	3.000	0	99.9	83.9	122			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			
<u> </u>									-	
Sample ID MB-26538	SampT	Type: ME	3LK	Tes	tCode: El	PA Method	8021B: Volat	til es		
Sample ID MB-26538 Client ID: PBS	Samp1 Batci	Fype: ME h ID: 26	3LK 538	Tes	tCode: El RunNo: 3	PA Method 5927	8021B: Vola	tiles		
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016	Samp] Batci Anatysis [Fype: ME h ID: 26 Date: 7 /	3LK 538 22/2016	Tes F	tCode: El RunNo: 3 SeqNo: 1	PA Method 5927 112228	8021B: Volar Units: mg/h	tiles (g		
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte	Sampī Batci Analysis [Result	Fype: ME h ID: 26 Date: 7/ PQL	3LK 538 22/2016 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 5927 112228 LowLimit	8021B: Vola Units: mg/k HighLimit	tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Benzene	Samp] Batci Analysis [Result ND	Fype: ME h ID: 26 Date: 7/ PQL 0.025	3LK 538 22/2016 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 5927 112228 LowLimit	8021B: Vola Units: mg/k HighLimit	tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berizene Toluene	Samp Batci Analysis [Result ND ND	Fype: ME h ID: 26 Date: 7/ PQL 0.025 0.050	3LK 538 22/2016 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 5927 112228 LowLimit	8021B: Vola Units: mg/k HighLimit	tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethybenzene	Samp Batci Analysis I Result ND ND ND	Fype: ME h ID: 26 Date: 7/ PQL 0.025 0.050 0.050	3LK 538 22/2016 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 5927 112228 LowLimit	8021B: Vola Units: mg/k HighLimit	tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethylbenzene Xylenes, Total	Samp Batci Analysis I Result ND ND ND ND	Fype: ME h ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.10	3LK 538 22/2016 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 5927 112228 LowLimit	8021B: Vola Units: mg/k HighLimit	tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Benzene Toluene Ethybenzene Xylenes, Total Surr: 4-Bromofluoroberzene	Samp Batci Analysis I Result ND ND ND ND ND	Type: ME h ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.10	3LK 538 22/2016 SPK value 1.000	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC 120	PA Method 5927 112228 LowLimit 80	8021B: Vola Units: mg/k HighLimit 120	tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Benzene Toluene Ethybenzene Xylenes, Total Sur: 4-Bromofluoroberizene Sample ID LCS-26538	Samp Batci Analysis I Result ND ND ND ND 1.2 Samp	Fype: ME h ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.050 0.10	3LK 538 22/2016 SPK value 1.000 S	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC 120 tCode: El	PA Method 5927 112228 LowLimit 80 PA Method	8021B: Vola Units: mg/k HighLimit 120 8021B: Vola	tiles (g %RPD tiles	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethybenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID LCS-26538 Client ID: LCSS	Samp Batci Analysis I Result ND ND ND ND 1.2 Samp Batci	Fype: ME h ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.050 0.10 Fype: LC h ID: 26	3LK 538 22/2016 SPK value 1.000 S 538	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC 120 tCode: El RunNo: 3	PA Method 5927 112228 LowLimit 80 PA Method 5927	8021B: Vola Units: mg/k HighLimit 120 8021B: Vola	tiles (g %RPD tiles	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethybenzene Xylenes, Total Sur: 4-Bromofluoroberzene Sample ID LCS-26538 Client ID: LCSS Prep Date: 7/21/2016	Samp Batci Analysis (Result ND ND ND ND 1.2 Samp Batci Analysis (Fype: ME b ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.050 0.050 0.10 Fype: LC b ID: 26 Date: 7/	3LK 538 22/2016 SPK value 1.000 S 538 22/2016	Tes F SPK Ref Val Tes F S	tCode: El RunNo: 3 SeqNo: 1 %REC 120 tCode: El RunNo: 3 SeqNo: 1	PA Method 5927 112228 LowLimit 80 PA Method 5927 112229	8021B: Vola Units: mg/k HighLimit 120 8021B: Vola Units: mg/k	tiles (g %RPD tiles (g	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Benzene Toluene Ethybenzene Xylenes, Total Sur: 4-Bromofluorobenzene Sample ID LCS-26538 Client ID: LCSS Prep Date: 7/21/2016 Analyte	Samp Batci Analysis (ND ND ND ND 1.2 Samp Batci Analysis (Result	Fype: ME bate: 7/ PQL 0.025 0.050 0.050 0.050 0.10 Fype: LC h ID: 264 Date: 7/ PQL	3LK 538 22/2016 SPK value 1.000 S 538 22/2016 SPK value	Tes SPK Ref Val Tes SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC 120 tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 5927 112228 LowLimit 80 PA Method 5927 112229 LowLimit	8021B: Vola Units: mg/k HighLimit 120 8021B: Vola Units: mg/k HighLimit	tiles %RPD tiles %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethybenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID LCS-26538 Client ID: LCSS Prep Date: 7/21/2016 Analyte Berzene	Samp Batci Analysis I Result ND ND ND ND 1.2 Samp Batci Analysis I Result 0.95	Fype: ME b ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.10 Fype: LC h ID: 26 Date: 7/ PQL 0.025	3LK 538 22/2016 SPK value 1.000 S 538 22/2016 SPK value 1.000	Tes SPK Ref Val Tes SPK Ref Val SPK Ref Val O	tCode: El RunNo: 3 SeqNo: 1 %REC 120 tCode: El RunNo: 3 SeqNo: 1 %REC 95.3	PA Method 5927 112228 LowLimit 80 PA Method 5927 112229 LowLimit 75.3	8021B: Vola Units: mg/H HighLimit 120 8021B: Vola Units: mg/H HighLimit 123	tiles (g %RPD tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethybenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID LCS-26538 Client ID: LCSS Prep Date: 7/21/2016 Analyte Berzene Toluene	Samp Batci Analysis I Result ND ND ND 1.2 Samp Batci Analysis I Result 0.95 1.0	Fype: ME h ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.10 Fype: LC h ID: 26 Date: 7/ PQL 0.025 0.050	3LK 538 22/2016 SPK value 1.000 S 538 22/2016 SPK value 1.000 1.000	Tes F SPK Ref Val Tes F SPK Ref Val 0 0	tCode: El RunNo: 3 SeqNo: 1 %REC 120 tCode: El RunNo: 3 SeqNo: 1 %REC 95.3 103	PA Method 5927 112228 LowLimit 80 PA Method 5927 112229 LowLimit 75.3 80	8021B: Vola Units: mg/H HighLimit 120 8021B: Vola Units: mg/H HighLimit 123 124	tiles (g %RPD tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethybenzene Xylenes, Total Surr: 4-Bromofluorobertzene Sample ID LCS-26538 Client ID: LCSS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethybenzene	Samp Batci Anatysis (Result ND ND ND 1.2 Samp Batci Anatysis (Result 0.95 1.0 1.0	Fype: ME h ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.10 Fype: LC h ID: 26 Date: 7/ PQL 0.025 0.050 0.050	3LK 538 22/2016 SPK value 1.000 S 538 22/2016 SPK value 1.000 1.000 1.000	Tes F SPK Ref Val Tes SPK Ref Val 0 0 0 0	tCode: El RunNo: 3 SeqNo: 1 %REC 120 tCode: El RunNo: 3 SeqNo: 1 %REC 95.3 103 105	PA Method 5927 112228 LowLimit 80 PA Method 5927 112229 LowLimit 75.3 80 82.8	8021B: Vola Units: mg/H HighLimit 120 8021B: Vola Units: mg/H HighLimit 123 124 121	tiles (g %RPD tiles (g %RPD	RPDLimit	Qual
Sample ID MB-26538 Client ID: PBS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethybenzene Xylenes, Total Sur: 4-Bromofluoroberzene Sample ID LCS-26538 Client ID: LCSS Prep Date: 7/21/2016 Analyte Berzene Toluene Ethyberzene Xylenes, Total	Samp Batci Analysis I Result ND ND ND 1.2 Samp Batci Analysis I Result 0.95 1.0 1.0 3.0	Fype: ME h ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.050 0.10 Fype: LC h ID: 26 Date: 7/ PQL 0.025 0.050 0.050 0.050 0.050 0.050	3LK 538 22/2016 SPK value 1.000 S 538 22/2016 SPK value 1.000 1.000 3.000	Tes SPK Ref Val SPK Ref Val SPK Ref Val 0 0 0 0 0 0 0	tCode: El RunNo: 3 SeqNo: 1 %REC 120 tCode: El RunNo: 3 SeqNo: 1 %REC 95.3 103 105 98.5	PA Method 5927 112228 LowLimit 80 PA Method 5927 112229 LowLimit 75.3 80 82.8 83.9	8021B: Vola Units: mg/k HighLimit 120 8021B: Vola Units: mg/k HighLimit 123 124 121 122	tiles (g %RPD tiles (g %RPD	RPDLimit	Qual

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
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- R RPD outside accepted recovery limits
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- P Sample pH Not In Range
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WO#: 1607A89

29**-Jul-**16

Client: C&C Landfarm

Project: C & C Landfarm (Vadose)

Sample ID 1607A89-019AMS	SampT	Type: MS	;	Tes	tCode: Ef	PA Method	8021B: Vola	tiles		
Client ID: Cell E-3-V	Batc	h ID: 26	538	F	RunNo: 3	5927				
Prep Date: 7/21/2016	Analysis D	Date: 7/	22/2016	S	SeqNo: 1	112231	Units: mg/H	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Berzene	0.89	0.024	0.9775	0.008124	90.0	71.5	122			
Toluene	0.92	0.049	0.9775	0	94.5	71.2	123			
Ethylbenzene	1.0	0.049	0.9775	0	102	75.2	130			
Xylenes, Total	2.8	0.098	2.933	0.01422	96.0	72.4	131			
Surr: 4-Bromofluorobenzene	1.0		0.9775		107	80	120			
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- * 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

WO#: 1607A89

29-Jul-16

Page 59 of 59

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

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HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

July 26, 2016 Jim Cooper C&C Landfarm Box 55 Monument, NM 88265 TEL: (575) 390-2454

RE: C & C Landfarm Treatment Zone

OrderNo.: 1607747

Dear Jim Cooper:

FAX

Hall Environmental Analysis Laboratory received 13 sample(s) on 7/15/2016 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 <u>www.hallenvironmental.com</u> 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm Client Sample ID: Cell-A-T **Project:** C & C Landfarm Treatment Zone Collection Date: 7/13/2016 6:20:00 AM 1607747-001 Received Date: 7/15/2016 9:30:00 AM Lab ID: Matrix: SOIL . . _ . DOT ~ . . . ----. .

Analyses	Result	PQL	Jual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	56	1.5		mg/Kg	1	7/20/2016 5:00:51 PM	26512
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst:	том
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/20/2016 3:09:36 PM	26464
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/20/2016 3:09:36 PM	26464
Surt: DNOP	141	70-130	s	%Rec	1	7/20/2016 3:09:36 PM	26464
EPA METHOD 8015D: GASOLINE RANG	E					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/19/2016 4:38:37 PM	26442
Surr: BFB	111	80-120		%Rec	1	7/19/2016 4:38:37 PM	26442
EPA METHOD 8021B: VOLATILES						Analyst:	NSB
Methyl tert-butyl ether (MTBE)	ND	0.096		mg/Kg	1	7/19/2016 4:38:37 PM	26442
Benzene	ND	0.024		mg/Kg	1	7/19/2016 4:38:37 PM	26442
Toluene	ND	0.048		mg/Kg	1	7/19/2016 4:38:37 PM	26442
Ethylbenzene	ND	0.048		mg/Kg	1	7/19/2016 4:38:37 PM	26442
Xylenes, Total	ND	0.096		mg/Kg	1	7/19/2016 4:38:37 PM	26442
Surr: 4-Bromofluorobenzene	139	80-120	s	%Rec	1	7/19/2016 4:38:37 PM	26442

- 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 17
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Analytical Report Lab Order 1607747

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 7/26/2016

CLIENT: C&C Landfarm C & C Landfarm Treatment Zone **Project:** Lab ID: 1607747-002 Matrix: SOIL Client Sample ID: Cell-B-T Collection Date: 7/13/2016 6:35:00 AM Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL (Qual Un	its	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	MRA
Chloride	3.6	1.5	mg	g/Kg	1	7/20/2016 5:50:31 PM	26512
EPA METHOD 8015M/D: DIESEL RANGI	E ORGANICS	1				Analyst:	том
Diesel Range Organics (DRO)	ND	9.4	mg	j/Kg	1	7/20/2016 4:15:14 PM	26464
Motor Oil Range Organics (MRO)	ND	47	mg	g/Kg	1	7/20/2016 4:15:14 PM	26464
Surr: DNOP	125	70-130	%F	Rec	1	7/20/2016 4:15:14 PM	26464
EPA METHOD 8015D: GASOLINE RANG	ε					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.6	mg	j/Kg	1	7/19/2016 5:05:28 PM	26442
Surr: BFB	102	80-120	%F	Rec	1	7/19/2016 5:05:28 PM	26442
EPA METHOD 8021B: VOLATILES						Analyst:	NSB
Methyl tert-butyl ether (MTBE)	ND	0.092	mg	j/Kg	1	7/19/2016 5:05:28 PM	26442
Benzene	ND	0.023	mg	g/Kg	1	7/19/2016 5:05:28 PM	26442
Toluene	ND	0.046	mg	g/Kg	1	7/19/2016 5:05:28 PM	26442
Ethylbenzene	ND	0.046	mg	/Kg	1	7/19/2016 5:05:28 PM	26442
Xylenes, Total	ND	0.092	mg	/Kg	1	7/19/2016 5:05:28 PM	26442
Surr: 4-Bromofluorobenzene	125	80-120	S %F	Rec	1	7/19/2016 5:05:28 PM	26442

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

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 2 of 17 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- w Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 C&C Landfarm
 Client Sample ID: Cell-C-T

 Project:
 C & C Landfarm Treatment Zone
 Collection Date: 7/13/2016 6:55:00 AM

 Lab ID:
 1607747-003
 Matrix:
 SOIL
 Received Date: 7/15/2016 9:30:00 AM

 Analyses
 Result
 PQL
 Qual
 Units
 DF
 Date Analyzed
 Batch

 EPA METHOD 300.0: ANIONS
 Analyst:
 MRA

Chloride	2.6	1.5	mg/Kg	1	7/21/2016 11:00:00 AM	26529
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	5			Analyst:	TOM
Diesel Range Organics (DRO)	39	9.9	mg/Kg	1	7/20/2016 4:37:13 PM	26464
Motor Oil Range Organics (MRO)	100	49	mg/Kg	1	7/20/2016 4:37:13 PM	26464
Surr: DNOP	129	70-130	%Rec	1	7/20/2016 4:37:13 PM	26464
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/19/2016 6:20:53 PM	26442
Surr: BFB	92.8	80-120	%Rec	1	7/19/2016 6:20:53 PM	26442

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Dago 2 of 17
	ND	Not Detected at the Reporting Limit	Р	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:C&C LandfarmClient Sample ID: Cell-D-TProject:C & C Landfarm Treatment ZoneCollection Date: 7/13/2016 7:25:00 AMLab ID:1607747-004Matrix: SOILReceived Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	74	30	mg/Kg	20	7/21/2016 12:26:52 PM	26529
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS	i			Analyst:	том
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	7/20/2016 4:59:03 PM	26464
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/20/2016 4:59:03 PM	26464
Surr: DNOP	108	70-130	%Rec	1	7/20/2016 4:59:03 PM	26464
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/19/2016 8:26:08 PM	26442
Surr. BFB	89.0	80-120	%Rec	1	7/19/2016 8:26:08 PM	26442

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 4 of 17
	ND	Not Detected at the Reporting Limit	Р	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

7/19/2016 8:50:42 PM

26442

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Hall Environmental Analysis Laboratory, Inc.

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Surr: BFB

CLIENT:	C&C Landfarm		Client Sample ID: Cell-E-T Collection Date: 7/13/2016 8:00:00 AM							
Project :	C & C Landfarm Treatmen	t Zone								
Lab ID:	1607747-005	Matrix: S	SOIL	Received	Date: 7/1	5/2016 9:30:00 AM				
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst:	MRA			
Chloride		2.2	1.5	mg/Kg	1	7/21/2016 2:06:07 PM	26529			
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst:	том			
Diesel Ra	ange Organics (DRO)	23	9.8	mg/Kg	1	7/20/2016 5:20:58 PM	26464			
Motor Oil	Range Organics (MRO)	110	49	mg/Kg	1	7/20/2016 5:20:58 PM	26464			
Surr: D	DNOP	120	70-130	%Rec	1	7/20/2016 5:20:58 PM	26464			
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst:	NSB			
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2016 8:50:42 PM	26442			

80-120

%Rec

91.3

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

Qualifi	ers:
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*

- Value exceeds Maximum Contaminant Level. Ð 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
- в Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 5 of 17 J
- р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm		Client Sample ID: Cell-F-T						
Project:	C & C Landfarm Treatmen	t Zone			Collection	n Date: 7/13/2016 8:25:00 AM			
Lab ID:	1607747-006	Matrix: S	SOIL		Received 1	Date: 7/1	5/2016 9:30:00 AM		
Analyses		Result	PQL	Qual	Units	DF	Date Analyzed	Batch	
EPA MET	HOD 300.0: ANIONS						Analyst:	MRA	
Chloride		13	1.5		mg/Kg	1	7/21/2016 2:30:56 PM	26529	
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS					Analyst:	том	
Diesel R	ange Organics (DRO)	ND	9.7		mg/Kg	1	7/20/2016 6:04:39 PM	26464	
Motor Oi	Range Organics (MRO)	ND	49		mg/Kg	1	7/20/2016 6:04:39 PM	26464	
Surr: [DNOP	134	70-130	S	%Rec	1	7/20/2016 6:04:39 PM	26464	
EPA MET	HOD 8015D: GASOLINE R	ANGE					Analyst:	NSB	
Gasoline	Range Organics (GRO)	ND	4.9		mg/Kg	1	7/19/2016 9:15:12 PM	26442	
Surr: E	3FB	86.6	80-120		%Rec	1	7/19/2016 9:15:12 PM	26442	

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- 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 17
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

7/19/2016 9:39:39 PM 26442

Hall Environmental Analysis Laboratory, Inc.

Surr: BFB

CLIENT:	C&C Landfarm	Client Sample ID: Cell-G-T							
Project:	C & C Landfarm Treatment Zor	ne		Collectio	n Date: 7 /1	3/2016 9:10:00 AM			
Lab ID:	1607747-007	Matrix:	SOIL	Receive	d Date: 7/1	5/2016 9:30:00 AM			
Analyses		Result	PQL	Qual Units	DF	Date Analyzed	Batch		
	HOD 300.0: ANIONS					Analyst	MRA		
Chloride		12	1.5	mg/Kg	1	7/21/2016 2:55:46 PM	26529		
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANIC	s			Analyst	TOM		
Diesel Ra	ange Organics (DRO)	ND	9.8	mg/Kg	1	7/20/2016 6:26:33 PM	26464		
Motor Oi	Range Organics (MRO)	ND	49	mg/Kg	1	7/20/2016 6:26:33 PM	26464		
Surr: [DNOP	104	70-130	%Rec	1	7/20/2016 6:26:33 PM	26464		
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst	NSB		
Gasoline	Range Organics (GRO)	ND	4.6	mg/Kg	1	7/19/2016 9:39:39 PM	26442		

80-120

%Rec

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88.4

Oualifiers :	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the
•	D	Sample Diluted Due to Matrix	Ē	Value above quantitation
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Ran
	R	RPD outside accepted recovery limits	RL	Reporting Detection Li

- S % Recovery outside of range due to dilution or matrix
- associated Method Blank
- ion range
- w quantitation limits Page 7 of 17
- ige
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

7/19/2016 10:04:10 PM 26442

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: Cell-H-T								
Project:	C & C Landfarm Treatment Zo	ne	Collection Date: 7/13/2016 9:30:00 AM							
Lab ID:	1607747-008	Matrix:	SOIL	Received	Date: 7/1	5/2016 9:30:00 AM				
Analyses		Result	PQL Qua	Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst:	MRA			
Chloride		13	1.5	mg/Kg	1	7/21/2016 3:20:35 PM	26529			
EPA MET	HOD 8015M/D: DIESEL RANGI	E ORGANICS	3			Analyst:	том			
Diesel Ra	ange Organics (DRO)	ND	9.7	mg/Kg	1	7/21/2016 2:29:24 PM	26464			
Motor Oil	Range Organics (MRO)	ND	48	mg/Kg	1	7/21/2016 2:29:24 PM	26464			
Surr: D	DNOP	113	70-130	%Rec	1	7/21/2016 2:29:24 PM	26464			
EPA MET	HOD 8015D: GASOLINE RANG	E				Analyst:	NSB			
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2016 10:04:10 PM	26442			

80-120

%Rec

1

87.2

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

Qualifiers:

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Surr: BFB

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 8 of 17 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	_	Client Sample ID: Cell-I-T							
Project:	C & C Landfarm Treatment	Zone		Collection	Date: 7/1	3/2016 10:00:00 AM				
Lab ID:	1607747-009	Matrix: S	SOIL	Received	Date: 7/1	5/2016 9:30:00 AM				
Analyses		Result	PQL Qua	al Units	DF	Date Analyzed	Batch			
EPA MET	HOD 300.0: ANIONS					Analyst:	MRA			
Chloride		2.7	1.5	mg/Kg	1	7/21/2016 3:45:24 PM	26529			
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst:	том			
Diesel Ra	ange Organics (DRO)	ND	9.2	mg/Kg	1	7/20/2016 7:10:19 PM	26464			
Motor Oil	Range Organics (MRO)	ND	46	mg/Kg	1	7/20/2016 7:10:19 PM	26464			
Surr: [DNOP	112	70-130	%Rec	1	7/20/2016 7:10:19 PM	26464			
EPA MET	HOD 8015D: GASOLINE RA	NGE				Analyst:	NSB			
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	7/19/2016 10:28:39 PM	26442			
Surr: E	3FB	86.8	80-120	%Rec	1	7/19/2016 10:28:39 PM	26442			

- 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
 - The Police of 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 17
- 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.

CLIENT: C&C Landfarm Client Sample ID: Cell-J-T C & C Landfarm Treatment Zone Collection Date: 7/13/2016 10:35:00 AM **Project:** Lab ID: 1607747-010 Matrix: SOIL Received Date: 7/15/2016 9:30:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	23	1.5	mg/Kg	1	7/21/2016 4:35:02 PM	26529
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS	;			Analyst:	TOM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	7/20/2016 7:32:15 PM	26464
Motor Oil Range Organics (MRO)	51	49	mg/Kg	1	7/20/2016 7:32:15 PM	26464
Surr: DNOP	96.5	70-130	%Rec	1	7/20/2016 7:32:15 PM	26464
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/19/2016 10:53:00 PM	26442
Surr: BFB	84.1	80-120	%Rec	1	7/19/2016 10:53:00 PM	26442
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	7/19/2016 10:53:00 PM	26442
Benzene	ND	0.024	mg/Kg	1	7/19/2016 10:53:00 PM	26442
Toluene	ND	0.047	mg/Kg	1	7/19/2016 10:53:00 PM	26442
Ethylbenzene	ND	0.047	mg/Kg	1	7/19/2016 10:53:00 PM	26442
Xylenes, Total	ND	0.095	mg/Kg	1	7/19/2016 10:53:00 PM	26442
Surr: 4-Bromofluorobenzene	94.3	80-120	%Rec	1	7/19/2016 10:53:00 PM	26442

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

*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in th
D	Sample Diluted Due to Matrix	E	Value above quantitat
н	Holding times for preparation or analysis exceeded	J	Analyte detected belo
ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Ra
R	RPD outside accepted recovery limits	RL	Reporting Detection I
	* D H ND R	 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 	* Value exceeds Maximum Contaminant Level. B D Sample Diluted Due to Matrix E H Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit P R RPD outside accepted recovery limits RL

% Recovery outside of range due to dilution or matrix

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- ne associated Method Blank tion range
- w quantitation limits Page 10 of 17
- nge
- *i*mit.
- Sample container temperature is out of limit as specified w

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm		Client Sample ID: Cell-K-T								
Project:	C & C Landfarm Treatmen	t Zone		Collection]	Collection Date: 7/13/2016 11:15:00 AM						
Lab ID:	1607747-011	Matrix: S	SOIL	Received	Received Date: 7/15/2016 9:30:00 AM						
Analyses		Result	PQL Q	ual Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst	MRA				
Chloride		4.5	1.5	mg/Kg	1	7/21/2016 4:59:52 PM	26529				
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	: TOM				
Diesel Ra	ange Organics (DRO)	ND	9.5	mg/Kg	1	7/20/2016 7:54:05 PM	26464				
Motor Oil	Range Organics (MRO)	ND	48	mg/Kg	1	7/20/2016 7:54:05 PM	26464				
Surr: D	DNOP	142	70-1 30	S %Rec	1	7/20/2016 7:54:05 PM	26464				
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	NSB:				
Gasoline	Range Organics (GRO)	ND	4.8	mg/Kg	1	7/19/2016 11:17:19 PM	26442				
Surr: E	3FB	87.1	80-120	%Rec	1	7/19/2016 11:17:19 PM	26442				

Qualif	liers:
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- 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 11 of 17
- 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.

CLIENT:	C&C Landfarm		Client Sample ID: Cell-L-T								
Project:	C & C Landfarm Treatmen	t Zone		Collection							
Lab ID:	1607747-012	Matrix: S	SOIL	Received	Received Date: 7/15/2016 9:30:00 AM						
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch				
EPA MET	HOD 300.0: ANIONS					Analyst:	MRA				
Chloride		2.7	1.5	mg/Kg	1	7/21/2016 5:24:42 PM	26529				
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS	i			Analyst:	том				
Diesel Ra	ange Organics (DRO)	31	10	mg/Kg	1	7/21/2016 2:53:10 PM	26464				
Motor Oi	Range Organics (MRO)	61	50	mg/Kg	1	7/21/2016 2:53:10 PM	26464				
Surr: [DNOP	115	70-130	%Rec	1	7/21/2016 2:53:10 PM	26464				
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst:	NSB				
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	7/19/2016 11:41:37 PM	26442				
Surr: E	BFB	81.5	80-120	%Rec	1	7/19/2016 11:41:37 PM	26442				

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

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- в Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 12 of 17 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1607747 Date Reported: 7/26/2016

CLIENT:	C&C Landfarm		Client Sample ID: Cell-M-1										
Project:	C & C Landfarm Treatment 2	Zone		Collection 1	Date: 7/1	3/2016 12:10:00 PM							
Lab ID:	1607747-013	Matrix:	SOIL	Received	Date: 7/1	15/2016 9:30:00 AM							
Analyses		Result	PQL Qua	l Units	DF	Date Analyzed	Batch						
EPA MET	HOD 300.0: ANIONS					Analys	t: MRA						
Chloride		2.5	1.5	mg/Kg	1	7/21/2016 5:49:32 PM	26529						
EPA MET	HOD 8015M/D: DIESEL RAN	GE ORGANICS	6			Analys	t: TOM						
Diesel Ra	ange Organics (DRO)	ND	10	mg/Kg	1	7/20/2016 8:37:50 PM	26464						
Motor Oi	I Range Organics (MRO)	ND	50	mg/Kg	1	7/20/2016 8:37:50 PM	26464						
Surr: [DNOP	129	70-130	%Rec	1	7/20/2016 8:37:50 PM	26464						
EPA MET	HOD 8015D: GASOLINE RAI	NGE				Analys	t NSB						
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	7/20/2016 12:05:52 AM	26442						
Surr: E	BFB	81.5	80-120	%Rec	1	7/20/2016 12:05:52 AM	26442						
EPA MET	HOD 8021B: VOLATILES					Analys	t: NSB						

Sun DFD	01.5	00-120	70 Rec		7/20/2010 12.00.02 AM	20442
PA METHOD 8021B: VOLATILES					Analyst:	NSB
Methyl tert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	7/20/2016 12:05:52 AM	26442
Benzene	ND	0.024	mg/Kg	1	7/20/2016 12:05:52 AM	26442
Toluene	ND	0.047	mg/Kg	1	7/20/2016 12:05:52 AM	26442
Ethylbenzene	ND	0.047	mg/Kg	1	7/20/2016 12:05:52 AM	26442
Xylenes, Total	ND	0.094	mg/Kg	1	7/20/2016 12:05:52 AM	26442
Surr: 4-Bromofluorobenzene	89.0	80-120	%Rec	1	7/20/2016 12:05:52 AM	26442

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limitsPage 13 of 17 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

C & C Landfarm Treatment Zone

Result

ND

SampType: mblk

Batch ID: 26512

Analysis Date: 7/20/2016

SampType: Ics

Batch ID: 26512

PQL

1.5

C&C Landfarm

Prep Date:	7/20/2016	Analysis D	ate: 7	/20/2016	5	SeqNo: 1	110036	Units: mg/K	(g		
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-26529	SampT	ype:m	bik	Tes	tCode: E	PA Method	300.0: Anion	\$		
Client ID:	PBS	Batch	n ID: 26	529	F	RunNo: 3	5903				
Prep Date:	7/21/2016	Analysis D	ate: 7	/21/2016	5	SeqNo: 1	111501	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-26529	SampT	ype: Ica	\$	Tes	tCode: E	PA Method	300.0: Anion	\$		
Client ID:	LCSS	Batch	D: 26	529	f	RunNo: 3	5903				
Prep Date:	7/21/2016	Analysis D	ate: 7	/21/2016	5	SeqNo: 1	111502	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	97.2	90	110			
Sample ID	1607747-003AMS	SampT	ype:m	8	Tes	tCode: El	PA Method	300.0: Anion	8		
Sample ID Client ID:	1607747-003AMS Cell-C-T	SampT Batch	ype: ma ID: 26	s 529	Tes	itCode: El RunNo: 3	PA Method 5903	300.0: Anion	8		
Sample ID Client ID: Prep Date:	1607747-003AMS Cell-C-T 7/21/2016	SampT Batch Analysis D	ype: m ID: 26 ate: 7/	529 /21/2016	Tes F S	tCode: El RunNo: 3 SeqNo: 1	PA Method 5903 111513	300.0: Anion Units: mg/K	s		
Sample ID Client ID: Prep Date: Analyte	1607747-003AMS Cell-C-T 7/21/2016	SampT Batch Analysis D Resutt	ype:m: ID:26 rate:7/ PQL	529 /21/2016 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 5903 111513 LowLimit	300.0: Anion Units: mg/K HighLimit	s g %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Chloride	1607747-003AMS Cell-C-T 7/21/2016	SampT Batch Analysis D Result 17	ype:ma ID: 26 rate: 7/ PQL 1.5	s 529 /21/2016 SPK value 15.00	Tes F S SPK Ref Val 2.609	tCode: El RunNo: 3 SeqNo: 1 %REC 98.9	PA Method 5903 111513 LowLimit 70.8	300.0: Anion Units: mg/K HighLimit 119	s g %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Chloride Sample ID	1607747-003AMS Cell-C-T 7/21/2016 1607747-003AMSI	SampT Batch Analysis D Result 17 D SampT	ype:ma alD: 26 ate: 7/ PQL 1.5 ype:ma	s 529 /21/2016 SPK value 15.00	Tes F SPK Ref Val 2.609 Tes	tCode: El RunNo: 3 SeqNo: 1 %REC 98.9 tCode: El	PA Method 5903 111513 LowLimit 70.8 PA Method	300.0: Anion Units: mg/K HighLimit 119 300.0: Anion	s g %RPD s	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Chloride Sample ID Client ID:	1607747-003AMS Cell-C-T 7/21/2016 1607747-003AMSI Cell-C-T	SampT Batch Analysis D Result 17 D SampT Batch	ype: ma 1D: 26 ate: 7/ PQL 1.5 ype: ma 1D: 26	s 529 /21/2016 SPK value 15.00 sd 529	Tes F SPK Ref Val 2.609 Tes F	tCode: El RunNo: 3 SeqNo: 1 %REC 98.9 tCode: El RunNo: 3	PA Method 5903 111513 LowLimit 70.8 PA Method 5903	300.0: Anion Units: mg/K HighLimit 119 300.0: Anion	s g %RPD s	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Chloride Sample ID Client ID: Prep Date:	1607747-003AMS Cell-C-T 7/21/2016 1607747-003AMSI Cell-C-T 7/21/2016	SampT Batch Analysis D Result 17 D SampT Batch Analysis D	ype: ma lD: 26 ate: 7, PQL 1.5 ype: ma lD: 26 ate: 7,	s 529 /21/2016 SPK value 15.00 sd 529 /21/2016	Tes F SPK Ref Val 2.609 Tes F	tCode: El RunNo: 3 SeqNo: 1 %REC 98.9 tCode: El RunNo: 3 SeqNo: 1	PA Method 5903 111513 LowLimit 70.8 PA Method 5903 111514	300.0: Anion Units: mg/K HighLimit 119 300.0: Anion Units: mg/K	s g %RPD s	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Chloride Sample ID Client ID: Prep Date: Analyte	1607747-003AMS Cell-C-T 7/21/2016 1607747-003AMSI Cell-C-T 7/21/2016	SampT Batch Analysis D Result 17 D SampT Batch Analysis D Result	ype: ma a ID: 26 ate: 7/ PQL 1.5 ype: ma i ID: 26 ate: 7/ PQL	s 529 /21/2016 SPK value 15.00 sd 529 /21/2016 SPK value	Tes SPK Ref Val 2.609 Tes F SPK Ref Val	tCode: El RunNo: 3 SeqNo: 1 %REC 98.9 tCode: El RunNo: 3 SeqNo: 1 %REC	PA Method 5903 111513 LowLimit 70.8 PA Method 5903 111514 LowLimit	300.0: Anion Units: mg/K HighLimit 119 300.0: Anion Units: mg/K HighLimit	s g %RPD s g %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Chloride Sample ID Client ID: Prep Date: Analyte Chloride	1607747-003AMS Cell-C-T 7/21/2016 1607747-003AMSI Cell-C-T 7/21/2016	SampT Batch Analysis D Result 17 D SampT Batch Analysis D Result 18	ype: ma ate: 7, PQL 1.5 ype: ma 1D: 26 ate: 7, PQL 1.5	s 529 /21/2016 SPK value 15.00 sd 529 /21/2016 SPK value 15.00	Tes SPK Ref Val 2.609 Tes SPK Ref Val 2.609	tCode: El RunNo: 3 SeqNo: 1 %REC 98.9 tCode: El RunNo: 3 SeqNo: 1 %REC 100	PA Method 5903 111513 LowLimit 70.8 PA Method 5903 111514 LowLimit 70.8	300.0: Anion Units: mg/K HighLimit 119 300.0: Anion Units: mg/K HighLimit 119	s %RPD s %RPD 0.939	RPDLimit RPDLimit 20	Qual
Sample ID Client ID: Prep Date: Analyte Chloride Sample ID Client ID: Prep Date: Analyte Chloride	1607747-003AMS Cell-C-T 7/21/2016 1607747-003AMSI Cell-C-T 7/21/2016	SampT Batch Analysis D Result 17 D SampT Batch Analysis D Result 18	ype: ma ate: 7/ PQL 1.5 ype: ma 1D: 26 ate: 7/ PQL 1.5	s 529 /21/2016 SPK value 15.00 sd 529 /21/2016 SPK value 15.00	Tes SPK Ref Val 2.609 Tes SPK Ref Val 2.609	tCode: El RunNo: 3 SeqNo: 1 %REC 98.9 tCode: El RunNo: 3 SeqNo: 1 %REC 100	PA Method 5903 111513 LowLimit 70.8 PA Method 5903 111514 LowLimit 70.8	300.0: Anion Units: mg/K HighLimit 119 300.0: Anion Units: mg/K HighLimit 119	s %RPD s %RPD 0.939	RPDLimit RPDLimit 20	Qual
Sample ID Client ID: Prep Date: Analyte Chloride Sample ID Client ID: Prep Date: Analyte Chloride	1607747-003AMS Cell-C-T 7/21/2016 1607747-003AMSI Cell-C-T 7/21/2016	SampT Batch Analysis D Result 17 D SampT Batch Analysis D Result 18	ype: ma ate: 7/ PQL 1.5 ype: ma 1D: 26 ate: 7/ PQL 1.5	s 529 /21/2016 SPK value 15.00 sd 529 /21/2016 SPK value 15.00	Tes SPK Ref Val 2.609 Tes SPK Ref Val 2.609	tCode: El RunNo: 3 SeqNo: 1 %REC 98.9 tCode: El RunNo: 3 SeqNo: 1 %REC 100	PA Method 5903 111513 LowLimit 70.8 PA Method 5903 111514 LowLimit 70.8	300.0: Anion Units: mg/K HighLimit 119 300.0: Anion Units: mg/K HighLimit 119	s 9 %RPD s 9 %RPD 0.939	RPDLimit RPDLimit 20	Qual

Qualifiers:

Client:

Project:

Analyte Chloride

Sample ID MB-26512

Prep Date: 7/20/2016

Sample ID LCS-26512

Client ID: LCSS

Client ID: PBS

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- н 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
- в Analyte detected in the associated Method Blank

TestCode: EPA Method 300.0: Anions

TestCode: EPA Method 300.0: Anions

Units: mg/Kg

HighLimit

RunNo: 35855

RunNo: 35855

SPK value SPK Ref Val %REC LowLimit

SeqNo: 1110035

- Ε 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

WO#: 1607747

Qual

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RPDLimit

%RPD

26-Jul-16

WO#:	1607747
	100//4/

26-Jul-16

C&C Landfarm

Client:

Project: C & C L	andfarm Treatment	Zone								
Sample ID 1607747-001AMS	SampType: MS		Tes	tCode: EF	PA Method	8015M/D: Die	sel Rang	e Organics		
Client ID: Cell-A-T	Batch ID: 264	64	F	RunNo: 34	5794					
Prep Date: 7/19/2016	Analysis Date: 7/2	20/2016	s	SeqNo: 1'	109621	Units: mg/K	g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	63 9.1	45.66	0	138	33.9	141				
Surr: DNOP	7.0	4.566		154	70	130			S	
Sample ID 1607747-001AMS	Sample ID 1607747-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: Cell-A-T	Batch ID: 264	64	F	RunNo: 3	5794					
Prep Date: 7/19/2016	Analysis Date: 7/2	20/2016	5	SeqNo: 1	109622	Units: mg/K	g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	64 9.7	48.69	0	132	33.9	141	2.18	20		
Suit: DNOP	7.0	4.869		144	70	130	0	0	S	
Sample ID LCS-26464	SampType: LCS	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Rang	e Organics		
Client ID: LCSS	Batch ID: 264	64	F	RunNo: 3	5794					
Prep Date: 7/19/2016	Analysis Date: 7/2	20/2016	S	SeqNo: 11	109636	Units: mg/K	g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	59 10	50.00	0	118	62.6	124				
Sur: DNOP	5.9	5.000		118	70	130				
Sample ID MB-26464	SampType: MB	LK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	e Organics		
Client ID: PBS	Batch ID: 264	64	F	RunNo: 38	5794					
Prep Date: 7/19/2016	Analysis Date: 7/2	20/2016	s	SeqNo: 11	109637	Units: mg/K	g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND 10									
Motor Oil Range Organics (MRO)	ND 50									
Surr: DNOP	11	10.00		107	70	130				
Sample ID MB-26465	SampType: MB	LK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	e Organics		
Client ID: PBS	Batch ID: 264	65	R	tunNo: 35	5794					
Prep Date: 7/19/2016	Analysis Date: 7/2	0/2016	S	eqNo: 11	10143	Units: %Rea	:			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP	10	10.00		101	70	130				

Qualifiers:

Value exceeds Maximum Contaminant Level. ٠

- 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
- Analyte detected in the associated Method Blank В
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
- Page 15 of 17

- Р Sample pH Not In Range RL
- **Reporting Detection Limit** w
- Sample container temperature is out of limit as specified

WO#: 1607747

26**-Jul-**16

Client: C&C Landfarm

Project: C & C I	.andfarm Tr	reatmen	t Zone							
Sample ID MB-26442	26442 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range							e		
Client ID: PBS	Batch	h ID: 26	442	F	RunNo: 3	5812				
Prep Date: 7/18/2016	Analysis D	Date: 7/	19/2016	SeqNo: 1108256 Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surf: BFB	900		1000		89.8	80	120			
Sample ID LCS-26442	SampT	ype: LC	S	Tes	tCode: E	PA Method	8015D: Gase	oline Rang	e	
Client ID: LCSS	Batch	h ID: 26	442	F	RunNo: 3	5812				
Prep Date: 7/18/2016	Analysis D)ate: 7/	19/2016	s	SeqNo: 1	108257	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	116	80	120			
Sun: BFB	900		1000		90.0	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

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Client: C&C Landfarm

Project: C & C Landfarm Treatment Zone

Sample ID MB-26442	Samp	Type: ME	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 26	442	F	RunNo: 3	5812				
Prep Date: 7/18/2016	Analysis I	Date: 7/	19/2016	5	SeqNo: 1	108288	Units: mg/h	<g< td=""><td></td><td></td></g<>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			
Sample ID LCS-26442	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 26	442	F	RunNo: 3	5812				
Prep Date: 7/18/2016	Analysis [Date: 7/	19/2016	s	SeqNo: 1	108297	Units: mg/h	۲g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	. 1.0	0.10	1.000	0	104	61	143			
Benzene	1.1	0.025	1.000	0	113	75.3	123			
Toluene	0.98	0.050	1.000	0	97.8	80	124			
Ethylbenzene	0.96	0.050	1.000	0	95.5	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	96.0	83.9	122			
	10		1 000		101	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
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- W Sample container temperature is out of limit as specified

WO#: 1607747

26**-Jul-**16

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albu FEL: 505-245-3975 Website: www.hal	(nalysii 4901 qaerqui FAX: 5 llensiro	: Laborat Hawkins 2. NM 87 15-345-41 imenial c	ery NE 169 Sam 167 com	Sample Log-In Check List				
Client Name: C&C LANDFARM	Work Order Number:	16077	47		ReptN	D: 1			
Received hy/date:	Calistic								
Logged By: Lindsay Mangin	7/16/2016 9:30:00 AM			Jul Hap					
Completed By: Lindsay Mangin	7/15/2016 3.17:42 PM			Jullio					
Reviewed By	plistic								
Chain of Custody	; (
1 Custody seals intact on sample bottles?		Yes	B	No	Not Present 🗸				
2 Is Chain of Custody complete?		Yęş	X	No	Not Present				
3. How was the sample delivered?		Cour	er						
Log In									
4 Was an attempt made to cool the sampl	es?	Yes	X	No	NA				
5. Were all samples received at a temperat	ture of >0° C to 6.0°C	Yes		No	NA				
6 Sample(s) in proper container(ε)?		Yes	Y	No					
7 Sufficient sample volume for indicated te	S1(S)?	Yes	~	No					
8 Are samples (except VOA and ONG) pro	perly preserved?	Yes	2	No					
9 Was preservative added to bottles?		Yes	Ľ	No 🗹	NA	⁴			
10. VOA vials have zero headspace?		Yes		NO	No VOA Vials 🖌	Ì			
11. Were any sample containers received b	roken?	Yes		No 🗹					
12 Does paperwork match bottle labels?		Yes	Z	No	# of preserved bottles checked for pH:				
(Note discrepancies on chain of custody))				(<:	2 or >12 unless noted)			
13. Are matrices correctly identified on Chain	n of Custody?	Yes	¥ ⊡∡	No	Adjusted?				
14, is it clear what analyses were requested 15. Were all holding times able to be mer?	?	Yes	₩. 1.2	No i	Checked by				
(If no, notify customer for authorization.)		165			,				
Special Handling (if applicable)									
16. Was client notified of all discrepancies w	ith this order?	Yes	\Box	No	NA V	1			
Person Notified:	Date								
By Whom:	Via	_∵eMa	il 🗌 P	hone 🚺 Fax	In Person				
Regarding									
Client Instructions:									
17 Additional remarks									
18. <u>Cooler Information</u>									
Cooler No Temp °C Condition	Seal Intact Seal No \$ Yes	Seal Da	le	Signed By					
				I					

Page 1 of 1
INTAL	ATORY								(N	01	<u>ل</u>)	səlddu																tical report.
IWN	2 2	E	187109	107						(¥	00-	ime2)	0228	<u> </u>	<u>с</u>	2	7			2	2	7	<u>K'</u>	2	2		to	the analy
Q			NZ NZ	345-7	uest						(∀	OV) 8	0928													49	¢	an on
a F		nent	arque	505-	Requ		s . 80	0 d 7	2808	}/s	əpi	Pestic	1808													(9	to note
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C & C LANDFARM BOX 55 MONUMENT, NM 88265

NMOCD Environmental ATTN: Brad Jones 1220 South St. Francis Drive Santa Fe, NM 87505

RE: C & C Landfarm

Mr. Jones:

Please find the attached request and/or information concerning C & C.

We appreciate your continued patience as we get everything as you requested.

Thanks for your help.

Jemme T. Cooper

Jimmie T. Cooper Owner - Operator C & C Landfarm 575-397-2045

February 5, 2016

NMOCD Environmental 1220 South ST. Francis Drive Santa FE, NM 87505

RE: C & C Landfarm (NM-1-012) Sampling

Mr. Jones:

Find within the Treatment Zone and Vadose Zone sampling as required.

I have compared the data to my background and PQL, and all are in compliance.

Should you have any questions, please call.

Thanks,

Eddie Seay Consulting, Agent 601 W. Illinois Hobbs, NM 88242 575-392-2236 seay04@leaco.net

cc: C & C Landfarm - Jimmie T. Cooper





December 22, 2015

Eddie Seay Eddie Seay Consulting 601 W. Illinois Hobbs, NM 88242

RE: C & C LANDFARM - TREATMENT ZONE

Enclosed are the results of analyses for samples received by the laboratory on 12/18/15 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celuz D. Kune

Celey D. Keene Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	12/18/2015	Sampling Date:	12/17/2015
Reported:	12/22/2015	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM SECT 3		

Sample ID: CELL A - T (H503288-01)

Chioride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	<16.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS					<u></u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/18/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	18.7	10.0	12/18/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	111 9	6 35-147	, , , , ,				artification i s		
Surrogate: 1-Chlorooctadecane	111 9	6 28-171							

Sample ID: CELL B - T (H503288-02)

Chioride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/18/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	42.4	10.0	12/18/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	108 %	6 35-147	,			<u> </u>			
Surrogate: 1-Chlorooctadecane	108 %	<i>28-171</i>							

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Celeg 2. treens-



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	12/18/2015	Sampling Date:	12/17/2015
Reported:	12/22/2015	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM SECT 3		

Sample ID: CELL C - T (H503288-03)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/21/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	261	10.0	12/21/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	105 9	% 35-147							
Surrogate: 1-Chlorooctadecane	1149	6 28-171							

Sample ID: CELL D - T (H503288-04)

Chioride, SM4500CHB	mg/i	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/21/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	112	10.0	12/21/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	111 %	35-147	, , , , , , , , , , , , , , , , , , , 						
Surrogate: 1-Chlorooctadecane	102 %	28-171							

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Celey D. Kenn-



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	12/18/2015	Sampling Date:	12/17/2015
Reported:	12/22/2015	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM SECT 3		

Sample ID: CELL E - T (H503288-05)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	384	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/18/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	20.0	10.0	12/18/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	104 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	99.3	28-171							

Sample ID: CELL F - T (H503288-06)

Chloride, SM4500CI-B	mg/l	.	Analyze	d By: AP	·····				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride .	64.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/18/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	59.6	10.0	12/18/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	109 %	35-147	· · · · · · · · · · · · · · · · · · ·						
Surrogate: 1-Chlorooctadecane	106 %	28-171							

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Celleg D. Kenna-



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	12/18/2015	Sampling Date:	12/17/2015
Reported:	12/22/2015	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM SECT 3		

Sample ID: CELL G - T (H503288-07)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	<16.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/18/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	19.7	10.0	12/18/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	100 9	% 35-147							
Surrogate: 1-Chlorooctadecane	97.4	% 28-171							

Sample ID: CELL H - T (H503288-08)

Chloride, SM4500CI-B	mg/k	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	80.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/k	9	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/18/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	20.5	10.0	12/18/2015	ND	17 6	88 .2	200	1.06	
Surrogate: 1-Chlorooctane	110%	35-147	,						
Surrogate: 1-Chlorooctadecane	104 %	28-171							

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Celler D. Keena-



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	12/18/2015	Sampling Date:	12/17/2015
Reported:	12/22/2015	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM SECT 3		

Sample ID: CELL I - T (H503288-09)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/21/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	182	10.0	12/21/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	118	% 35-147	,						
Surrogate: 1-Chlorooctadecane	107	% 28-171							

Sample ID: CELL J - T (H503288-10)

Chioride, SM4500CI-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/18/2015	ND	186	93.2	200	0.854	
DRO >C10-C28	81.8	10.0	12/18/2015	ND	176	88.2	200	1.06	
Surrogate: 1-Chlorooctane	108 9	% 35-147	,					- * * * * * * * * * * * * * * * * * * *	
Surrogate: 1-Chlorooctadecane	108 9	% 28-171							

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Celey Z. Frena-



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	12/18/2015	Sampling Date:	12/17/2015
Reported:	12/22/2015	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM SECT 3		

Sample ID: CELL K - T (H503288-11)

Chloride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/21/2015	ND	173	86.5	200	7.80	
DRO >C10-C28	108	10.0	12/21/2015	ND	180	90.0	200	9.08	
Surrogate: 1-Chlorooctane	112	% 35-147	, , , , , , , , , , , , , , , , , , ,						
Surrogate: 1-Chlorooctadecane	108	% 28-171							

Sample ID: CELL L - T (H503288-12)

Chioride, SM4500CI-B	mg/l	cg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chioride	<16.0	16.0	12/21/2015	ND	432	108	40 0	0.00	
TPH 8015M	mg/l	cg	Analyze	d By: MS	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/22/2015	ND	173	86.5	200	7.80	
DRO >C10-C28	117	10.0	12/22/2015	ND	180	90.0	200	9.08	
Surrogate: 1-Chlorooctane	100 %	35-147	,						
Surrogate: 1-Chlorooctadecane	105 %	28-171							

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Celang 2: Kena

Celey D. Keene, Lab Director/Quality Manager



Eddie Seay Consulting Eddie Seay 601 W. Illinois Hobbs NM, 88242 Fax To: (505) 392-6949

Received:	12/18/2015	Sampling Date:	12/17/2015
Reported:	12/22/2015	Sampling Type:	Soil
Project Name:	C & C LANDFARM - TREATMENT ZONE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM SECT 3		

Sample ID: CELL M - T (H503288-13)

Chioride, SM4500CI-B	mg/kg		Analyze	Analyzed By: AP			• ••• ••• •••		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<1 6 .0	16 .0	12/21/2015	ND	432	108	400	0.00	
TPH 8015M	mg/l	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	12/19/2015	ND	173	86.5	200	7.80	
DRO >C10-C28	75.0	10.0	12/19/2015	ND	180	90.0	200	9.08	
Surrogate: 1-Chlorooctane	107 %	5 35-147	,						
Surrogate: 1-Chlorooctadecane	112%	5 28- 171							

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Celeg Di Keene-



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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REAGE NOTE: Liability and Damages. Cardinal's liability and clenc's exclusive remedy for any cleim arising, whether pased in contract or tort, shall be limited to the amount paid by cleint for analyses. All cleims, including those for negligance and any other cause whetpower shall be deemed welved unless made in writing and received by Controllar within thirty (30) days after completion of the applicable service. In to event shall Cardhail be liable for incidental or consequential damages, including, without limitation, publics index paids in a statistic statistic statistics of second by Control well and the service and any of the barries stated receiver or dimense. Bell index of the services interruptions, loss of use, or loss of profile above. The report shall note damous are produced except in (1) with written approval of Control Loboratives.

Celler D. Kenne

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Page 10 of 11

1251



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Page 11 of 11

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

January 08, 2016

Jim Cooper C&C Landfarm Box 55 Monument, NM 88265 TEL: (575) 390-2454 FAX

RE: C & C Landfarm

OrderNo.: 1512A80

Dear Jim Cooper:

Hall Environmental Analysis Laboratory received 52 sample(s) on 12/23/2015 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 <u>www.hallenvironmental.com</u> 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,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

12/25/2015 12:11:05 AM 22951

Hall Environmental Analysis Laboratory, Inc.

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

CLIENT: C&C Landfarm Client Sample ID: A-1V C & C Landfarm Collection Date: 12/20/2015 1:20:00 PM **Project:** Lab ID: 1512A80-001 Matrix: SOIL Received Date: 12/23/2015 9:40:00 AM Result Analyses **RL** Qual Units **DF** Date Analyzed Batch EPA METHOD 418.1: TPH Analyst: TOM Petroleum Hydrocarbons, TR ND 19 mg/Kg 1 12/29/2015 22959 **EPA METHOD 300.0: ANIONS** Analyst: LGT 12/31/2015 3:34:35 PM 23025 Chloride 1.5 ND mg/Kg 1 **EPA METHOD 8021B: VOLATILES** Analyst NSB Methyl tert-butyl ether (MTBE) ND 0.095 mg/Kg 1 12/25/2015 12:11:05 AM 22951

0.048

0.048

0.048

0.095

80-120

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%REC

1

1

1

1

1

ND

ND

ND

ND

101

Refer to the OC Summary report and sample login checklist for flagged OC data and preservation informat	t and sample login checklist for flagged OC data and preservation information
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Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detect
	D	Sample Diluted Due to Matrix	E	Value above of
	н	Holding times for preparation or analysis exceeded	J	Analyte detect

- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- ted in the associated Method Blank
- puantitation range
- ted below quantitation limits Page 1 of 62
- Р Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report Lab Order 1512A80

Date Reported: 1/8/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm	Client Sample ID: A-2V Collection Date: 12/20/2015 1:50:00 PM							
Project: C & C Landfarm								
Lab ID: 1512A80-002	Matrix:	SOIL	Received Date:		/23/2015 9:40:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed Ba	tch		
EPA METHOD 418.1: TPH					Analyst: TC	M		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015 22	959		
EPA METHOD 300.0: ANIONS					Analyst: LO	ЭT		
Chloride	ND	1.5	mg/Kg	1	12/31/2015 4:24:13 PM 23	025		
EPA METHOD 80218: VOLATILES					Analyst: NS	3B		
Methyl tert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	12/25/2015 12:35:16 AM 22	951		
Benzene	ND	0.048	mg/Kg	1	12/25/2015 12:35:16 AM 22	951		
Toluene	ND	0.048	mg/Kg	1	12/25/2015 12:35:16 AM 22	951		
Ethylbenzene	ND	0.048	mg/Kg	1	12/25/2015 12:35:16 AM 22	951		
Xylenes, Total	ND	0.096	mg/Kg	1	12/25/2015 12:35:16 AM 22	951		
Surr: 4-Bromofluorobenzene	103	80-120	%REC	1	12/25/2015 12:35:16 AM 22	951		

- 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 2 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report Lab Order 1512A80

Date Reported: 1/8/2016

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm	Client Sample ID: A-3V							
Project: C & C Landfarm	Collection Date: 12/20/2015 2:25:00 PM							
Lab ID: 1512A80-003	Matrix:	SOIL	Received Da)ate: 12/23/2015 9:40:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 418.1: TPH					Analyst	TOM		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959		
EPA METHOD 300.0: ANIONS					Analyst	LGT		
Chloride	ND	1.5	mg/Kg	1	12/31/2015 4:49:02 PM	23025		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Methyl tert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/25/2015 2:11:49 AM	22951		
Benzene	ND	0.049	mg/Kg	1	12/25/2015 2:11:49 AM	22951		
Toluene	ND	0.049	mg/Kg	1	12/25/2015 2:11:49 AM	22951		
Ethylbenzene	ND	0.049	mg/Kg	1	12/25/2015 2:11:49 AM	22951		
Xylenes, Total	ND	0.098	mg/Kg	1	12/25/2015 2:11:49 AM	22951		
Surr: 4-Bromofluorobenzene	105	80-120	%REC	1	12/25/2015 2:11:49 AM	22951		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 3 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: A-4V Collection Date: 12/20/2015 3:00:00 PM							
Project:	C & C Landfarm								
Lab ID:	1512A80-004	Matrix:	SOIL	Received Date: 12/23/2015 9:40:00 A					
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH					Analyst	: ТОМ		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959		
EPA MET	HOD 300.0: ANIONS					Analyst	LGT		
Chloride		ND	1.5	mg/Kg	1	12/31/2015 5:38:42 PM	23025		
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	12/25/2015 2:36:03 AM	22951		
Benzene		ND	0.048	mg/Kg	1	12/25/2015 2:36:03 AM	22951		
Toluene		ND	0.048	mg/Kg	1	12/25/2015 2:36:03 AM	22951		
Ethylben	zene	ND	0.048	mg/Kg	1	12/25/2015 2:36:03 AM	22951		
Xylenes,	Total	ND	0.096	mg/Kg	1	12/25/2015 2:36:03 AM	22951		
Surr: 4	-Bromofluorobenzene	105	80-120	%REC	1	12/25/2015 2:36:03 AM	22951		

Qualifiers:	٠	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 4 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

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Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: B-1V							
Project:	C & C Landfarm			Collection]	Date: 12	/20/2015 3:20:00 PM			
Lab ID:	1512A80-005	Matrix:	Received Date: 12/23/2015 9:40:00 At			[
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH					Analyst	том		
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22959		
EPA MET	HOD 300.0: ANIONS					Analyst:	LGT		
Chloride		ND	1.5	mg/Kg	1	12/31/2015 6:03:31 PM	23025		
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	12/25/2015 3:00:14 AM	22951		
Benzene		ND	0.047	mg/Kg	1	12/25/2015 3:00:14 AM	22951		
Toluene		ND	0.047	mg/Kg	1	12/25/2015 3:00:14 AM	22951		
Ethylben	zene	ND	0.047	mg/Kg	1	12/25/2015 3:00:14 AM	22951		
Xylenes,	Total	ND	0.094	mg/Kg	1	12/25/2015 3:00:14 AM	22951		
Surr: 4	l-Bromofluorobenzene	103	80-120	%REC	1	12/25/2015 3:00:14 AM	22951		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 5 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: B-2V							
Project:	C & C Landfarm			Collection	Date: 12	/20/2015 3:55:00 PM			
Lab ID:	1512A80-006	Matrix:	SOIL	Received Date: 12/23/2015 9:40:00 Al					
Analyses		Result	RL Q	RL Qual Units		Date Analyzed	Batch		
EPA MET	THOD 418.1: TPH					Analys	t: TOM		
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959		
EPA MEI	THOD 300.0: ANIONS					Analys	t: LGT		
Chloride		1.5	1.5	mg/Kg	1	12/31/2015 6:28:20 Pl	1 23025		
EPA MET	THOD 8021B: VOLATILES					Analys	t: NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	12/25/2015 3:24:23 AI	VI 22951		
Benzene	•	ND	0.047	mg/Kg	1	12/25/2015 3:24:23 Al	VI 22951		
Toluene		ND	0.047	mg/Kg	1	12/25/2015 3:24:23 Al	N 22951		
Ethylben	zene	ND	0.047	mg/Kg	1	12/25/2015 3:24:23 Al	VI 22951		
Xylenes,	Total	ND	0.094	mg/Kg	1	12/25/2015 3:24:23 Al	M 22951		
Surr. 4	4-Bromofluorobenzene	103	80-120	%REC	1	12/25/2015 3:24:23 AI	M 22951		

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

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix D
- 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
- Analyte detected in the associated Method Blank B
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 6 of 62 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: B-3V							
Project:	C & C Landfarm	Collection Date: 12/20/2015 4:25:00 PM							
Lab ID:	1512A80-007	Matrix:	SOIL	Received	Date: 12	e: 12/23/2015 9:40:00 AM			
Analyses		Result	RL Q	ual Units	DF	Date Analy	zed	Batch	
EPA MET	THOD 418.1: TPH						Analyst:	том	
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015		22959	
EPA MET	HOD 300.0: ANIONS						Analyst:	LGT	
Chloride		ND	1.5	mg/Kg	1	12/31/2015 6	3:53:09 PM	23025	
EPA MET	HOD 8021B: VOLATILES						Analyst:	NSB	
Methyl te	ert-butyl ether (MTBE)	ND	0.093	mg/Kg	1	12/25/2015 3	3:48:32 AM	22951	
Benzene	•	ND	0.047	mg/Kg	1	12/25/2015 3	3:48:32 AM	22951	
Toluene		ND	0.047	mg/Kg	1	12/25/2015 3	3:48:32 AM	22951	
Ethylben	zene	ND	0.047	mg/Kg	1	12/25/2015 3	3:48:32 AM	22951	
Xylenes,	Total	ND	0.093	mg/Kg	1	12/25/2015 3	3:48:32 AM	22951	
Surr: 4	4-Bromofiluorobenzene	105	80-120	%REC	1	12/25/2015 3	3:48:32 AM	22951	

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

Qualifiers:	
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*

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1512A80 Date Reported: 1/8/2016

CLIENT: C&C Landfarm	Client Sample ID: B-4V								
Project: C & C Landfarm		Collection Date: 12/20/2015 4:50:00 PM							
Lab ID: 1512A80-008	Matrix:	SOIL	Received 1	Date: 12	/23/2015 9:40:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch			
EPA METHOD 418.1: TPH					Analys	t TOM			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959			
EPA METHOD 300.0: ANIONS					Analys	t LGT			
Chloride	1.6	1.5	mg/Kg	1	12/31/2015 7:17:59 PM	23025			
EPA METHOD 8021B: VOLATILES					Analys	t NSB			
Methyl tert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/25/2015 4:12:39 AN	22951			
Benzene	ND	0.049	mg/Kg	1	12/25/2015 4:12:39 AM	22951			
Toluene	ND	0.049	mg/Kg	1	12/25/2015 4:12:39 AN	22951			
Ethylbenzene	ND	0.049	mg/Kg	1	12/25/2015 4:12:39 AN	22951			
Xylenes, Total	ND	0.098	mg/Kg	1	12/25/2015 4:12:39 AN	22951			
Surr: 4-Bromofluorobenzene	104	80-120	%REC	1	12/25/2015 4:12:39 AN	22951			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 8 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: C-1V						
Project:	C & C Landfarm			Collection]	Date: 12/	/20/2015 5:15:00 PM		
Lab ID:	1512A80-009	Matrix:	SOIL	Received	Received Date: 12/23/2015 9:40:00 AM			
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch	
EPA MET	HOD 418.1: TPH					Analyst	TOM	
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959	
EPA MET	HOD 300.0: ANIONS					Analyst	LGT	
Chloride		ND	1.5	mg/Kg	1	12/31/2015 8:07:38 PM	23025	
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB	
Methyl te	rt-butyl ether (MTBE)	ND	0.095	mg/Kg	1	12/25/2015 4:36:43 AM	22951	
Benzene		ND	0.047	mg/Kg	1	12/25/2015 4:36:43 AM	22951	
Toluene		ND	0.047	mg/Kg	1	12/25/2015 4:36:43 AM	22951	
Ethylberg	zene	ND	0.047	mg/Kg	1	12/25/2015 4:36:43 AM	22951	
Xylenes,	Total	ND	0.095	mg/Kg	1	12/25/2015 4:36:43 AM	22951	
Surr: 4	-Bromofluorobenzene	104	80-120	%REC	1	12/25/2015 4:36:43 AM	22951	

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 9 of 62.
	ND	Not Detected at the Reporting Limit	Р	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		

CLIENT: C&C Landfarm Client Sample ID: C-2V Collection Date: 12/20/2015 5:35:00 PM C & C Landfarm Project: Matrix: SOIL Received Date: 12/23/2015 9:40:00 AM Lab ID: 1512A80-010 Batch Result **RL** Qual Units **DF** Date Analyzed Analyses EPA METHOD 418.1: TPH Analyst: TOM 22959 Petroleum Hydrocarbons, TR ND 20 mg/Kg 1 12/29/2015 **EPA METHOD 300.0: ANIONS** Analyst: LGT 12/31/2015 8:32:27 PM 23025 ND 1.5 mg/Kg 1 Chloride **EPA METHOD 8021B: VOLATILES** Analyst: NSB mg/Kg 12/25/2015 5:00:45 AM 22951 ND 0.099 1 Methyl tert-butyl ether (MTBE) 12/25/2015 5:00:45 AM 22951 0.049 mg/Kg Benzene ND 1 ND 0.049 mg/Kg 12/25/2015 5:00:45 AM 22951 Toluene 1 ND 0.049 mg/Kg 1 12/25/2015 5:00:45 AM 22951 Ethylbenzene 0.099 12/25/2015 5:00:45 AM 22951 Xylenes, Total ND mg/Kg 1 12/25/2015 5:00:45 AM 22951 Surr: 4-Bromofluorobenzene 103 80-120 %REC 1

Hall Environmental Analysis Laboratory, Inc.

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

Qualifiers:

*

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

12/25/2015 5:24:48 AM 22951

CLIENT: C&C Landfarm Client Sample ID: C-3V C & C Landfarm Collection Date: 12/20/2015 6:00:00 PM Project: Lab ID: 1512A80-011 Matrix: SOIL Received Date: 12/23/2015 9:40:00 AM Result **RL** Qual Units **DF** Date Analyzed Batch Analyses EPA METHOD 418.1: TPH Analyst: TOM ND 20 mg/Kg 12/29/2015 22959 Petroleum Hydrocarbons, TR 1 **EPA METHOD 300.0: ANIONS** Analyst: LGT Chloride 1/4/2016 4:32:51 PM 23028 ND 1.5 mg/Kg 1 EPA METHOD 8021B: VOLATILES Analyst: NSB ND 12/25/2015 5:24:48 AM 22951 Methyl tert-butyl ether (MTBE) 0.099 mg/Kg 1 Benzene ND 0.049 mg/Kg 1 12/25/2015 5:24:48 AM 22951 0.049 Toluene ND mg/Kg 1 12/25/2015 5:24:48 AM 22951 ND 12/25/2015 5:24:48 AM 22951 Ethylbenzene 0.049 mg/Kg 1 Xylenes, Total ND 0.099 mg/Kg 1 12/25/2015 5:24:48 AM 22951

80-120

%REC

1

104

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

Qualifiers:

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 11 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 1512A80

Date Reported: 1/8/2016

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: C-4V CLIENT: C&C Landfarm Collection Date: 12/20/2015 6:25:00 PM C & C Landfarm **Project:** 1512A80-012 Matrix: SOIL Received Date: 12/23/2015 9:40:00 AM Lab ID: Result **RL** Qual Units **DF** Date Analyzed Batch Analyses Analyst: TOM EPA METHOD 418.1: TPH Petroleum Hydrocarbons, TR ND 20 mg/Kg 1 12/29/2015 22959 **EPA METHOD 300.0: ANIONS** Analyst: LGT Chlorida 1/4/2016 5:59:44 PM 23028 ND 15 ma/Ka 1

Chioride	ND	1.0	ng/ng		1/4/2010 J.J. 44 PM	25020
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Methyl tert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/25/2015 5:49:07 AM	22951
Benzene	ND	0.049	mg/Kg	1	12/25/2015 5:49:07 AM	22951
Toluene	ND	0.049	mg/Kg	1	12/25/2015 5:49:07 AM	22951
Ethylbenzene	ND	0.049	mg/Kg	1	12/25/2015 5:49:07 AM	22951
Xylenes, Total	ND	0.098	mg/Kg	1	12/25/2015 5:49:07 AM	22951
Surr: 4-Bromofluorobenzene	101	80-120	%REC	1	12/25/2015 5:49:07 AM	22951

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	Н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 12 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: D-1V							
Project:	C & C Landfarm	Collection Date: 12/21/2015 6:25:00 PM							
Lab ID:	1512A80-013	Matrix:	SOIL	Received]	Date: 12	/23/2015 9:40:00 AM			
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch		
EPA MET	THOD 418.1: TPH					Analyst	том		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959		
EPA MET	HOD 300.0: ANIONS					Analyst	LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 5:10:05 PM	23028		
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/28/2015 10:30:04 AM	1 22951		
Benzene	•	ND	0.049	mg/Kg	1	12/28/2015 10:30:04 AM	1 22951		
Toluene		ND	0.049	mg/Kg	1	12/28/2015 10:30:04 AM	1 22951		
Ethylben	zene	ND	0.049	mg/Kg	1	12/28/2015 10:30:04 AM	1 22951		
Xylenes,	Total	ND	0.098	mg/Kg	1	12/28/2015 10:30:04 AM	1 22951		
Surr. 4	4-Bromofluorobenzene	118	80-120	%REC	1	12/28/2015 10:30:04 AM	1 22951		

Qualifiers:	*
	D

- 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 13 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

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Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm	Client Sample ID: D-2V Collection Date: 12/21/2015 7:00:00 AM							
Project: C & C Landfarm								
Lab ID: 1512A80-014	Matrix:	SOIL	Received	Date: 12	/23/2015 9:40:00 AM			
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA METHOD 418.1: TPH					Analys	t TOM		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959		
EPA METHOD 300.0: ANIONS					Analys	t LGT		
Chloride	ND	1.5	mg/Kg	1	1/4/2016 5:22:30 PM	23028		
EPA METHOD 8021B: VOLATILES					Analys	t: NSB		
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	12/28/2015 2:12:17 PM	22951		
Benzene	ND	0.047	mg/Kg	1	12/28/2015 2:12:17 PM	22951		
Toluene	ND	0.047	mg/Kg	1	12/28/2015 2:12:17 PM	1 22951		
Ethylbenzene	ND	0.047	mg/Kg	1	12/28/2015 2:12:17 PM	22951		
Xylenes, Total	ND	0.095	mg/Kg	1	12/28/2015 2:12:17 PM	22951		
Surr: 4-Bromofluorobenzene	114	80-120	%REC	1	12/28/2015 2:12:17 PM	22951		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 14 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: D-3V						
Project:	C & C Landfarm			Collection]	Date: 12/	/21/2015 7:20:00 AM		
Lab ID:	1512A80-015	Matrix:	SOIL	Received]	Date: 12/	23/2015 9:40:00 AM		
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 418.1: TPH					Analyst	: TOM	
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959	
EPA MET	HOD 300.0: ANIONS					Analyst	LGT	
Chloride		ND	1.5	mg/Kg	1	1/4/2016 6:36:58 PM	23028	
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB	
Methyl te	ert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/28/2015 2:36:54 PM	22951	
Benzene	•	ND	0.049	mg/Kg	1	12/28/2015 2:36:54 PM	22951	
Toluene		ND	0.049	mg/Kg	1	12/28/2015 2:36:54 PM	22951	
Ethylben	zene	ND	0.049	mg/Kg	1	12/28/2015 2:36:54 PM	22951	
Xylenes,	Total	ND	0.098	mg/Kg	1	12/28/2015 2:36:54 PM	22951	
Surr: 4	4-Bromofluorobenzene	111	80-120	%REC	1	12/28/2015 2:36:54 PM	22951	

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 15 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Sampl	e ID: D-	4V			
Project:	C & C Landfarm	Collection Date: 12/21/2015 7:55:00 A							
Lab ID:	1512A80-016	Matrix:	SOIL	Received 1	Date: 12/	: 12/23/2015 9:40:00 AM			
Analyses		Result	RL Qu	1al Units	DF	Date Analyzed	Batch		
EPA MET	THOD 418.1: TPH					Analys	t TOM		
Petroleu	m Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22959		
EPA MET	HOD 300.0: ANIONS					Analys	t LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 6:49:23 PM	23028		
EPA MET	HOD 8021B: VOLATILES					Analys	t NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.099	mg/Kg	1	12/28/2015 3:01:40 PM	1 22951		
Benzene	1	ND	0.049	mg/Kg	1	12/28/2015 3:01:40 PM	1 22951		
Toluene		0.090	0.049	mg/Kg	1	12/28/2015 3:01:40 PM	1 22951		
Ethylben	zene	ND	0.049	mg/Kg	1	12/28/2015 3:01:40 PM	1 22951		
Xylenes,	Total	ND	0.099	mg/Kg	1	12/28/2015 3:01:40 PM	1 22951		
Surr. 4	4-Bromofluorobenzene	115	80-120	%REC	1	12/28/2015 3:01:40 PM	22951		

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

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 deteoted in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limit Page 16 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: E-1V Collection Date: 12/21/2015 8:30:00 AM								
Project:	C & C Landfarm									
Lab ID:	1512A80-017	Matrix:	SOIL	Date: 12/23/2015 9:40:00 AM						
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch			
EPA MET	FHOD 418.1: TPH					Analys	: TOM			
Petroleu	m Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22959			
EPA MET	THOD 300.0: ANIONS					Analys	: LGT			
Chloride	1	ND	1.5	mg/Kg	1	1/4/2016 7:01:48 PM	23028			
EPA MET	THOD 8021B: VOLATILES					Analys	NSB			
Methyl te	ert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/28/2015 3:26:29 PM	22951			
Benzene	• • • • •	ND	0.049	mg/Kg	1	12/28/2015 3:26:29 PN	22951			
Toluene		0.055	0.049	mg/Kg	1	12/28/2015 3:26:29 PN	22951			
Ethylben	izene	ND	0.049	mg/Kg	1	12/28/2015 3:26:29 PN	22951			
Xylenes,	Total	ND	0.098	mg/Kg	1	12/28/2015 3:26:29 PM	22951			
Surr 4	4-Bromofluorobenzene	114	80-120	%REC	1	12/28/2015 3:26:29 PN	22951			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte
	D	Sample Diluted Due to Matrix	E	Value a
	н	Holding times for preparation or analysis exceeded	J	Analyte
	ND	Not Detected at the Reporting Limit	Р	Sample
	R	RPD outside accepted recovery limits	RL	Reporti
	S	% Recovery outside of range due to dilution or matrix		

- detected in the associated Method Blank
- above quantitation range
- e detected below quantitation limits Page 17 of 62
- pH Not In Range
- ng Detection Limit

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Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: E-2V								
Project:	C & C Landfarm	Collection Date: 12/21/2015 8:50:00 AM								
Lab ID:	1512A80-018	Matrix:	Matrix: SOIL Received Date: 12/23/2015 9:40:00 //							
Analyses		Result	RL (Qual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 418.1: TPH					Analys	: TOM			
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22959			
EPA MET	HOD 300.0: ANIONS					Analyst	: LGT			
Chloride		ND	1.5	mg/Kg	1	1/4/2016 7:14:13 PM	23028			
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB			
Methyl te	ert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	12/28/2015 6:18:59 PM	22951			
Benzene	1	ND	0.049	mg/Kg	1	12/28/2015 6:18:59 PM	22951			
Toluene		ND	0.049	mg/Kg	1	12/28/2015 6:18:59 PM	22951			
Ethylben	zene	ND	0.049	mg/Kg	1	12/28/2015 6:18:59 PM	22951			
Xylenes,	Total	ND	0.097	mg/Kg	1	12/28/2015 6:18:59 PM	22951			
Surr: 4	4-Bromofluorobenzene	115	80-120	%REC	1	12/28/2015 6:18:59 PM	22951			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analy
	D	Sample Diluted Due to Matrix	E	Value
	н	Holding times for preparation or analysis exceeded	J	Analy
	ND	Not Detected at the Reporting Limit	Р	Samp
	R	RPD outside accepted recovery limits	RL	Repor

- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 18 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			(Client Samp	le ID: E-	3V		
Project:	C & C Landfarm	Collection Date: 12/21/2015 9:15:							
Lab ID:	1512A80-019	Matrix:	: SOIL		Received Date:		12/23/2015 9:40:00 AM		
Analyses		Result	RL	Qual	Units	DF	Date Analyz	ed	Batch
EPA MET	HOD 418.1: TPH							Analyst	том
Petroleu	m Hydrocarbons, TR	ND	20		mg/Kg	1	12/29/2015		22959
EPA MET	HOD 300.0: ANIONS							Analyst	LGT
Chloride		ND	1.5		mg/Kg	1	1/4/2016 7:26	5:38 PM	23028
EPA MET	HOD 8021B: VOLATILES							Analyst	NSB
Methyl te	ert-butyl ether (MTBE)	ND	0.097		mg/Kg	1	12/28/2015 6	:43:44 PM	22951
Benzene		ND	0.048		mg/Kg	1	12/28/20156	:43:44 PM	22951
Toluene		0.091	0.048		mg/Kg	1	12/28/2015 6	:43:44 PM	22951
Ethylben	zene	ND	0.048		mg/Kg	1	12/28/2015 6	:43:44 PM	22951
Xylenes,	Total	ND	0.097		mg/Kg	1	12/28/2015 6	:43:44 PM	22951
Surr: 4	1-Bromofluorobenzene	120	80-120	S	%REC	1	12/28/2015 6	:43:44 PM	22951

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

Qualifiers:

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- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 19 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit
Analytical Report Lab Order 1512A80

Date Reported: 1/8/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm		Client Sample ID: E-4V							
Project:	C & C Landfarm			Collection	Date: 12	/21/2015 9:40:00 AM			
Lab ID:	1512A80-020	Matrix:	SOIL	Received Date: 12/23/2015 9:40:00 A			N		
Analyses		Result	RL Qua	l Units	DF	Date Analyzed	Batch		
EPA MET	THOD 418.1: TPH					Analyst	TOM		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Analyst	LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 7:39:02 PM	23028		
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.10	mg/Kg	1	12/28/2015 7:08:25 PM	22951		
Benzene		ND	0.050	mg/Kg	1	12/28/2015 7:08:25 PM	22951		
Toluene		ND	0.050	mg/Kg	1	12/28/2015 7:08:25 PM	22951		
Ethylber	zene	ND	0.050	mg/Kg	1	12/28/2015 7:08:25 PM	22951		
Xylenes,	Total	ND	0.10	mg/Kg	1	12/28/2015 7:08:25 PM	22951		
Surr: 4	l-Bromofluorobenzene	108	80-120	%REC	1	12/28/2015 7:08:25 PM	22951		

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

Qualifiers:	*
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- 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 20 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm		Client Sample ID: F-1V							
Project:	C & C Landfarm			Collection]	Date: 12	/21/2015 10:05:00 AM	[
Lab ID:	1512A80-021	Matrix:	SOIL	Received]	Date: 12	/23/2015 9:40:00 AM			
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH					Analyst	: TOM		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Analyst	: LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 7:51:27 PM	23028		
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB		
Methyl te	rt-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/28/2015 7:33:03 PM	22953		
Benzene		ND	0.049	mg/Kg	1	12/28/2015 7:33:03 PM	22953		
Toluene		0.099	0.049	mg/Kg	1	12/28/2015 7:33:03 PM	22953		
Ethylben	zene	ND	0.049	mg/Kg	1	12/28/2015 7:33:03 PM	22953		
Xylenes,	Total	ND	0.098	mg/Kg	1	12/28/2015 7:33:03 PM	22953		
Surr: 4	-Bromofluorobenzene	112	80-120	%REC	1	12/28/2015 7:33:03 PM	22953		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Е	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 21 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

Analytical Report Lab Order 1512A80

Date Reported: 1/8/2016

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Samp	le ID: F-2	2V		
Project:	C & C Landfarm			Collection	Date: 12/	/21/2015 10:3	0:00 AM	
Lab ID:	1512A80-022	Matrix: SOIL		Received	Date: 12/	/23/2015 9:40	:00 AM	
Analyses		Result	RL Qu	al Units	DF	Date Analyz	ed	Batch
EPA MET	THOD 418.1: TPH						Analyst	TOM
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015		22960
EPA MET	HOD 300.0: ANIONS						Analyst	LGT
Chloride		ND	1.5	mg/Kg	1	1/4/2016 8:28	:41 PM	23028
EPA MET	HOD 8021B: VOLATILES						Analyst	NSB
Methyl te	ert-butyl ether (MTBE)	ND	0.092	mg/Kg	1	12/28/2015 7:	57:37 PM	22953
Benzene	•	ND	0.046	mg/Kg	1	12/28/2015 7:	57:37 PM	22953
Toluene		ND	0.046	mg/Kg	1	12/28/2015 7:	57:37 PM	22953
Ethylben	zene	ND	0.046	mg/Kg	1	12/28/2015 7:	57:37 P M	22953
Xylenes,	Total	ND	0.092	mg/Kg	1	12/28/2015 7:	57:37 PM	22953
Surr. 4	4-Bromofluorobenzene	117	80-120	%REC	1	12/28/2015 7:	57:37 PM	22953

Qualifiers:	
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- Value exceeds Maximum Contaminant Level.
 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 22 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm		Client Sample ID: F-3V							
Project:	C & C Landfarm			Collection]	Date: 12	/21/2015 10:55:00 AM	ſ		
Lab ID:	1512A80-023	Matrix: SOIL		Received l	Date: 12	/23/2015 9:40:00 AM			
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	THOD 418.1: TPH					Analys	TOM		
Petroleum Hydrocarbons, TR		ND	20	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Analys	LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 8:41:05 PM	23028		
EPA MET	HOD 8021B: VOLATILES					Analys	: NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	12/28/2015 8:22:15 PN	22953		
Benzene	÷	0.068	0.049	mg/Kg	1	12/28/2015 8:22:15 PM	22953		
Toluene		0.21	0.049	mg/Kg	1	12/28/2015 8:22:15 PN	22953		
Ethylben	zene	ND	0.049	mg/Kg	1	12/28/2015 8:22:15 PM	22953		
Xylenes,	Total	ND	0.097	mg/Kg	1	12/28/2015 8:22:15 PM	22953		
Sur: 4	4-Bromofluorobenzene	112	80-120	%REC	1	12/28/2015 8:22:15 PM	22953		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	н	Holding times for preparation or analysis exceeded
		strengt of the state of the

- 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 23 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: F-4V							
Project:	C & C Landfarm			Collection	Date: 12	/21/2015 11:1	5:00 AM		
Lab ID:	1512A80-024	Matrix:	SOIL	Received Date: 12/23/2015 9:40:00			:00 AM	м	
Analyses		Result	RL Qu	al Units	DF	Date Analyz	zed	Batch	
EPA MET	THOD 418.1: TPH						Analyst	том	
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015		22960	
EPA MET	THOD 300.0: ANIONS						Analyst	LGT	
Chloride		ND	1.5	mg/Kg	1	1/4/2016 8:53	3:29 PM	23028	
EPA MET	THOD 8021B: VOLATILES						Analyst:	NSB	
Methyl te	ert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	12/28/2015 8	:46:53 PM	22953	
Benzene	•	ND	0.048	mg/Kg	1	12/28/2015 8	:46:53 PM	22953	
Toluene		0.051	0.048	mg/Kg	1	12/28/2015 8	:46:53 PM	22953	
Ethylben	izene	ND	0.048	mg/Kg	1	12/28/2015 8	:46:53 PM	22953	
Xylenes,	Total	ND	0.097	mg/Kg	1	12/28/2015 8	:46:53 PM	22953	
Surr. 4	4-Bromofluorobenzene	112	80-120	%REC	1	12/28/2015 8	:46:53 PM	22953	

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

Qualifiers:	
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- 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 24 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm		Client Sample ID: G-1V							
Project:	C & C Landfarm			Collection]	Date: 12	/21/2015 11:40:00 AN	ſ		
Lab ID:	1512A80-025	Matrix:	SOIL	Received 1	Date: 12	/23/2015 9:40:00 AM	1		
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	THOD 418.1: TPH					Analys	t TOM		
Petroleum Hydrocarbons, TR		ND	20	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Analys	: LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 9:05:54 PM	23028		
EPA MET	HOD 8021B: VOLATILES					Analys	: NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	12/28/2015 9:11:30 PM	22953		
Benzene	•	ND	0.048	mg/Kg	1	12/28/2015 9:11:30 PM	22953		
Toluene		ND	0.048	mg/Kg	1	12/28/2015 9:11:30 PM	22953		
Ethylben	zene	ND	0.048	mg/Kg	1	12/28/2015 9:11:30 PM	22953		
Xylenes,	Total	ND	0.096	mg/Kg	1	12/28/2015 9:11:30 PM	22953		
Surr: 4	4-Bromofluorobenzene	117	80-120	%REC	1	12/28/2015 9:11:30 PM	22953		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.
	D	Sample Diluted Due to Matrix
	н	Holding times for preparation or analysis exce

- n 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
- Analyte detected in the associated Method Blank В
- E Value above quantitation range
- Analyte detected below quantitation limits Page 25 of 62 J
- Sample pH Not In Range Р
- RL Reporting Detection Limit

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Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: G-2V								
Project:	C & C Landfarm	Collection Date: 12/21/2015 12:00:00 PM								
Lab ID:	1512A80-026	Matrix:	SOIL		Received	Date: 12/	/23/2015 9:40:00 AM			
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH						Analyst	том		
Petroleur	m Hydrocarbons, TR	ND	20		mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS						Analyst	LGT		
Chloride		ND	1.5		mg/Kg	1	1/4/2016 9:18:19 PM	23028		
EPA MET	HOD 8021B: VOLATILES						Analyst	NSB		
Methyl te	rt-butyl ether (MTBE)	ND	0.097		mg/Kg	1	12/28/2015 9:36:01 PM	22953		
Benzene		ND	0.049		mg/Kg	1	12/28/2015 9:36:01 PM	22953		
Toluene		0.11	0.049		mg/Kg	1	12/28/2015 9:36:01 PM	22953		
Ethylbena	zene	ND	0.049		mg/Kg	1	12/28/2015 9:36:01 PM	22953		
Xylenes,	Total	ND	0.097		mg/Kg	1	12/28/2015 9:36:01 PM	22953		
Surr: 4	-Bromofluorobenzene	122	80-120	S	%REC	1	12/28/2015 9:36:01 PM	22953		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 26 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

CLIENT: C&C Landfarm Client Sample ID: G-3V C & C Landfarm Collection Date: 12/21/2015 12:25:00 PM Project: Matrix: SOIL Received Date: 12/23/2015 9:40:00 AM Lab ID: 1512A80-027 Result **RL** Qual Units **DF** Date Analyzed Batch Analyses Analyst: TOM EPA METHOD 418.1: TPH 22960 ND 12/29/2015 Petroleum Hydrocarbons, TR 19 mg/Kg 1 Analyst: LGT **EPA METHOD 300.0: ANIONS** 1.5 1/4/2016 9:30:43 PM 23028 Chloride ND mg/Kg 1 Analyst: NSB **EPA METHOD 8021B: VOLATILES** 12/28/2015 10:00:39 PM 22953 Methyl tert-butyl ether (MTBE) ND 0.099 mg/Kg 1 12/28/2015 10:00:39 PM 22953 0.050 ND mg/Kg Benzene 1 Toluene ND 0.050 mg/Kg 1 12/28/2015 10:00:39 PM 22953 0.050 12/28/2015 10:00:39 PM 22953 Ethylbenzene ND mg/Kg 1 12/28/2015 10:00:39 PM 22953 ND 0.099 mg/Kg Xylenes, Total 1 12/28/2015 10:00:39 PM 22953 Surr: 4-Bromofluorobenzene 109 80-120 %REC 1

Hall Environmental Analysis Laboratory, Inc.

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

Qualifiers:

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- 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 27 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client San	nple ID: G-	4V			
Project:	C & C Landfarm	Collection Date: 12/21/2015 12:50:00 PM							
Lab ID:	1512A80-028	Matrix:	SOIL	Receive	d Date: 12	/23/2015 9:40:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH					Analys	t TOM		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Analys	t: LGT		
Chloride		ND	1.5	mg/Kg	1	1/5/2016 9:01:50 PM	23028		
EPA MET	HOD 8021 B: VOLATILES					Analys	t: NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	12/28/2015 11:39:30 P	M 22953		
Benzene		ND	0.048	mg/Kg	1	12/28/2015 11:39:30 P	M 22953		
Toluene		ND	0.048	mg/Kg	1	12/28/2015 11:39:30 P	M 22953		
Ethylben	zene	ND	0.048	mg/Kg	1	12/28/2015 11:39:30 P	M 22953		
Xylenes,	Total	ND	0.096	mg/Kg	1	12/28/2015 11:39:30 P	M 22953		
Surr: 4	-Bromofluorobenzene	114	80-120	%REC	1	12/28/2015 11:39:30 P	M 22953		

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

Qualifiers:

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- 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 28 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Samp	le ID: H-	1V		
Project:	C & C Landfarm	Collection Date: 12/21/2015 1:30:00 PM						
Lab ID:	1512A80-029	Matrix:	SOIL	Received	Date: 12	/23/2015 9:40:00 AM		
Analyses		Result	RL (Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 418.1: TPH					Analyst:	том	
Petroleur	m Hydrocarbons, TR	NĎ	20	mg/Kg	1	12/29/2015	22960	
EPA MET	HOD 300.0: ANIONS					Analyst:	LGT	
Chloride		ND	1.5	mg/Kg	1	1/4/2016 11:10:12 AM	23050	
EPA MET	HOD 8021B: VOLATILES					Analyst:	NSB	
Methyl te	ert-butyl ether (MTBE)	ND	0.093	mg/Kg	1	12/29/2015 12:04:15 AM	22953	
Benzene		ND	0.047	mg/Kg	1	12/29/2015 12:04:15 AN	22953	
Toluene		ND	0.047	mg/Kg	1	12/29/2015 12:04:15 AM	22953	
Ethylben	zene	ND	0.047	mg/Kg	1	12/29/2015 12:04:15 AN	22953	
Xylenes,	Total	ND	0.093	mg/Kg	1	12/29/2015 12:04:15 AM	22953	
Surr: 4	-Bromofluorobenzerie	118	80-120	%REC	1	12/29/2015 12:04:15 AM	22953	

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

Qualifiers:	
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- 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 29 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Samp	le ID: H-	2V		
Project:	C & C Landfarm	Collection Date: 12/21/2015 1:50:00 PM						
Lab ID:	1512A80-030	Matrix:	SOIL	SOIL Received Date:		12/23/2015 9:40:00 AM		
Analyses		Result	RL (Qual Units	DF	Date Analyzed	Batch	
EPA MET	HOD 418.1: TPH					Anal	yst. TOM	
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960	
EPA MET	HOD 300.0: ANIONS					Anal	yst: LGT	
Chloride		ND	1.5	mg/Kg	1	1/4/2016 11:47:25 A	M 23050	
EPA MET	HOD 8021B: VOLATILES					Anal	yst: NSB	
Methyl te	ert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	12/29/2015 12:28:45	5 AM 22953	
Benzene	•	ND	0.048	mg/Kg	1	12/29/2015 12:28:45	5 AM 22953	
Toluene		0.082	0.048	mg/Kg	1	12/29/2015 12:28:45	5 AM 22953	
Ethylben	zene	ND	0.048	mg/Kg	1	12/29/2015 12:28:45	AM 22953	
Xylenes,	Total	ND	0.095	mg/Kg	1	12/29/2015 12:28:45	AM 22953	
Surr: 4	4-Bromofiuorobenzene	119	80-120	%REC	1	12/29/2015 12:28:45	6 AM 22953	

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

Qualifiers:

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- 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 30 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	n Client Sample ID: H-3V					
Project:	C & C Landfarm			Collection	Date: 12/	/21/2015 2:10:00 PM	
Lab ID:	1512A80-031	Matrix:	SOIL	Received 1	Date: 12/	/23/2015 9:40:00 AM	
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA MET	HOD 418.1: TPH					Analyst	том
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960
EPA MET	HOD 300.0: ANIONS					Analyst	LGT
Chloride		ND	1.5	mg/Kg	1	1/4/2016 12:24:39 PM	23050
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB
Methyl te	ert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/29/2015 12:53:16 A	M 22953
Benzene		ND	0.049	mg/Kg	1	12/29/2015 12:53:16 A	M 22953
Toluene		ND	0.049	mg/Kg	1	12/29/2015 12:53:16 A	M 22953
Ethylben	zene	ND	0.049	mg/Kg	1	12/29/2015 12:53:16 A	M 22953
Xylenes,	Total	ND	0.098	mg/Kg	1	12/29/2015 12:53:16 A	M 22953
Surr: 4	l-Bromofluorobenzene	111	80-120	%REC	1	12/29/2015 12:53:16 A	M 22953

Qualifiers:	•	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 31 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: H-4V								
Project:	C & C Landfarm	Collection Date: 12/21/2015 2:25:00 PM								
Lab ID:	1512A80-032	Matrix:	SOIL	Received	Date: 12	/23/2015 9:40:00 AM				
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch			
	THOD 418.1: TPH					Analyst	: TOM			
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960			
EPA MET	HOD 300.0: ANIONS					Analyst	: LGT			
Chloride		ND	1.5	mg/Kg	1	1/4/2016 1:01:52 PM	23050			
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB			
Methyl te	ert-butyl ether (MTBE)	ND	0.093	mg/Kg	1	12/29/2015 1:18:01 AM	22953			
Benzene	•	ND	0.047	mg/Kg	1	12/29/2015 1:18:01 AM	22953			
Toluene		0.052	0.047	mg/Kg	1	12/29/2015 1:18:01 AM	22953			
Ethylben	zene	ND	0.047	mg/Kg	1	12/29/2015 1:18:01 AM	22953			
Xylenes,	Total	ND	0.093	mg/Kg	1	12/29/2015 1:18:01 AM	22953			
Surt: 4	4-Bromofluorobenzene	116	80-120	%REC	1	12/29/2015 1:18:01 AM	22953			

Qua	lifiers:

- 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 32 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: I-1V							
Project:	C & C Landfarm			Collection	Date: 12	/21/2015 2:50:00 PM			
Lab ID:	1512A80-033	Matrix:	SOIL	Received	Date: 12	/23/2015 9:40:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH					Analys	TOM		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Analyst	: LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 1:14:17 PM	23050		
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB		
Methyl te	rt-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/29/2015 1:42:39 AM	22953		
Benzene		ND	0.049	mg/Kg	1	12/29/2015 1:42:39 AM	22953		
Toluene		ND	0.049	mg/Kg	1	12/29/2015 1:42:39 AM	22953		
Ethylbenz	zene	ND	0.049	mg/Kg	1	12/29/2015 1:42:39 AM	22953		
Xylenes,	Total	ND	0.098	mg/Kg	1	12/29/2015 1:42:39 AM	22953		
Surr: 4	-Bromofluorobenzene	117	80-120	%REC	1	12/29/2015 1:42:39 AM	22953		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 33 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: I-2V								
Project:	C & C Landfarm	Collection Date: 12/21/2015 3:15:00 PM								
Lab ID:	1512A80-034	Matrix: SOIL		Received]	Date: 12	/23/2015 9:40:00 AM	2015 9:40:00 AM			
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 418.1: TPH					Analyst	том			
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22960			
EPA MET	HOD 300.0: ANIONS					Analyst	: LGT			
Chloride		ND	1.5	mg/Kg	1	1/4/2016 1:26:42 PM	23050			
EPA MET	HOD 8021B: VOLATILES					Analyst	: NSB			
Methyl te	ert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	12/29/2015 2:07:19 AM	22953			
Benzene		ND	0.047	mg/Kg	1	12/29/2015 2:07:19 AM	22953			
Toluene		ND	0.047	mg/Kg	1	12/29/2015 2:07:19 AM	22953			
Ethylben	zene	ND	0.047	mg/Kg	1	12/29/2015 2:07:19 AM	22953			
Xylenes,	Total	ND	0.094	mg/Kg	1	12/29/2015 2:07:19 AM	22953			
Surr: 4	l-Bromofluorobenzene	112	80-120	%REC	1	12/29/2015 2:07:19 AM	22953			

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

Oual	ifiers:	
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- 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 34 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

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# Hall Environmental Analysis Laboratory, Inc.

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CLIENT:	C&C Landfarm	Client Sample ID: I-3V Collection Date: 12/21/2015 3:30:00 PM							
Project:	C & C Landfarm								
Lab ID:	1512A80-035	Matrix:	SOIL	Received ]	Date: 12/	/23/2015 9:40:00 AM			
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH					Analyst	TOM		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Analyst	LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 1:39:07 PM	23050		
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	12/29/2015 2:32:12 AM	22953		
Benzene	•	ND	0.049	mg/Kg	1	12/29/2015 2:32:12 AM	22953		
Toluene		ND	0.049	mg/Kg	1	12/29/2015 2:32:12 AM	22953		
Ethylben	zene	ND	0.049	mg/Kg	1	12/29/2015 2:32:12 AM	22953		
Xylenes,	Total	ND	0.097	mg/Kg	1	12/29/2015 2:32:12 AM	22953		
Surr: 4	l-Bromofluorobenzene	115	<b>80-12</b> 0	%REC	1	12/29/2015 2:32:12 AM	22953		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limite
	ND	Not Detected at the Reporting Limit	Р	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		

### Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	<b>Client Sample ID:</b> I-4V <b>Collection Date:</b> 12/21/2015 3:55:00 PM							
Project:	C & C Landfarm								
Lab ID:	1512A80-036	Matrix: SOIL		Receive	d Date: 12	/23/2015 9:40:00	AM		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH					Ar	nalyst: TOM		
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Ar	nalyst: LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 1:51:31	PM 23050		
EPA MET	HOD 8021B: VOLATILES					Ar	nalyst: NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	12/29/2015 2:56:4	48 AM 22953		
Benzene		ND	0.047	mg/Kg	1	12/29/2015 2:56:4	48 AM 22953		
Toluene		0.079	0.047	mg/Kg	1	12/29/2015 2:56:4	48 AM 22953		
Ethylben	zene	ND	0.047	mg/Kg	1	12/29/2015 2:56:4	48 AM 22953		
Xylenes,	Total	ND	0.094	mg/Kg	1	12/29/2015 2:56:4	48 AM 22953		
Surr: 4	l-Bromofluorobenzene	108	80-120	%REC	1	12/29/2015 2:56:4	48 AM 22953		

- 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 36 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: J-1V								
Project:	C & C Landfarm	Collection Date: 12/21/2015 4:10:00 PM								
Lab ID:	1512A80-037	Matrix:	SOIL	Received	Date: 12	/23/2015 9:40:00 Al	N			
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 418.1: TPH					Analy	/st: TOM			
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960			
EPA MET	HOD 300.0: ANIONS					Analy	/st: LGT			
Chloride		ND	1.5	mg/Kg	1	1/4/2016 2:03:55 PM	23050			
EPA MET	HOD 8021B: VOLATILES					Analy	st: NSB			
Methyl te	ert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	12/29/2015 3:21:28 /	M 22953			
Benzene		ND	0.048	mg/Kg	1	12/29/2015 3:21:28 /	M 22953			
Toluene		ND	0.048	mg/Kg	1	12/29/2015 3:21:28 /	AM 22953			
Ethylben	zene	ND	0.048	mg/Kg	1	12/29/2015 3:21:28	M 22953			
Xylenes,	Total	ND	0.096	mg/Kg	1	12/29/2015 3:21:28 /	M 22953			
Surr: 4	l-Bromofluorobenzene	115	80-120	%REC	1	12/29/2015 3:21:28 /	M 22953			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 3
	ND	Not Detected at the Reporting Limit	Р	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
- ge
- titation limitsPage 37 of 62

# Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: J-2V Collection Date: 12/21/2015 4:30:00 PM							
Project:	C & C Landfarm								
Lab ID:	1512A80-038	Matrix:	SOIL	Received	Date: 12	/23/2015 9:40:00 AM			
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch		
EPA MET	HOD 418.1: TPH					Analys	TOM		
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22960		
EPA MET	HOD 300.0: ANIONS					Analys	LGT		
Chloride		ND	1.5	mg/Kg	1	1/4/2016 2:16:20 PM	23050		
EPA MET	HOD 8021B: VOLATILES					Analys	: NSB		
Methyl te	ert-butyl ether (MTBE)	ND	0.092	mg/Kg	1	12/29/2015 12:41:14 P	M 22953		
Benzene		ND	0.046	mg/Kg	1	12/29/2015 12:41:14 P	M 22953		
Toluene		ND	0.046	mg/Kg	1	12/29/2015 12:41:14 P	M 22953		
Ethylben	zene	ND	0.046	mg/Kg	1	12/29/2015 12:41:14 P	M 22953		
Xylenes,	Total	ND	0.092	mg/Kg	1	12/29/2015 12:41:14 P	M 22953		
Surr: 4	Bromofluorobenzene	115	80-120	%REC	1	12/29/2015 12:41:14 P	M 22953		

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 38 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

**Analytical Report** Lab Order 1512A80

Date Reported: 1/8/2016

12/29/2015 1:34:00 PM 22953

22960

23050

#### CLIENT: C&C Landfarm Client Sample ID: J-3V Collection Date: 12/21/2015 4:50:00 PM C & C Landfarm **Project:** Received Date: 12/23/2015 9:40:00 AM 1512A80-039 Matrix: SOIL Lab ID: Result **RL** Qual Units **DF** Date Analyzed Batch Analyses EPA METHOD 418.1: TPH Analyst: TOM ND 19 mg/Kg 1 12/29/2015 Petroleum Hydrocarbons, TR EPA METHOD 300.0: ANIONS Analyst: LGT 1/4/2016 2:28:45 PM ND 1.5 mg/Kg Chloride 1 EPA METHOD 8021B: VOLATILES Analyst: NSB 12/29/2015 1:34:00 PM 22953 0.094 ND mg/Kg 1 Methyl tert-butyl ether (MTBE)

Hall Environmental Analysis Laboratory, Inc.

12/29/2015 1:34:00 PM 22953 0.047 0.057 mg/Kg 1 0.17 0.047 mg/Kg 12/29/2015 1:34:00 PM 22953 1 mg/Kg ND 0.047 12/29/2015 1:34:00 PM 22953 Ethylbenzene 1 12/29/2015 1:34:00 PM 22953 Xylenes, Total ND 0.094 mg/Kg 1

80-120

%REC

1

118

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

Qualifier	8:
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Benzene

Toluene

Surr: 4-Bromofluorobenzene

- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded Н

- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limite Page 39 of 62 J
- P Sample pH Not In Range
- Reporting Detection Limit RL

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: J-4V								
Project:	C & C Landfarm	Collection Date: 12/21/2015 5:15:00 PM								
Lab ID:	1512A80-040	Matrix: SOIL		Received ]	Date: 12	/23/2015 9:40:00 AM				
Analyses		Result	RL (	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 418.1: TPH					Analyst	том			
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961			
EPA MET	HOD 300.0: ANIONS					Analyst	LGT			
Chloride		ND	1.5	mg/Kg	1	1/4/2016 2:41:09 PM	23050			
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB			
Methyl te	rt-butyl ether (MTBE)	ND	0.095	mg/Kg	1	12/29/2015 2:08:19 PM	22953			
Benzene		ND	0.048	mg/Kg	1	12/29/2015 2:08:19 PM	22953			
Toluene		ND	0.048	mg/Kg	1	12/29/2015 2:08:19 PM	22953			
Ethylben	zene	ND	0.048	mg/Kg	1	12/29/2015 2:08:19 PM	22953			
Xylenes,	Total	ND	0.095	mg/Kg	1	12/29/2015 2:08:19 PM	22953			
Surr: 4	-Bromofluorobenzene	112	80-120	%REC	1	12/29/2015 2:08:19 PM	22953			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 40 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

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### Hall Environmental Analysis Laboratory, Inc.

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CLIENT:	C&C Landfarm			<b>Client Sampl</b>	e ID: K-	1V				
Project:	C & C Landfarm	Collection Date: 12/21/2015 5:30:00 PM								
Lab ID:	1512A80-041	Matrix: S	SOIL	Received ]	Date: 12	/23/2015 9:40:00 AM				
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 418.1: TPH					Analyst	TOM			
Petroleu	m Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22961			
EPA MET	THOD 300.0: ANIONS					Analyst	LGT			
Chloride		ND	1.5	mg/Kg	1	1/4/2016 2:53:33 PM	23050			
EPA MET	THOD 8021B: VOLATILES					Analyst	NSB			
Methyl te	ert-butyl ether (MTBE)	ND	0.099	mg/Kg	1	12/29/2015 2:42:37 PM	22972			
Benzene	•	ND	0.049	mg/Kg	1	12/29/2015 2:42:37 PM	22972			
Toluene		ND	0.049	mg/Kg	1	12/29/2015 2:42:37 PM	22972			
Ethylben	zene	ND	0.049	mg/Kg	1	12/29/2015 2:42:37 PM	22972			
Xylenes,	Total	ND	0.099	mg/Kg	1	12/29/2015 2:42:37 PM	22972			
Surr: 4	4-Bromofluorobenzene	114	80-120	%REC	1	12/29/2015 2:42:37 PM	22972			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 41 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Project: Lab ID:	C&C Landfarm C & C Landfarm 1512A80-042	Client Sample ID: K-2V      Collection Date: 12/21/2015 5:55:00 PM      Matrix: SOIL    Received Date: 12/23/2015 9:40:00 AM					
Analyses		Result	RL Qu	ial Units	DF	Date Analyzed	Batch
EPA MET	HOD 418.1: TPH					Analys	: TOM
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961
EPA MET	HOD 300.0: ANIONS					Analys	t LGT
Chloride		ND	1.5	mg/Kg	1	1/4/2016 3:30:48 PM	23050
EPA MET	HOD 8021B: VOLATILES					Analys	t NSB
Methyl te	ert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	12/29/2015 3:56:33 PM	22972
Benzene		ND	0.048	mg/Kg	1	12/29/2015 3:56:33 PN	22972
Toluene		ND	0.048	mg/Kg	1	12/29/2015 3:56:33 PN	22972
Ethylben	zene	ND	0.048	mg/Kg	1	12/29/2015 3:56:33 PM	22972
Xylenes,	Total	ND	0.097	mg/Kg	1	12/29/2015 3:56:33 PM	22972
Surr: 4	l-Bromofluorobenzene	115	80-120	%REC	1	12/29/2015 3:56:33 PM	22972

Qualifiers:	٠	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 42 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm	Client Sample ID: K-3V Collection Date: 12/21/2015 6:20:00 PM								
Project: C & C Landfarm									
Lab ID: 1512A80-043	Matrix:	SOIL	<b>Received</b>	Date: 12	/23/2015 9:40:00 AM				
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch			
EPA METHOD 418.1: TPH					Analyst	: TOM			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22961			
EPA METHOD 300.0: ANIONS					Analyst	: LGT			
Chloride	ND	1.5	mg/Kg	1	1/4/2016 3:43:12 PM	23050			
EPA METHOD 8021B: VOLATILES					Analyst	: NSB			
Methyl tert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	12/29/2015 4:21:07 PM	22972			
Benzene	ND	0.049	mg/Kg	1	12/29/2015 4:21:07 PM	22972			
Toluene	ND	0.049	mg/Kg	1	12/29/2015 4:21:07 PM	22972			
Ethylbenzene	ND	0.049	mg/Kg	1	12/29/2015 4:21:07 PM	22972			
Xylenes, Total	ND	0.097	mg/Kg	1	12/29/2015 4:21:07 PM	22972			
Surr: 4-Bromofluorobenzene	113	80-120	%REC	1	12/29/2015 4:21:07 PM	22972			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 43 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm	Client Sample ID: K-4V Collection Date: 12/21/2015 6:40:00 PM								
Project: C & C Landfarm									
Lab ID: 1512A80-044	Matrix:	SOIL	Received ]	Date: 12/	/23/2015 9:40:00 AM				
Analyses	Result	RL Qua	l Units	DF	Date Analyzed	Batch			
EPA METHOD 418.1: TPH					Analyst	ТОМ			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961			
EPA METHOD 300.0: ANIONS					Analyst	LGT			
Chloride	ND	1.5	mg/Kg	1	1/4/2016 3:55:37 PM	23050			
EPA METHOD 8021B: VOLATILES					Analyst	NSB			
Methyl tert-butyl ether (MTBE)	ND	0.095	mg/Kg	1	12/29/2015 7:13:34 PM	22972			
Benzene	ND	0.047	mg/Kg	1	12/29/2015 7:13:34 PM	22972			
Toluene	ND	0.047	mg/Kg	1	12/29/2015 7:13:34 PM	22972			
Ethylbenzene	ND	0.047	mg/Kg	1	12/29/2015 7:13:34 PM	22972			
Xylenes, Total	ND	0.095	mg/Kg	1	12/29/2015 7:13:34 PM	22972			
Surr: 4-Bromofluorobenzene	115	80-120	%REC	1	12/29/2015 7:13:34 PM	22972			

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspace 44 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

### Hall Environmental Analysis Laboratory, Inc.

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CLIENT:	C&C Landfarm			Client Sam	ple ID: L-	1V				
Project:	C & C Landfarm	Collection Date: 12/22/2015 6:30:00 AM								
Lab ID:	1512A80-045	Matrix:	SOIL	Receive	d Date: 12	/23/2015 9:40:00 AM				
Analyses		Result	RL (	Qual Units	DF	Date Analyzed	Batch			
EPA MET	HOD 418.1: TPH		10			Analys	t TOM			
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961			
EPA MET	HOD 300.0: ANIONS					Analys	t LGT			
Chloride		ND	1.5	mg/Kg	1	1/4/2016 4:08:02 PM	23050			
EPA MET	HOD 8021B: VOLATILES					Analys	t NSB			
Methyl te	ert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	12/29/2015 7:38:02 PN	22972			
Benzene	•	ND	0.048	mg/Kg	1	12/29/2015 7:38:02 PN	22972			
Toluene		ND	0.048	mg/Kg	1	12/29/2015 7:38:02 PN	22972			
Ethylben	zene	ND	0.048	mg/Kg	1	12/29/2015 7:38:02 PN	22972			
Xyleries,	Total	ND	0.096	mg/Kg	1	12/29/2015 7:38:02 PN	22972			
Surr. 4	1-Bromofluorobenzene	116	80-120	%REC	1	12/29/2015 7:38:02 PM	22972			

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

### Qualifiers:

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- 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 45 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

### Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: L-2V								
Project:	C & C Landfarm	Collection Date: 12/22/2015 6:50:00 AM								
Lab ID:	1512A80-046	Matrix:	SOIL	Received	Date: 12	/23/2015 9:40:00 AM				
Analyses		Result	RL Q	ual Units	DF	Date Analyzed	Batch			
EPA MET	THOD 418.1: TPH					Analyst	TOM			
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961			
EPA MET	HOD 300.0: ANIONS					Analyst	LGT			
Chloride		ND	1.5	mg/Kg	1	1/4/2016 4:20:26 PM	23050			
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB			
Methyl te	ert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	12/29/2015 8:02:34 PM	22972			
Benzene	•	ND	0.048	mg/Kg	1	12/29/2015 8:02:34 PM	22972			
Toluene		ND	0.048	mg/Kg	1	12/29/2015 8:02:34 PM	22972			
Ethyiben	zene	ND	0.048	mg/Kg	1	12/29/2015 8:02:34 PM	22972			
Xylenes,	Total	ND	0.096	mg/Kg	1	12/29/2015 8:02:34 PM	22972			
Surr: 4	4-Bromofluorobenzene	108	80-120	%REC	1	12/29/2015 8:02:34 PM	22972			

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

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- 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 limite Page 46 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm	Client Sample ID: L-3V									
Project: C & C Landfarm	Collection Date: 12/22/2015 7:15:00 AM									
Lab ID: 1512A80-047	Matrix:	SOIL	Received ]	Date: 12	/23/2015 9:40:00 AM					
Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch				
EPA METHOD 418.1: TPH					Analyst	TOM				
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961				
EPA METHOD 300.0: ANIONS					Analyst	LGT				
Chloride	ND	1.5	mg/Kg	1	1/4/2016 11:22:24 PM	23059				
EPA METHOD 8021B: VOLATILES					Analyst	NSB				
Methyl tert-butyl ether (MTBE)	ND	0.10	mg/Kg	1	12/29/2015 8:27:24 PM	22972				
Benzene	ND	0.050	mg/Kg	1	12/29/2015 8:27:24 PM	22972				
Toluene	ND	0.050	mg/Kg	1	12/29/2015 8:27:24 PM	22972				
Ethylbenzene	ND	0.050	mg/Kg	1	12/29/2015 8:27:24 PM	22972				
Xylenes, Total	ND	0.10	mg/Kg	1	12/29/2015 8:27:24 PM	22972				
Surr: 4-Bromofluorobenzene	111	80-120	%REC	1	12/29/2015 8:27:24 PM	22972				

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

Qualifiers: * Value exceeds Maximum Contaminant Level. в Analyte detected in the associated Method Blank D Sample Diluted Due to Matrix Ē Value above quantitation range Analyte detected below quantitation limits Page 47 of 62 H Holding times for preparation or analysis exceeded J ND Not Detected at the Reporting Limit Р 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

### Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: L-4V										
CLIENT: ( Project: ( Lab ID: 1 Analyses EPA METH Petroleum EPA METH Chloride EPA METH Methyl tert Benzene Toluene Ethylbenze Xylenes, T	C & C Landfarm	Collection Date: 12/22/2015 7:40:00 AM										
Lab ID:	1512A80-048	Matrix:	SOIL	Received ]	Date: 12	/23/2015 9:40:00 AM						
Analyses		Result	RL Qu	ial Units	DF	Date Analyzed	Batch					
EPA MET	THOD 418.1: TPH					Analys	: ТОМ					
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961					
EPA MET	HOD 300.0: ANIONS					Analys	LGT					
Chloride		ND	1.5	mg/Kg	1	1/4/2016 11:59:38 PM	23059					
EPA MET	HOD 8021B: VOLATILES					Analys	: NSB					
Methyl te	ert-butyl ether (MTBE)	ND	0.096	mg/Kg	1	12/29/2015 8:52:06 PM	22972					
Benzene	•	ND	0.048	mg/Kg	1	12/29/2015 8:52:06 PM	22972					
Toluene		ND	0.048	mg/Kg	1	12/29/2015 8:52:06 PM	22972					
Ethylben	zene	ND	0.048	mg/Kg	1	12/29/2015 8:52:06 PM	22972					
Xylenes,	Total	ND	0.096	mg/Kg	1	12/29/2015 8:52:06 PN	22972					
Surr: 4	4-Bromofluorobenzene	114	80-120	%REC	1	12/29/2015 8:52:06 PM	22972					

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

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- Analyte detected below quantitation limits Page 48 of 62 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			<b>Client Sampl</b>	e ID: M-	-1V	
Project:	C & C Landfarm			Collection ]	Date: 12/	/22/2015 8:00:00 AM	
Lab ID:	1512A80-049	Matrix:	SOIL	Received 1	Date: 12	/23/2015 9:40:00 AM	
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA MET	THOD 418.1: TPH					Analyst	TOM
Petroleu	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961
ЕРА МЕТ	HOD 300.0: ANIONS					Analyst	LGT
Chloride		ND	1.5	mg/Kg	1	1/5/2016 12:12:03 AM	23059
ЕРА МЕТ	HOD 8021B: VOLATILES					Analyst	NSB
Methyl te	ert-butyl ether (MTBE)	ND	0.097	mg/Kg	1	12/29/2015 9:16:34 PM	22972
Benzene	1	ND	0.049	mg/Kg	1	12/29/2015 9:16:34 PM	22972
Toluene		ND	0.049	mg/Kg	1	12/29/2015 9:16:34 PM	22972
Ethylben	zene	ND	0.049	mg/Kg	1	12/29/2015 9:16:34 PM	22972
Xylenes,	Total	ND	0.097	mg/Kg	1	12/29/2015 9:16:34 PM	22972
Surr: 4	4-Bromofluorobenzene	119	80-120	%REC	1	12/29/2015 9:16:34 PM	22972

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

### Qualifiers:

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- 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 S
- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 49 of 62 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit

# Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			<b>Client Sampl</b>	e ID: M-	2V	
Project:	C & C Landfarm			Collection ]	Date: 12/	/22/2015 8:15:00 AM	
Lab ID:	1512A80-050	Matrix:	SOIL	Received ]	Date: 12/	23/2015 9:40:00 AM	
Analyses		Result	RL Qua	al Units	DF	Date Analyzed	Batch
EPA MET	HOD 418.1: TPH					Analyst	TOM
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22961
EPA MET	HOD 300.0: ANIONS					Analyst	LGT
Chloride		ND	1.5	mg/Kg	1	1/5/2016 12:24:27 AM	23059
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Methyl te	ert-butyl ether (MTBE)	ND	0.094	mg/Kg	1	12/29/2015 9:41:04 PM	22972
Benzene		ND	0.047	mg/Kg	1	12/29/2015 9:41:04 PM	22972
Toluene		ND	0.047	mg/Kg	1	12/29/2015 9:41:04 PM	22972
Ethylben	zene	ND	0.047	mg/Kg	1	12/29/2015 9:41:04 PM	22972
Xylenes,	Total	ND	0.094	mg/Kg	1	12/29/2015 9:41:04 PM	22972
Surr: 4	Bromofluorobenzene	118	80-120	%REC	1	12/29/2015 9:41:04 PM	22972

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	Ε	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limitspage 50 of 62
	ND	Not Detected at the Reporting Limit	Р	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		

### Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm	Client Sample ID: M-3V										
Project:	C & C Landfarm			Collection 1	Date: 12	/22/2015 8:45:00 AM						
Lab ID:	1512A80-051	Matrix:	SOIL	Received 1	Date: 12	/23/2015 9:40:00 AM						
Analyses		Result	RL Qu	al Units	DF	Date Analyzed	Batch					
EPA MET	HOD 418.1: TPH					Analys	t: TOM					
Petroleur	m Hydrocarbons, TR	ND	20	mg/Kg	1	12/29/2015	22961					
EPA MET	HOD 300.0: ANIONS					Analys	t LGT					
Chloride		ND	1.5	mg/Kg	1	1/5/2016 12:36:52 AM	23059					
EPA MET	HOD 8021B: VOLATILES					Analys	t: NSB					
Methyl te	ert-butyl ether (MTBE)	ND	0.098	mg/Kg	1	12/29/2015 10:05:35 P	M 22972					
Benzene		ND	0.049	mg/Kg	1	12/29/2015 10:05:35 P	M 22972					
Toluene		ND	0.049	mg/Kg	1	12/29/2015 10:05:35 P	M 22972					
Ethylben	zene	ND	0.049	mg/Kg	1	12/29/2015 10:05:35 P	M 22972					
Xylenes,	Total	ND	0.098	mg/Kg	1	12/29/2015 10:05:35 P	M 22972					
Surr: 4	l-Bromofluorobenzene	116	80-120	%REC	1	12/29/2015 10:05:35 P	M 22972					

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	
	D	Sample Diluted Due to Matrix	
	н	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 51 of 62
- P Sample pH Not In Range
- RL Reporting Detection Limit

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# Hall Environmental Analysis Laboratory, Inc.

CLIENT:	C&C Landfarm			Client Sampl	le ID: M-	-4V	
Project:	C & C Landfarm			Collection ]	Date: 12	/22/2015 9:05:00 AM	[
Lab ID:	1512A80-052	Matrix: S	OIL	Received ]	/23/2015 9:40:00 AM	[	
Analyses		Result	RL Qua	l Units	DF	Date Analyzed	Batch
EPA MET	HOD 418.1: TPH					Analys	t TOM
Petroleur	m Hydrocarbons, TR	ND	19	mg/Kg	1	12/29/2015	22961
EPA MET	HOD 300.0: ANIONS					Analys	t LGT
Chloride		ND	1.5	mg/Kg	1	1/5/2016 12:49:17 AM	23059
EPA MET	HOD 8021B: VOLATILES					Analys	st: NSB
Methyl te	rt-butyl ether (MTBE)	ND	0.095	mg/Kg	1	12/29/2015 10:30:09 F	PM 22972
Benzene		ND	0.047	mg/Kg	1	12/29/2015 10:30:09	PM 22972
Toluene		ND	0.047	mg/Kg	1	12/29/2015 10:30:09	PM 22972
Ethylben	zene	ND	0.047	mg/Kg	1	12/29/2015 10:30:09	PM 22972
Xylenes,	Total	ND	0.095	mg/Kg	1	12/29/2015 10:30:09	PM 22972
Surr. 4	Bromofluorobenzene	110	80-120	%REC	1	12/29/2015 10:30:09	PM 22972

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	в	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limite
	ND	Not Detected at the Reporting Limit	Р	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		

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory	, Inc.

WO#: 1512A80

08-Jan-16

Client:	C&C Lar	dfarm											
Project:	C & C La	andfarm											
Sample ID	MB-23025	SampT	ype: Mi	BLK	Tes	tCode: El	PA Method	300.0: Anior	15				
Client ID:	PBS	Batch	n ID: 23	025	F	RunNo: <b>31195</b>							
Prep Date:	12/31/2015	Analysis D	ate: 12	2/31/2015	5	SeqNo: 9	55233	Units: mg/l	<g< td=""><td></td><td></td></g<>				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		ND	1.5										
Sample ID	LCS-23025	SampT	ype: LC	s	Tes	tCode: El	PA Method	300.0: Anior	18				
Client ID:	LCSS	Batch	n ID: 23	025	F	RunNo: 3	1195						
Prep Date:	12/31/2015	Analysis D	Date: 12	2/31/2015	5	SeqNo: 9	55234	Units: mg/h	Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		14	1.5	15.00	0	93.0	90	110					
Sample ID	1512A80-001AMS	SampT	ype: MS	3	Tes	tCode: El	PA Method	300.0: Anior	18				
Client ID:	A-1V	Batch	h ID: 23	025	F	RunNo: 3	1195						
Prep Date:	12/31/2015	Analysis D	Date: 12	2/31/2015	5	SeqNo: 9	55248	Units: mg/l	Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		14	1.5	15.00	0.7434	91.4	64.2	131					
Sample ID	1512A80-001AMS	D Samp1	ype: M	SD	Tes	tCode: E	PA Method	300.0: Anior	าร				
Client ID:	A-1V	Batch	h ID: 23	025	F	RunNo: 3	1195						
Prep Date:	12/31/2015	Analysis D	)ate: 12	2/31/2015	s	SeqNo: 9	55249	Units: mg/l	Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		15	1.5	15.00	0.7434	92.1	64.2	131	0.720	20			
Sample ID	MB-23028	SampT	ype: Mi	3LK	Tes	tCode: E	PA Method	300.0: Anior	าธ				
Client ID:	PBS	Batch	n ID: 23	028	F	RunNo: 3	11 <b>95</b>						
Prep Date:	12/31/2015	Analysis D	Date: 1/	1/2016	s	SeqNo: 9	55289	Units: mg/l	Kg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		ND	1.5										
Sample ID	1.00.0000	SamoT	vpe: LC	S	Tes	tCode: El	PA Method	300.0: Anior	าร				
Countrie 10	LCS-23028	Gampi	, po	-									
Client ID:	LCS-23028 LCSS	Batch	h ID: 23	028	F	RunNo: 3	1195						
Client ID: Prep Date:	LCS-23028 LCSS 12/31/2015	Batch Analysis D	h ID: 23 Date: 1/	028 1/2016	F	RunNo: 3 SeqNo: 9	1195 55290	Units: mg/l	Kg				
Client ID: Prep Date: Analyte	LCSS 12/31/2015	Batch Analysis D Result	n ID: 23 Date: 1/	028 1/2016 SPK value	F S SPK Ref Val	RunNo: 3 SeqNo: 9 %REC	1195 55290 LowLimit	Units: mg/l HighLimit	Kg %RPD	RPDLimit	Qual		

### 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 53 of 62

- P Sample pH Not In Range
- RL Reporting Detection Limit

Client:	C&C Lan	dfarm									
Project:	C & C La	ndfarm									
Sample ID	MB-23050	SampT	ype: I	MBLK	les	tCode: El	PA Method	300.0: Anion	8		
Client ID:	PBS	Batch	n ID: 2	23050	F	RunNo: 3	1235				
Prep Date:	1/4/2016	Analysis D	)ate:	1/4/2016	5	SeqNo: 9	56375	Units: mg/M	(g		
Analyte		Result	PQI	_ SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.	5							
Sample ID	LCS-23050	SampT	ype: I	LCS	Tes	tCode: El	PA Method	300.0: Anion	8		
Client ID:	LCSS	Batch	n ID: 💈	23050	F	RunNo: 3	1235				
Prep Date:	1/4/2016	Analysis D	)ate:	1/4/2016	5	SeqNo: 9	56376	Units: mg/M	g		
Analvte		Result	PQI	_ SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.	5 15.00	0	91.9	90	110			
Sample ID	4542490 029448	Sama	imo:	Ve	Toe	tCode: El	PA Mothod	200 0: Anion			
	1312400-0284413	Bata	ype. i	2050	100		4095	300.0. Anon	3		
Dren Deter	n-1v	Datu Analysia C	11D. 2	23050	r	Currino. 3	1233	limite: m-At	-		
Prep Date:	1/4/2016	Analysis L	ate:	1/4/2016	2	seqno: s	56379	Units: mg/r	vg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.	5 15.00	0.5473	90.4	64.2	131		·	
Sample ID	1512A80-029AMS	) SampT	ype: I	MSD	Tes	tCode: El	PA Method	300.0: Anion	8		
Client ID:	H-1V	Batch	n ID: 💈	23050	F	RunNo: 3	1235				
Prep Date:	1/4/2016	Analysis D	ate:	1/4/2016	5	SeqNo: 9	56380	Units: mg/M	(g		
Analyte		Result	PQL	_ SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.	5 15.00	0.5473	<b>9</b> 1.1	64.2	131	0.675	20	
Sample ID	1512A80-030AMS	SampT	Vpe: 1	MS	Tes	tCode: El	PA Method	300.0: Anion	8		
Client ID:	H-2V	Batch	1 ID: 2	23050	F	RunNo: 3	1235				
Prep Date:	1/4/2016	Analysis D	ate:	1/4/2016	9	SeqNo: 9	56382	Units: mg/K	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HiahLimit	%RPD	RPDLimit	Qual
Chloride		14	1.	5 15.00	0.3824	91.3	64.2	131			
Sample ID	4542490 0204455	) ComeT			Taa	tCada: El		200 0: Ani			
	IS IZAGU-USUAMSI	Joannpi	ype. I	113D 12050	1 CS			JUU.V. ATION	9		
	T-2V				7		1230				
Prep Date:	1/4/2016	Analysis D	ale:	1/4/2016	5	eqno: 9	06383	Units: mg/M	ſġ		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.	5 15.00	0.3824	91.7	64.2	131	0.466	20	

### **Qualifiers:**

* Value exceeds Maximum Contaminant Level.

**QC SUMMARY REPORT** 

Hall Environmental Analysis Laboratory, Inc.

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

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P Sample pH Not In Range

RL Reporting Detection Limit

WO#: 1512A80

08-Jan-16

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# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:C&C LandfarmProject:C & C Landfarm

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Sample ID	1512A80-011AMS	SampT	ype: M	S	Tes	tCode: EF	A Method	300.0: Anion	\$		
Client ID:	C-3V	Batch	h ID: 23	028	F	RunNo: 31	235				
Prep Date:	12/31/2015	Analysis D	)ate: 1	/4/2016	5	SeqNo: 95	56405	Units: mg/H	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.3	64.2	131			
Sample ID	1512A80-011AMS	) SampT	ype: M	SD	Tes	tCode: EP	A Method	300.0: Anion	5		
Client ID:	C-3V	Batch	n ID: 23	028	F	RunNo: 31	235				
Prep Date:	12/31/2015	Analysis D	)ate: 1	/4/2016	5	SeqNo: 95	56406	Units: mg/H	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	94.7	64.2	131	26.1	20	R
Sample ID	1512A80-012AMS	SampT	ype: M	s	Tes	tCode: EP	A Method	300.0: Anion	8		
Client ID:	C-4V	Batch	n ID: 23	028	F	RunNo: 31	235				
Prep Date:	12/31/2015	Analysis D	)ate: 1	/4/2016	5	SeqNo: 95	6412	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	95.9	64.2	131			
Sample ID	1512A80-012AMSE	) SampT	ype: M	SD	Tes	tCode: EP	A Method	300.0: Anion	8		
Client ID:	C-4V	Batch	n ID: 23	028	F	RunNo: 31	235				
Prep Date:	12/31/2015	Analysis D	)ate: 1	/4/2016	5	SeqNo: 95	6413	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		15	1.5	15.00	0	96.9	64.2	131	23.5	20	R
Sample ID	MB-23059	SampT	ype: M	BLK	Tes	tCode: EP	A Method	300.0: Anion	8		
Client ID:	PBS	Batch	n ID: 23	059	F	RunNo: 31	235				
Prep Date:	1/4/2016	Analysis D	ate: 1	/4/2016	S	eqNo: 95	6435	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID	LCS-23059	SampT	ype: LC	;s	Tes	tCode: EP	A Method	300.0: Anion	8		
Client ID:	LCSS	Batch	1 ID: 23	059	F	RunNo: 31	235				
Prep Date:	1/4/2016	Analysis D	ate: 1	/4/2016	S	6eqNo: 95	6436	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
									the second s		

### 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 55 of 62

- P Sample pH Not In Range
- RL Reporting Detection Limit

WO#: 1512A80

08-Jan-16
**Client:** C&C Landfarm

**Project:** C & C Landfarm

Sample ID 1512A80-047AMS	SampT	ype: M	S	Tes	tCode: E	PA Method	300.0: Anion	15		
Client ID: L-3V	Batch	n ID: 23	059	F	RunNo: 3	1235				
Prep Date: 1/4/2016	Analysis D	ate: 1	4/2016	5	SeqNo: 9	56438	Units: mg/H	٥g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0.4280	91.6	64.2	131			
Sample ID 1512A80-047AMS	D SampT	ype: M	SD	Tes	tCode: El	PA Method	300.0: Anion	5		
Client ID: L-3V	Batch	n ID: 23	059	F	RunNo: 3	1235				
Prep Date: 1/4/2016	Analysis D	ate: 1/	4/2016	8	SeqNo: 9	56439	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	15	15.00	0 4290	01 6	64.2	121	0.0697	20	

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
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
- р Sample pH Not In Range
- RL Reporting Detection Limit

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**WO#**: 1512A80

08-Jan-16

QC	SUMMARY I	REPOR	Γ	
Hall	Environmental	Analysis	Laboratory,	Inc

WO#: 1512A80

08-Jan-16

Client: C&C Landfarm C & C Landfarm Project: TestCode: EPA Method 418.1: TPH Sample ID MB-22959 SampType: MBLK Client ID: PBS Batch ID: 22959 RunNo: 31134 SeqNo: 954046 Prep Date: 12/28/2015 Analysis Date: 12/29/2015 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit Analyte RPDLimit Result PQL HighLimit %RPD Qual ND 20 Petroleum Hydrocarbons, TR Sample ID LCS-22959 SampType: LCS TestCode: EPA Method 418.1: TPH RunNo: 31134 Client ID: LCSS Batch ID: 22959 SeqNo: 954047 Prep Date: 12/28/2015 Analysis Date: 12/29/2015 Units: mg/Kg %REC LowLimit Analyte Result PQL SPK value SPK Ref Val HighLimit %RPD RPDLimit Qual Petroleum Hydrocarbons, TR 100 20 100.0 n 105 836 116 TestCode: EPA Method 418.1: TPH Sample ID LCSD-22959 SampType: LCSD Client ID: LCSS02 RunNo: 31134 Batch ID: 22959 Prep Date: 12/28/2015 Analysis Date: 12/29/2015 SeqNo: 954048 Units: mg/Kg %RPD **RPDLimit** PQL SPK value SPK Ref Val %REC LowLimit HighLimit Qual Analyte Result 106 83.6 1.27 20 Petroleum Hydrocarbons, TR 110 20 100.0 0 116 Sample ID MB-22960 SampType: MBLK TestCode: EPA Method 418.1: TPH Batch ID: 22960 RunNo: 31134 Client ID: PBS Analysis Date: 12/29/2015 SeqNo: 954069 Units: mg/Kg Prep Date: 12/28/2015 SPK value SPK Ref Val %REC LowLimit Result PQL HighLimit %RPD **RPDLimit** Qual Analyte Petroleum Hydrocarbons, TR ND 20 TestCode: EPA Method 418.1: TPH Sample ID LCS-22960 SampType: LCS Client ID: LCSS Batch ID: 22960 RunNo: 31134 Prep Date: 12/28/2015 Analysis Date: 12/29/2015 SegNo: 954070 Units: mg/Kg RPDLimit SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual Result POL Analyte 100.0 103 83.6 116 100 20 0 Petroleum Hydrocarbons, TR TestCode: EPA Method 418.1: TPH Sample ID LCSD-22960 SampType: LCSD RunNo: 31134 Client ID: LCSS02 Batch ID: 22960 Analysis Date: 12/29/2015 SeqNo: 954071 Units: mg/Kg Prep Date: 12/28/2015 PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Analyte Result 110 20 100.0 0 106 83.6 116 2.57 20 Petroleum Hydrocarbons, TR

#### 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 57 of 62

- P Sample pH Not In Range
- RL Reporting Detection Limit

WO#: 1512A80

08-Jan-16

Client:	C&C L	andfarm									
Project:	C & C ]	Landfarm									
Sample ID	MB-22961	SampTy	/pe: ME	BLK	Tes	tCode: E	PA Method	418.1: TPH			
Client ID:	PBS	Batch	ID: 22	961	F	RunNo: 3	1134				
Prep Date:	12/28/2015	Analysis Da	ate: 12	2/29/2015	5	SeqNo: 9	54092	Units: mg/l	<b>≺g</b>		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	Irocarbons, TR	ND	20								
Sample ID	LCS-22961	SampTy	/pe: LC	s	Tes	tCode: E	PA Method	418.1: TPH			
Client ID:	LCSS	Batch	ID: 22	961	F	RunNo: 3	1134				
Prep Date:	12/28/2015	Analysis Da	ate: 12	2/29/2015	5	SeqNo: 9	54093	Units: mg/!	<b>(</b> g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	Irocarbons, TR	110	20	100.0	0	107	83.6	116			
Sample ID	LCSD-22961	SampTy	/pe: LC	SD.	Tes	tCode: E	PA Method	418.1: TPH			
Client ID:	LCSS02	Batch	ID: 22	961	F	RunNo: 3	1134				
Prep Date:	12/28/2015	Analysis Da	ate: 12	2/29/2015	S	SeqNo: 9	54094	Units: mg/ł	<b>(</b> g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	rocarbons, TR	110	20	100.0	0	109	83.6	116	1.24	20	

#### Qualifiers:

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- * 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 58 of 62

- P Sample pH Not In Range
- RL Reporting Detection Limit

Client: Project:	C&C Lan C & C La	dfarm ndfarm									
Sample ID	MB-22951	SampT	Type: MB	ILK	Tes	tCode: El	PA Method	8021B: Volat	tiles		
Client ID:	PBS	Batc	h ID: 228	51	F	lunNo: 3	1062				
Prep Date:	12/23/2015	Analysis [	Date: 12	/24/2015	s	6eqNo: 9	50330	Units: mg/M	ζg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Methyl tert-buty	d ether (MTBE)	ND	0.10								
Benzene		ND	0.050								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	ofluorobenzene	1.1		1.000		107	80	120			
Sample ID	LCS-22951	Samp	Type: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 229	51	F	RunNo: 3	1062				
Prep Date:	12/23/2015	Analysis [	Date: 12	/24/2015	5	SeqNo: 9	50331	Units: mg/M	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-buty	l ether (MTBE)	1.0	0.10	1.000	0	101	67.2	121			
Benzene		0.98	0.050	1.000	0	98.1	80	120			
Toluene		0.97	0.050	1. <b>000</b>	0	97.2	80	120			
Ethylbenzene		0.99	0.050	1.000	0	<b>99.3</b>	80	120			
Xylenes, Total		3.1	0.10	3.000	0	102	80	120			
Surr: 4-Brom	nofluorobenzene	1.2		1.000		119	80	120			
Sample ID	1512A80-001AMS	Samp1	Type: MS	;	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	A-1V	Batc	h ID: 229	51	F	RunNo: 3	1062				
Prep Date:	12/23/2015	Analysis [	Date: 12	/24/2015	5	GeqNo: 9	50333	Units: mg/H	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-buty	I ether (MTBE)	1.1	0.099	0.9891	0	107	53.6	133			
Benzene		1.0	0.049	0.9891	0.01268	101	69.6	136			
Toluene		1.0	0.049	0.9891	0.02936	103	76.2	134			
Ethylbenzene		1.1	0.049	0.9891	0.006101	106	75.8	137			
Xylenes, Total		3.3	0.099	2.967	0.01954	109	78. <del>9</del>	133			
Surr: 4-Brom	nofluorobenzene	1.2		0.9891		124	80	120			S
Sample ID	1512A80-001AMSI	Samp	Type: MS	D	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	A-1V	Batc	h ID: 229	51	F	RunNo: 3	1062				
Prep Date:	12/23/2015	Analysis D	Date: 12	/24/2015	5	SeqNo: 9	50334	Units: mg/M	٥g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-buty	ether (MTBE)	0.98	0.092	0.9225	0	106	53.6	133	7.59	20	
Benzene		0.95	0.046	0.9225	0.01268	101	69.6	136	6.73	20	
Toluene		0.98	0.046	0.9225	0.02936	104	76.2	134	6.17	20	
Ethylbenzene		0.97	0.046	0.9225	0.006101	105	75.8	137	7.71	20	

#### Qualifiers:

* Value exceeds Maximum Contaminant Level.

**QC SUMMARY REPORT** 

Hall Environmental Analysis Laboratory, Inc.

- 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 59 of 62

- P Sample pH Not In Range
- RL Reporting Detection Limit

WO#: 1512A80

08-Jan-16

Client:C&C LandfarmProject:C & C Landfarm

Sample ID 1512A80-001AMS	D Samp	Type: MS	D	Tes	Code: EF	PA Method	8021B: Volat	tiles		
Client ID: A-1V	Batc	h ID: 22	951	F	lunNo: 31	1062				
Prep Date: 12/23/2015	Analysis (	Date: 12	2/24/2015	S	eqNo: 9	50334	Units: mg/K	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	3.0	0.092	2.768	0.01954	108	78.9	133	8.15	20	
Surr: 4-Bromofluorobenzene	1.1		0.9225		121	80	120	0	0	S
Sample ID MR 22953	Samo			Tee	Code: EE		8021B: Vola	tilos		
	Bata						OULTE. VOID	lineo		
Client ID: PBS	Batc	n 10: 22	803			1090				
Prep Date: 12/23/2015	Analysis (	Date: 12	2/28/2015	5	eqNo: 9	51394	Units: mg/M	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.2		1.000		118	80	120			
Sample ID LCS-22953	Samp	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Volat	tiles		
Client ID: LCSS	Batc	h ID: 22	953	F	lunNo: 31	1090				
Prep Date: 12/23/2015	Analysis [	Date: 12	2/28/2015	5	eqNo: 9	51395	Units: mg/M	(a		
l .								•		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Analyte Methyl tert-butyl ether (MTBE)	Result 1.0	PQL 0.10	SPK value 1.000	SPK Ref Val 0	%REC 99.8	LowLimit 67.2	HighLimit 121	%RPD	RPDLimit	Qual
Analyte Methyl tert-butyl ether (MTBE) Benzene	Result 1.0 0.95	PQL 0.10 0.050	SPK value 1.000 1.000	SPK Ref Val 0 0	%REC 99.8 95.0	LowLimit 67.2 80	HighLimit 121 120	%RPD	RPDLimit	Qual
Analyte Methyl tert-butyl ether (MTBE) Berizene Toluene	Result 1.0 0.95 0.97	PQL 0.10 0.050 0.050	SPK value 1.000 1.000 1.000	SPK Ref Val 0 0 0	%REC 99.8 95.0 96.6	LowLimit 67.2 80 80	HighLimit 121 120 120	%RPD	RPDLimit	Qual
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene	Result 1.0 0.95 0.97 1.0	PQL 0.10 0.050 0.050 0.050	SPK value 1.000 1.000 1.000 1.000	SPK Ref Val 0 0 0 0	%REC 99.8 95.0 96.6 99.8	LowLimit 67.2 80 80 80	HighLimit 121 120 120 120	%RPD	RPDLimit	Qual
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total	Result 1.0 0.95 0.97 1.0 3.1	PQL 0.10 0.050 0.050 0.050 0.10	SPK value 1.000 1.000 1.000 1.000 3.000	SPK Ref Val 0 0 0 0 0	%REC 99.8 95.0 96.6 99.8 103	LowLimit 67.2 80 80 80 80	HighLimit 121 120 120 120 120	%RPD	RPDLimit	Qual
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total Surr. 4-Bromofluoroberzene	Result 1.0 0.95 0.97 1.0 3.1 1.3	PQL 0.10 0.050 0.050 0.050 0.10	SPK value 1.000 1.000 1.000 1.000 3.000 1.000	SPK Ref Val 0 0 0 0 0	%REC 99.8 95.0 96.6 99.8 103 132	LowLimit 67.2 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120	%RPD	RPDLimit	Qual
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Totai Surr: 4-Bromofluoroberzene Sample ID 1512A80-021AMS	Result 1.0 0.95 0.97 1.0 3.1 1.3 Samp	PQL 0.10 0.050 0.050 0.050 0.10	SPK value 1.000 1.000 1.000 3.000 1.000	SPK Ref Val 0 0 0 0 0 Tes	%REC 99.8 95.0 96.6 99.8 103 132	LowLimit 67.2 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 8021B: Volat	%RPD	RPDLimit	Qual S
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID 1512A80-021AMS Client ID: F-1V	Result 1.0 0.95 0.97 1.0 3.1 1.3 Samp Batc	PQL 0.10 0.050 0.050 0.050 0.10 Type: MS	SPK value 1.000 1.000 1.000 3.000 1.000 3.000 5. 953	SPK Ref Val 0 0 0 0 0 Tes	%REC 99.8 95.0 96.6 99.8 103 132 tCode: EF	LowLimit 67.2 80 80 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 120 8021B: Volat	%RPD	RPDLimit	Qual S
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID 1512A80-021AMS Client ID: F-1V Prep Date: 12/23/2015	Result        1.0        0.95        0.97        1.0        3.1        1.3        Samp        Bate        Analysis [	PQL 0.10 0.050 0.050 0.10 Type: MS h ID: 22 Date: 12	SPK value 1.000 1.000 1.000 3.000 1.000 5 55 55 55 57 57 57 57 57 57	SPK Ref Val 0 0 0 0 0 Tes F	%REC 99.8 95.0 96.6 99.8 103 132 tCode: EF RunNo: 3 SeqNo: 9	LowLimit 67.2 80 80 80 80 80 80 80 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 8021B: Volat	%RPD tiles	RPDLimit	Qual S
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID 1512A80-021AMS Client ID: F-1V Prep Date: 12/23/2015 Analyte	Result        1.0        0.95        0.97        1.0        3.1        1.3        Samp        Batc        Analysis (        Result	PQL 0.10 0.050 0.050 0.10 Type: MS h ID: 22: Date: 12 PQL	SPK value 1.000 1.000 1.000 3.000 1.000 3.000 5. 953 2/28/2015 SPK value	SPK Ref Val 0 0 0 0 Tes F SPK Ref Val	%REC 99.8 95.0 96.6 99.8 103 132 tCode: EF RunNo: 3 SeqNo: 98 %REC	LowLimit 67.2 80 80 80 80 80 80 80 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 8021B: Volat Units: mg/M HighLimit	%RPD tiles %g %RPD	RPDLimit	Qual S
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID 1512A80-021AMS Client ID: F-1V Prep Date: 12/23/2015 Analyte Methyl tert-butyl ether (MTBE)	Result 1.0 0.95 0.97 1.0 3.1 1.3 Samp Batc Analysis I Result 0.97	PQL 0.10 0.050 0.050 0.10 Type: MS h ID: 22: Date: 12 PQL 0.093	SPK value 1.000 1.000 1.000 3.000 1.000 3.000 1.000 5. 553 553 5728/2015 SPK value 0.9285	SPK Ref Val 0 0 0 0 Tes F SPK Ref Val 0	%REC 99.8 95.0 96.6 99.8 103 132 tCode: EF RunNo: 3 SeqNo: 9t %REC 105	LowLimit 67.2 80 80 80 80 80 80 80 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 8021B: Volat Units: mg/M HighLimit 133	%RPD tiles %g %RPD	RPDLimit	Qual S Qual
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID 1512A80-021AMS Client ID: F-1V Prep Date: 12/23/2015 Analyte Methyl tert-butyl ether (MTBE) Berzene	Result 1.0 0.95 0.97 1.0 3.1 1.3 Samp Batc Analysis ( Result 0.97 0.91	PQL 0.10 0.050 0.050 0.10 Type: MS h ID: 22: Date: 12 PQL 0.093 0.046	SPK value 1.000 1.000 1.000 3.000 1.000 3.000 1.000 3.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.0000 5.000 5.000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.000000 5.000000 5.00000000 5.0000000000	SPK Ref Val 0 0 0 0 0 Tes 5 SPK Ref Val 0 0.03768	%REC 99.8 95.0 96.6 99.8 103 132 tCode: EF 200No: 3 SeqNo: 95 %REC 105 94.0	LowLimit 67.2 80 80 80 80 80 80 80 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 8021B: Volat Units: mg/M HighLimit 133 136	%RPD tiles %g %RPD	RPDLimit	Qual S Qual
Analyte Methyl tert-butyl ether (MTBE) Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID 1512A80-021AMS Client ID: F-1V Prep Date: 12/23/2015 Analyte Methyl tert-butyl ether (MTBE) Benzene Toluene	Result 1.0 0.95 0.97 1.0 3.1 1.3 Samp Batc Analysis ( Result 0.97 0.91 1.1	PQL 0.10 0.050 0.050 0.050 0.10 Type: MS h ID: 22: Date: 12 PQL 0.093 0.046 0.046	SPK value 1.000 1.000 1.000 3.000 1.000 3.000 1.000 3.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.0000 5.000 5.000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.000000 5.000000 5.0000000 5.0000000000	SPK Ref Val 0 0 0 0 0 Tes 5 SPK Ref Val 0 0.03768 0.09921	%REC 99.8 95.0 96.6 99.8 103 132 tCode: EF 200No: 3 SeqNo: 95 %REC 105 94.0 112	LowLimit 67.2 80 80 80 80 80 80 80 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 8021B: Volat Units: mg/H HighLimit 133 136 134	%RPD tiles %g %RPD	RPDLimit	Qual S Qual
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID 1512A80-021AMS Client ID: F-1V Prep Date: 12/23/2015 Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene	Result 1.0 0.95 0.97 1.0 3.1 1.3 Samp Bate Analysis ( Result 0.97 0.91 1.1 0.99	PQL 0.10 0.050 0.050 0.050 0.10 Type: MS h ID: 22: Date: 12 PQL 0.093 0.046 0.046 0.046	SPK value 1.000 1.000 1.000 3.000 1.000 3.000 1.000 3.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.0000 5.000 5.000 5.000 5.000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.0000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.00000 5.000000 5.00000 5.000000 5.00000000 5.0000000000	SPK Ref Val 0 0 0 0 0 Tes SPK Ref Val 0 0.03768 0.09921 0.01374	%REC 99.8 95.0 96.6 99.8 103 132 tCode: EF 200No: 3 %REC 105 94.0 112 105	LowLimit 67.2 80 80 80 80 80 80 80 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 8021B: Volat Units: mg/H HighLimit 133 136 134 137	%RPD tiles %g %RPD	RPDLimit	Qual S Qual
Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluoroberzene Sample ID 1512A80-021AMS Client ID: F-1V Prep Date: 12/23/2015 Analyte Methyl tert-butyl ether (MTBE) Berzene Toluene Ethylbenzene Xylenes, Total	Result 1.0 0.95 0.97 1.0 3.1 1.3 Samp Batc Analysis ( Result 0.97 0.91 1.1 0.99 3.1	PQL 0.10 0.050 0.050 0.050 0.10 Type: MS h ID: 22 Date: 12 PQL 0.093 0.046 0.046 0.046 0.046	SPK value 1.000 1.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 1.000 3.000 3.000 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002 5.002	SPK Ref Val 0 0 0 0 0 0 Tes SPK Ref Val 0 0.03768 0.09921 0.01374 0.05888	%REC 99.8 95.0 96.6 99.8 103 132 tCode: EF 200No: 3 %REC 105 94.0 112 105 94.0 112 105	LowLimit 67.2 80 80 80 80 80 80 80 80 80 80 80 80 80	HighLimit 121 120 120 120 120 120 8021B: Volat Units: mg/H HighLimit 133 136 134 137 133	%RPD tiles %g %RPD	RPDLimit	Qual S

#### 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
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- P Sample pH Not In Range
- RL Reporting Detection Limit

WO#: 1512A80

08-Jan-16

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Client:C&C LandfarmProject:C & C Landfarm

Sample ID 1512A80-021AMS	D Samp	Type: MS	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: F-1V	Batc	h ID: 22	953	F	RunNo: 3	1090				
Prep Date: 12/23/2015	Analysis I	Date: 12	2/28/2015	5	SeqNo: 9	51398	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	0.95	0.093	0.9294	0	102	53.6	133	2.18	20	
Berzene	0.88	0.046	0.9294	0.03768	90.8	69.6	136	3.20	20	
Toluene	0.93	0.046	0.9294	0.09921	89.0	76.2	134	20.7	20	R
Ethylbenzene	0.91	0.046	0.9294	0.01374	<b>9</b> 7.0	75.8	137	7.80	20	
Xylenes, Total	2.8	0.093	2.788	0.05888	98.6	78.9	133	9.06	20	
Surr: 4-Bromofluorobenzene	1.1		0.9294		121	80	120	0	0	S
Sample ID MB-22972	Samp	Type: Mi	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 22	972	F	RunNo: 3	1129				
Prep Date: 12/28/2015	Analysis I	Date: 12	2/29/2015	5	SeqNo: 9	52441	Units: mg/M	٩		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.2		1.000		125	80	120			S
Sample ID LCS-22972	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 22	972	F	RunNo: 3	1129				
Prep Date: 12/28/2015	Analysis (	Date: 12	2/29/2015	S	SeqNo: 9	52442	Units: mg/M	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.1	0.10	1.000	0	109	67.2	121			
Berzene	0.96	0.050	1.000	0	96.5	80	120			
Toluene	0.99	0.050	1.000	0	98.7	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.3		1.000		131	80	120			S
Sample ID 1512A80-041AMS	Samp	Type: MS	6	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: K-1V	Batc	h ID: 22	972	F	RunNo: 3	1129				
Prep Date: 12/28/2015	Analysis [	Date: 12	2/29/2015	S	SeqNo: 9	52444	Units: mg/M	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.0	0.097	0.9690	0	105	53.6	133			
Berzene	0.94	0.048	0.9690	0	96.6	69.6	136			
Toluene	0.96	0.048	0.9690	0.007996	98.4	76.2	134			
Ethylbenzene	0.97	0.048	0,9690	0	99.6	75.8	137			

#### 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

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P Sample pH Not In Range

RL Reporting Detection Limit

WO#: 1512A80

08-Jan-16

Client:C&C LandfarmProject:C & C Landfarm

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Sample ID 1512A80	-041AMS Sam	рТуре: М	5	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: K-1V	Bat	tch ID: 22	972	F	RunNo: 3	1129				
Prep Date: 12/28/2	015 Analysis	Date: 12	2/29/2015	S	SeqNo: 9	52444	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	3.0	0.097	2.907	0	103	78.9	133			
Surr: 4-Bromofluorobenz	zene 1.2		0.9690		125	80	120			S
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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

Page 62 of 62

WO#: 1512A80

08-Jan-16

HALL ENVIRONMENTA ANALYSIS LABORATORY	L	Hall Environmental A Albuq TEL: 505-345-3975 H Website: www.hall	nalysi 4901 werqu AX: 5 enviro	s Laboratory Hawkins NE e. NM 87109 05-345-4107 nmental.com	Sa	amp	ole Log-In	Check List
Client Name: C&C LANDF	ARM	Work Order Number:	1512/	\80			Rcpt	No: 1
Received by/date:	*	12/25/15				"		
Logged By: Lindsay Ma	ngin	12/23/2015 9:40:00 AM		C	genign	nggo 		
Completed By: Lindsay Ma	angin	12/23/2015 10:48:06 AM	A	C	<del>f-ly</del> tt	li po		
Reviewed By:	<u>C</u> S	12/23/15						
Chain of Custody								
1. Custody seals intact on sa	imple bottles?		Yes		No		Not Present	
2. Is Chain of Custody comp	lete?		Yes		No	iل	Not Present	
3. How was the sample deliv	ered?		<u>UPS</u>					
Log In								
4. Was an attempt made to	cool the samples?		Yes		No		NA	
5. Were all samples received	d at a temperature	of >0° C to 6.0°C	Yes		No		NA (	_]
6. Sample(s) in proper conta	ainer(s)?		Yes		No	[]		
7. Sufficient sample volume	for indicated test(s	)?	Yes		No			
8, Are samples (except VOA	and ONG) proper	ly preserved?	Yes		No	[.]		
9. Was preservative added to	o bottles?		Yes		No		NA	
10.VOA vials have zero head	space?		Yes		No		No VOA Vials	
11, Were any sample contain	ers received broke	in?	Yes		No		# of preserved bottles checked	ł
12.Does paperwork match bo	ottle labels?		Yes		No		for pH:	<pre></pre>
13 Are matrices correctly ide	ntified on Chain of	Custody?	Yes		No	["]	Adjusted	?
14. Is it clear what analyses w	vere requested?		Yes		No	[]		
15. Were all holding times abl (If no, notify customer for	le to be met? authorization.)		Yes		No	D	Checked	by:
Special Handling (if app	olicable)							
16. Was client notified of all d	iscrepancies with t	his order?	Yes		No		NA	
Person Notified:	<u> </u>	Date:		4.49.44.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.				
By Whom:		Via: [	] eMa	ail 📋 Pho	ne 门	Fax	🗌 In Person	<b></b>
Regarding:							wateret (* . ! (* ! )	-
Gient Instructions:	ł							
10. <u>Cooler Information</u> Cooler No Temp °C 1 1.4	Condition Se Good Yes	aal Intact   Seal No   S	ieal Di	ate S	gned E	By		
Page 1 of 1								

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# C & C LANDFARM BOX 55 MONUMENT, NM 88265

NMOCD Environmental ATTN: Brad Jones 1220 South St. Francis Drive Santa Fe, NM 87505

RE: C & C Landfarm

Mr. Jones:

Please find the attached request and/or information concerning C & C.

We appreciate your continued patience as we get everything as you requested.

Thanks for your help.

Jemme T Cooper

Jimmie T. Cooper Owner - Operator C & C Landfarm 575-397-2045

October 30, 2015

NMOCD Environmental ATTN: Brad Jones 1220 S. Saint Francis Drive Santa Fe, NM 87504

RE: C & C Landfarm (NM-01-0012) Cell C

Mr. Jones:

In reviewing the file for C & C Landfarm, I could not find the five year test as required for Cell C. All other tests have been submitted. Find enclosed analytical for Cell C.

Should you have any questions, please call.

Thanks,

SIDI

Eddie W. Seay, Agent Eddie Seay Consulting 601 W. Illinois Hobbs, NM 88242 575-392-2236 seay04@leaco.net

cc: C & C Landfarm (J. Cooper)

# HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

October 05, 2015

Jim Cooper C&C Landfarm Box 55 Monument, NM 88265 TEL: (575) 390-2454 FAX

RE: C & C Landfarm

OrderNo.: 1508D48

Dear Jim Cooper:

Hall Environmental Analysis Laboratory received 4 sample(s) on 8/27/2015 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 <u>www.hallenvironmental.com</u> 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,

and

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

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

# **Case Narrative**

**WO**#: 1508D48 10/5/2015 Date:

CLIENT:	C&C Landfarm
Project:	C & C Landfarm

Analytical Notes Regarding EPA Method 9066:

The "J6" qualifier is used to note that the sample matrix interfered with the ability to make an accurate determination of the matrix spike.

#### Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Cell C-1									
Collection Date: 8/25/2015 8:45:00 AM									
Matrix:	SOIL	Receive	d Date: 8/2	7/2015 9:15:00 AM					
Result	RL	Qual Units	DF	Date Analyzed	Batch				
				Analys	t: TOM				
ND	19	mg/Kg	1	9/8/2015	21151				
				Analys	t: LGT				
1.0	0.30	mg/Kg	1	9/8/2015 4:35:30 PM	21182				
1.8	1.5	mg/Kg	1	9/8/2015 4:35:30 PM	21182				
0.79	0.30	mg/Kg	1	9/8/2015 4:35:30 PM	21182				
3.3	1.5	mg/Kg	1	9/8/2015 4:35:30 PM	21182				
				Analys	t: JLF				
ND	0.032	mg/Kg	1	9/10/2015 2:28:00 PM	21212				
				Analys	t: MED				
ND	2.4	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
16	0.098	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
ND	0.098	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
1200	24	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
2.4	0.29	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
0.81	0.29	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
2300	240	mg/Kg	100	9/4/2015 12:09:45 PM	21136				
1.5	0.24	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
380	24	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
28	0.098	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
460	49	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
ND	2.4	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
ND	0.24	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
ND	24	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
ND	4.9	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
5.6	2.4	mg/Kg	1	9/4/2015 12:11:35 PM	21136				
				Analys	t SCC				
ND	0.020	mg/Kg	1	9/4/2015 7:40:27 AM	21104				
ND	0.020	mg/Kg	1	9/4/2015 7:40:27 AM	211 <b>04</b>				
ND	0.020	mg/Kg	1	9/4/2015 7:40:27 AM	21104				
ND	0.020	mg/Kg	1	9/4/2015 7:40:27 AM	21 <b>104</b>				
ND	0.020	mg/Kg	1	9/4/2015 7:40:27 AM	21104				
ND	0.020	mg/Kg	1	9/4/2015 7:40:27 AM	21104				
ND	0.020	mg/Kg	1	9/4/2015 7:40:27 AM	21104				
75.2	25.2-134	%REC	1	9/4/2015 7:40:27 AM	21104				
66.4	17.4-148	%REC	1	9/4/2015 7:40:27 AM	21104				
				Analys	t: SCC				
ND	0.25	mg/Kg	1	9/8/2015 9:20:43 AM	21106				
	Matrix:        Result        ND        1.0        1.8        0.79        3.3        ND        10        1.8        0.79        3.3        ND        16        ND        1200        2.4        0.81        2300        1.5        380        28        460        ND        ND <td>Matrix: SOIL      Result    RL      ND    19      1.0    0.30      1.8    1.5      0.79    0.30      3.3    1.5      ND    0.032      ND    2.4      16    0.098      1200    24      2.4    0.29      0.81    0.29      0.81    0.29      2300    240      1.5    0.24      380    24      28    0.098      460    49      ND    0.24      ND    2.4      ND    2.4      380    24      28    0.098      460    49      ND    2.4      ND    0.24      ND    0.24      ND    0.020      ND    <td< td=""><td>Client Sam Collectio        Matrix:      SOIL      Receive        Result      RL      Qual      Units        ND      19      mg/Kg        1.0      0.30      mg/Kg        1.8      1.5      mg/Kg        0.79      0.30      mg/Kg        ND      2.4      mg/Kg        ND      2.4      mg/Kg        ND      0.032      mg/Kg        1200      2.4      mg/Kg        0.81      0.29      mg/Kg        1.5      0.24      mg/Kg        380      24      mg/Kg        380      24      mg/Kg        ND      0.24      mg/Kg        ND      0.24      mg/Kg        ND      0.24      mg/Kg</td><td>Client Sample ID: Cel Collection Date: 8/2        Matrix:      SOIL      Received Date: 8/2        Result      RL      Qual      Units      DF        ND      19      mg/Kg      1        1.0      0.30      mg/Kg      1        1.8      1.5      mg/Kg      1        0.79      0.30      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.44      mg/Kg      1        ND      0.44      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.044      mg/Kg      1        1200      24      mg/Kg      1        0.81      0.29      mg/Kg      1        0.81      0.29      mg/Kg      1        380      24      mg/Kg      1        28      0.098      mg/Kg      1        ND      0.24      mg</td><td>Client Sample ID: Cell C-1 Collection Date: 8/25/2015 8:45:00 AM        Matrix: SOIL      Received Date: 8/27/2015 9:15:00 AM        Result      RL      Qual      Units      DF      Date Analyzed        ND      19      mg/Kg      1      9/6/2015      Analys        ND      19      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        1.0      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        0.79      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        0.79      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        ND      0.032      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        ND      0.032      mg/Kg      1      9/6/2015 1:2:11:35 PM      Analys        ND      2.4      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        ND      0.048      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        ND      0.24      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        &lt;</td></td<></td>	Matrix: SOIL      Result    RL      ND    19      1.0    0.30      1.8    1.5      0.79    0.30      3.3    1.5      ND    0.032      ND    2.4      16    0.098      1200    24      2.4    0.29      0.81    0.29      0.81    0.29      2300    240      1.5    0.24      380    24      28    0.098      460    49      ND    0.24      ND    2.4      ND    2.4      380    24      28    0.098      460    49      ND    2.4      ND    0.24      ND    0.24      ND    0.020      ND <td< td=""><td>Client Sam Collectio        Matrix:      SOIL      Receive        Result      RL      Qual      Units        ND      19      mg/Kg        1.0      0.30      mg/Kg        1.8      1.5      mg/Kg        0.79      0.30      mg/Kg        ND      2.4      mg/Kg        ND      2.4      mg/Kg        ND      0.032      mg/Kg        1200      2.4      mg/Kg        0.81      0.29      mg/Kg        1.5      0.24      mg/Kg        380      24      mg/Kg        380      24      mg/Kg        ND      0.24      mg/Kg        ND      0.24      mg/Kg        ND      0.24      mg/Kg</td><td>Client Sample ID: Cel Collection Date: 8/2        Matrix:      SOIL      Received Date: 8/2        Result      RL      Qual      Units      DF        ND      19      mg/Kg      1        1.0      0.30      mg/Kg      1        1.8      1.5      mg/Kg      1        0.79      0.30      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.44      mg/Kg      1        ND      0.44      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.044      mg/Kg      1        1200      24      mg/Kg      1        0.81      0.29      mg/Kg      1        0.81      0.29      mg/Kg      1        380      24      mg/Kg      1        28      0.098      mg/Kg      1        ND      0.24      mg</td><td>Client Sample ID: Cell C-1 Collection Date: 8/25/2015 8:45:00 AM        Matrix: SOIL      Received Date: 8/27/2015 9:15:00 AM        Result      RL      Qual      Units      DF      Date Analyzed        ND      19      mg/Kg      1      9/6/2015      Analys        ND      19      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        1.0      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        0.79      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        0.79      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        ND      0.032      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        ND      0.032      mg/Kg      1      9/6/2015 1:2:11:35 PM      Analys        ND      2.4      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        ND      0.048      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        ND      0.24      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        &lt;</td></td<>	Client Sam Collectio        Matrix:      SOIL      Receive        Result      RL      Qual      Units        ND      19      mg/Kg        1.0      0.30      mg/Kg        1.8      1.5      mg/Kg        0.79      0.30      mg/Kg        ND      2.4      mg/Kg        ND      2.4      mg/Kg        ND      0.032      mg/Kg        1200      2.4      mg/Kg        0.81      0.29      mg/Kg        1.5      0.24      mg/Kg        380      24      mg/Kg        380      24      mg/Kg        ND      0.24      mg/Kg        ND      0.24      mg/Kg        ND      0.24      mg/Kg	Client Sample ID: Cel Collection Date: 8/2        Matrix:      SOIL      Received Date: 8/2        Result      RL      Qual      Units      DF        ND      19      mg/Kg      1        1.0      0.30      mg/Kg      1        1.8      1.5      mg/Kg      1        0.79      0.30      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.44      mg/Kg      1        ND      0.44      mg/Kg      1        ND      0.032      mg/Kg      1        ND      0.044      mg/Kg      1        1200      24      mg/Kg      1        0.81      0.29      mg/Kg      1        0.81      0.29      mg/Kg      1        380      24      mg/Kg      1        28      0.098      mg/Kg      1        ND      0.24      mg	Client Sample ID: Cell C-1 Collection Date: 8/25/2015 8:45:00 AM        Matrix: SOIL      Received Date: 8/27/2015 9:15:00 AM        Result      RL      Qual      Units      DF      Date Analyzed        ND      19      mg/Kg      1      9/6/2015      Analys        ND      19      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        1.0      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        0.79      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        0.79      0.30      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        ND      0.032      mg/Kg      1      9/6/2015 4:35:30 PM      Analys        ND      0.032      mg/Kg      1      9/6/2015 1:2:11:35 PM      Analys        ND      2.4      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        ND      0.048      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        ND      0.24      mg/Kg      1      9/4/2015 1:2:11:35 PM      Analys        <				

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

Qualifiers: * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

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 2 of 19

P Sample pH Not In Range

RL Reporting Detection Limit

#### CLIENT: C&C Landfarm Client Sample ID: Cell C-1 C & C Landfarm Collection Date: 8/25/2015 8:45:00 AM **Project:** 1508D48-001 Matrix: SOIL Received Date: 8/27/2015 9:15:00 AM Lab ID: Result **RL** Qual Units **DF** Date Analyzed Batch Analyses EPA METHOD 8310: PAHS Analyst: SCC 1-Methylnaphthalene ND 0.25 mg/Kg 9/8/2015 9:20:43 AM 21106 1 2-Methylnaphthalene ND 0.25 mg/Kg 1 9/8/2015 9:20:43 AM 21106 ND 0.010 21106 mg/Kg 9/8/2015 9:20:43 AM Benzo(a)pyrene 1 Surr: Benzo(e)pyrene 42.8 24.5-139 %REC 9/8/2015 9:20:43 AM 21106 1 EPA METHOD 8260B: VOLATILES Analyst: AG ND 0.047 9/1/2015 9:09:41 PM 21059 Benzene mg/Kg 1 Toluene ND 0.047 mg/Kg 9/1/2015 9:09:41 PM 21059 1 mg/Kg ND 0.047 9/1/2015 9:09:41 PM 21059 Ethylbenzene 1 ND 1,2-Dichloroethane (EDC) 0.047 mg/Kg 1 9/1/2015 9:09:41 PM 21059 1,2-Dibromoethane (EDB) ND 0.047 mg/Kg 1 9/1/2015 9:09:41 PM 21059 mg/Kg Carbon tetrachloride ND 0.047 9/1/2015 9:09:41 PM 21059 1 ND 0.047 21059 Chloroform mg/Kg 9/1/2015 9:09:41 PM 1 1,1-Dichloroethane ND 0.047 mg/Kg 9/1/2015 9:09:41 PM 21059 1 mg/Kg 1.1-Dichloroethene ND 0.047 1 9/1/2015 9:09:41 PM 21059 ND 0.14 mg/Kg 9/1/2015 9:09:41 PM 21059 Methylene chloride 1 1,1,2,2-Tetrachloroethane ND 0.047 mg/Kg 1 9/1/2015 9:09:41 PM 21059 0.047 9/1/2015 9:09:41 PM Tetrachloroethene (PCE) ND mg/Kg 1 21059 ND 0.047 9/1/2015 9:09:41 PM 21059 1,1,1-Trichloroethane mg/Kg 1 ND 0.047 9/1/2015 9:09:41 PM 21059 1,1,2-Trichloroethane mg/Kg 1 Trichloroethene (TCE) ND 0.047 mg/Kg 9/1/2015 9:09:41 PM 21059 1 Vinyl chloride ND 0.047 mg/Kg 1 9/1/2015 9:09:41 PM 21059 ND 0.094 9/1/2015 9:09:41 PM 21059 Xylenes, Total mg/Kg 1 Surr: Dibromofluoromethane 97.8 70-130 %REC 1 9/1/2015 9:09:41 PM 21059

70-130

70-130

70-130

1.68

%REC

%RFC

%REC

pH Units

1

1

1

1

9/1/2015 9:09:41 PM

9/1/2015 9:09:41 PM

9/1/2015 9:09:41 PM

9/3/2015 11:45:00 AM

21059 21059

21059

R28642

Analyst: JRR

98.9

87.0

98.1

7.90

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

Qualifiers:	
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Surr: 1.2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Toluene-d8

SM4500-H+B: PH

pН

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

ND Not Detected at the Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

- 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 19
- P Sample pH Not In Range
- RL Reporting Detection Limit

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm

Project: C & C Landfarm

Client Sample ID: Cell C-2 Collection Date: 8/25/2015 9:50:00 AM . . 0/07/0016 0 16 00 13 6 .

Lab ID: 1508D48-002	Matrix:	SOIL	Received 1	Date: 8/2'	7/2015 9:15:00 AM	
Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analys	t: TOM
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/8/2015	21151
EPA METHOD 300.0: ANIONS					Analys	t LGT
Fluoride	0.83	0.30	ma/Ka	1	9/8/2015 5:00:19 PM	21182
Chloride	ND	1.5	ma/Ka	1	9/8/2015 5:00:19 PM	21182
Nitrogen, Nitrate (As N)	3.0	0.30	mg/Kg	1	9/8/2015 5:00:19 PM	21182
Sulfate	3.5	1.5	mg/Kg	1	9/8/2015 5:00:19 PM	21182
EPA METHOD 7471: MERCURY					Analys	t: JLF
Mercury	ND	0.033	mg/Kg	1	9/10/2015 2:29:46 PM	21212
EPA METHOD 6010B: SOIL METALS			•••		Analys	t: MED
Arsenic	ND	2.4	ma/Ka	1	9/4/2015 12:15:05 PM	21136
Barium	13	0.097	ma/Ka	1	9/4/2015 12:15:05 PM	21136
Cadmium	ND	0.097	ma/Ka	1	9/4/2015 12:15:05 PM	21136
Calcium	1000	24	mg/Kg	1	9/4/2015 12:15:05 PM	21136
Chromium	2.5	0.29	mg/Kg	1	9/4/2015 12:15:05 PM	21136
Copper	0.66	0.29	mg/Kg	1	9/4/2015 12:15:05 PM	21136
iron	2400	240	mg/Kg	100	9/4/2015 12:13:15 PM	21136
Lead	1.5	0.24	mg/Kg	1	9/4/2015 12:15:05 PM	21136
Magnesium	400	24	mg/Kg	1	9/4/2015 12:15:05 PM	21136
Manganese	24	0.097	mg/Kg	1	9/4/2015 12:15:05 PM	21136
Potassium	540	48	mg/Kg	1	9/4/2015 12:15:05 PM	21136
Selenium	ND	2.4	mg/Kg	1	9/4/2015 12:15:05 PM	211 <b>36</b>
Silver	ND	0.24	mg/Kg	1	9/4/2015 12:15:05 PM	211 <b>36</b>
Sodium	ND	24	mg/Kg	1	9/4/2015 12:15:05 PM	21136
Uranium	ND	4.8	mg/Kg	1	9/4/2015 12:15:05 PM	21136
Zinc	6.1	2.4	mg/Kg	1	9/4/2015 12:15:05 PM	21136
EPA METHOD 8082: PCB'S					Analys	t scc
Aroclor 1016	ND	0.020	mg/Kg	1	9/4/2015 9:58:57 AM	21104
Aroclor 1221	ND	0.020	mg/Kg	1	9/4/2015 9:58:57 AM	21104
Aroclor 1232	ND	0.020	mg/Kg	1	9/4/2015 9:58:57 AM	21104
Aroclor 1242	ND	0.020	mg/Kg	1	9/4/2015 9:58:57 AM	21104
Aroclor 1248	ND	0.020	mg/Kg	1	9/4/2015 9:58:57 AM	21104
Aroclor 1254	ND	0.020	mg/Kg	1	9/4/2015 9:58:57 AM	21104
Aroclor 1260	ND	0.020	mg/Kg	1	9/4/2015 9:58:57 AM	21104
Surr: Decachlorobiphenyl	73.6	25.2-134	%REC	1	9/4/2015 9:58:57 AM	21104
Surr: Tetrachloro-m-xylene	56.0	17.4-148	%REC	1	9/4/2015 9:58:57 AM	21104
EPA METHOD 8310: PAHS					Analys	t. SCC
Naphthalene	ND	0.25	mg/Kg	1	9/8/2015 9:50:02 AM	21106
Pefer to the OC Summary report a	nd sample lo	rin checklist	for flagged OC d	ata and nr	eservation informatic	

iple login checklist for flagged QC d nd preservation information. Refer to the QC Summary report and s

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

Analyte detected below quantitation limits Page 4 of 19 J

Sample pH Not In Range Р

RL Reporting Detection Limit

#### Hall Environmental Analysis Laboratory, Inc. CLIENT: C&C Landfarm Client Sample ID: Cell C-2 C & C Landfarm Collection Date: 8/25/2015 9:50:00 AM Project: 1508D48-002 Matrix: SOIL Received Date: 8/27/2015 9:15:00 AM Lab ID:

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8310: PAHS					Analyst	SCC
1-Methylnaphthalene	ND	0.25	mg/Kg	1	9/8/2015 9:50:02 AM	21106
2-Methylnaphthalene	ND	0.25	mg/Kg	1	9/8/2015 9:50:02 AM	21106
Benzo(a)pyrene	ND	0.010	mg/Kg	1	9/8/2015 9:50:02 AM	21106
Surr: Benzo(e)pyrene	53.2	24.5-139	%REC	1	9/8/2015 9:50:02 AM	21106
EPA METHOD 8260B: VOLATILES					Analyst	AG
Benzene	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Toluene	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Ethylbenzene	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
1,2-Dichloroethane (EDC)	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
1,2-Dibromoethane (EDB)	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Carbon tetrachloride	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Chloroform	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
1,1-Dichloroethane	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
1,1-Dichloroethene	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Methylene chloride	ND	0.15	mg/Kg	1	9/1/2015 10:35:51 PM	21059
1,1,2,2-Tetrachloroethane	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Tetrachloroethene (PCE)	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
1,1,1-Trichloroethane	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
1,1,2-Trichloroethane	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Trichloroethene (TCE)	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Vinyl chloride	ND	0.048	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Xylenes, Total	ND	0.097	mg/Kg	1	9/1/2015 10:35:51 PM	21059
Surr: Dibromofluoromethane	98.7	70-130	%REC	1	9/1/2015 10:35:51 PM	21059
Surr: 1,2-Dichloroethane-d4	98.0	70-130	%REC	1	9/1/2015 10:35:51 PM	21059
Surr: Toluene-d8	87.1	70-130	%REC	1	9/1/2015 10:35:51 PM	21059
Surr: 4-Bromofluorobenzene	96.3	70-130	%REC	1	9/1/2015 10:35:51 PM	21059
SM4500-H+B: PH					Analyst	: JRR
pН	8.08	1.68	pH Units	1	9/3/2015 11:45:00 AM	R28642

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

Qualifiers:
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- 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 S
- В Analyte detected in the associated Method Blank
- Ē Value above quantitation range
- Analyte detected below quantitation limits Page 5 of 19 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm

Project: C & C Landfarm			Collection Date: 8/25/2015 10:40:00 AM					
Lab ID: 1508D48-003	Matrix: S	OIL	Received	Date: 8/2	7/2015 9:15:00 AM			
Analyses	Result	RL Qual	Units	DF	Date Analyzed	Batch		
EPA METHOD 418.1: TPH					Analys	t: TOM		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/8/2015	21151		
EPA METHOD 300.0: ANIONS					Analys	t: LGT		
Fluoride	0.76	0.30	ma/Ka	1	9/8/2015 5:25:08 PM	21182		
Chloride	ND	1.5	mg/Kg	1	9/8/2015 5:25:08 PM	21182		
Nitrogen, Nitrate (As N)	ND	0.30	mg/Kg	1	9/8/2015 5:25:08 PM	21182		
Sulfate	ND	1.5	mg/Kg	1	9/8/2015 5:25:08 PM	21182		
EPA METHOD 7471: MERCURY					Analys	t: JLF		
Mercury	ND	0.032	mg/Kg	1	9/10/2015 2:35:08 PM	21212		
EPA METHOD 6010B: SOIL METALS					Analys	t: MED		
Arsenic	ND	2.4	ma/Ka	1	9/4/2015 12:22:19 PM	21136		
Barium	11	0.096	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Cadmium	ND	0.096	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Calcium	420	24	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Chromium	2.5	0.29	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Copper	0.55	0.29	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Iron	2500	240	mg/Kg	100	9/4/2015 12:20:34 PM	21136		
Lead	1.3	0.24	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Magnesium	310	24	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Manganese	22	0.096	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Potassium	410	48	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Selenium	ND	2.4	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Silver	ND	0.24	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Sodium	ND	24	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Uranium	ND	4.8	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
Zinc	5.2	2.4	mg/Kg	1	9/4/2015 12:22:19 PM	21136		
EPA METHOD 8082: PCB'S					Analys	: SCC		
Aroclor 1016	ND	0.020	mg/Kg	1	9/4/2015 10:45:05 AM	21104		
Aroclor 1221	ND	0.020	mg/Kg	1	9/4/2015 10:45:05 AM	21104		
Aroclor 1232	ND	0.020	mg/Kg	1	9/4/2015 10:45:05 AM	21104		
Aroclor 1242	ND	0.020	mg/Kg	1	9/4/2015 10:45:05 AM	21104		
Aroclor 1248	ND	0.020	mg/Kg	1	9/4/2015 10:45:05 AM	21104		
Aroclor 1254	ND	0.020	mg/Kg	1	9/4/2015 10:45:05 AM	21104		
Aroclor 1260	ND	0.020	ma/Ka	1	9/4/2015 10:45:05 AM	21104		

Client Sample ID: Cell C-3

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

25.2-134

17.4-148

86.0

66.0

ND

Qualifiers: * Value exceeds Maximum Contaminant Level.

Surr: Decachlorobiphenyl

Surr: Tetrachloro-m-xylene

EPA METHOD 8310: PAHS

Naphthalene

D Sample Diluted Due to Matrix

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RPD outside accepted recovery limits R

S % Recovery outside of range due to dilution or matrix в Analyte detected in the associated Method Blank

1

1

1

Ε Value above quantitation range

Analyte detected below quantitation limits Page 6 of 19 J

9/4/2015 10:45:05 AM

9/4/2015 10:45:05 AM 21104

9/8/2015 11:47:00 AM 21106

21104

Analyst: SCC

Р Sample pH Not In Range

%REC

%REC

mg/Kg

RL Reporting Detection Limit

#### Hall Environmental Analysis Laboratory, Inc.

CLIENT: C&C Landfarm	Client Sample ID: Cell C-3									
Project: C & C Landfarm			Collection ]	Date: 8/2	25/2015 10:40:00 AM					
Lab ID: 1508D48-003	Matrix:	SOIL	Received 1	<b>Date:</b> 8/2	27/2015 9:15:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 8310: PAHS					Analyst	SCC				
1-Methylnaphthalene	ND	0.25	mg/Kg	1	9/8/2015 11:47:00 AM	21106				
2-Methylnaphthalene	ND	0.25	mg/Kg	1	9/8/2015 11:47:00 AM	21106				
Benzo(a)pyrene	ND	0.010	mg/Kg	1	9/8/2015 11:47:00 AM	21106				
Surr: Benzo(e)pyrene	51.7	24.5-139	%REC	1	9/8/2015 11:47:00 AM	21106				
EPA METHOD 8260B: VOLATILES					Analyst	AG				
Benzene	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Toluene	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Ethylbenzene	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
1,2-Dichloroethane (EDC)	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
1,2-Dibromoethane (EDB)	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Carbon tetrachloride	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Chloroform	ND	0. <b>047</b>	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
1,1-Dichloroethane	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
1,1-Dichloroethene	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Methylene chloride	ND	0.14	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
1,1,2,2-Tetrachloroethane	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Tetrachloroethene (PCE)	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
1,1,1-Trichloroethane	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
1,1,2-Trichloroethane	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Trichloroethene (TCE)	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Vinyl chloride	ND	0.047	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Xylenes, Total	ND	0.094	mg/Kg	1	9/1/2015 11:04:32 PM	21059				
Surr: Dibromofiuoromethane	93.1	70-130	%REC	1	9/1/2015 11:04:32 PM	21059				
Surr: 1,2-Dichloroethane-d4	93.4	70-130	%REC	1	9/1/2015 11:04:32 PM	21059				
Surr: Toluene-d8	85.3	70-130	%REC	1	9/1/2015 11:04:32 PM	21059				
Surr: 4-Bromofluorobenzene	96.3	70-130	%REC	1	9/1/2015 11:04:32 PM	21059				
SM4500-H+B: PH					Analyst	JRR				
pH	7.74	1.68	pH Units	1	9/3/2015 11:45:00 AM	R28642				

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

Qualifiers:	*	V
	D	~

- * 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 19
- P Sample pH Not In Range
- RL Reporting Detection Limit

**Analytical Report** Lab Order 1508D48

### Hall Environmental Analysis Laboratory, Inc.

Date Reported: 10/5/2015

CLIENT: C&C Landfarm			С	lient Sa	mple ID: Ce	11 C-4	
Project: C & C Landfarm				Collectio	on Date: 8/2	25/2015 12:00:00 PM	
Lab ID: 1508D48-004	Matrix:	SOIL		Receiv	ed Date: 8/2	27/2015 9:15:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH			_			Analyst	: ТОМ
Petroleum Hydrocarbons, TR	ND	20	)	mg/Kg	1	9/8/2015	21151
EPA METHOD 300.0: ANIONS						Analyst	LGT
Fluoride	0.90	0.30		ma/Ka	1	9/8/2015 5:49:57 PM	21182
Chloride	ND	1.5		ma/Ka	1	9/8/2015 5:49:57 PM	21182
Nitrogen, Nitrate (As N)	0.96	0.30		ma/Ka	1	9/8/2015 5:49:57 PM	21182
Sulfate	1.7	1.5		ma/Ka	1	9/8/2015 5:49:57 PM	21182
EPA METHOD 7471: MERCURY						Analyst	JLF
Mercury	ND	0.033		mg/Kg	1	9/10/2015 2:36:57 PM	21212
EPA METHOD 6010B: SOIL METALS				•••		Analyst	MED
Arsenic	ND	26		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Banium	13	0.10		ma/Ka	. 1	9/4/2015 12:31:13 PM	21136
Cadmium		0.10		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Calcium	830	26		ma/Ka	. 1	9/4/2015 12:31:13 PM	21136
Chromium	2.4	0.31		ma/Ka	. 1	9/4/2015 12:31:13 PM	21136
Copper	0.65	0.31		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Iron	2300	260		ma/Ka	100	9/4/2015 12:29:26 PM	21136
Lead	1.4	0.26		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Magnesium	350	26		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Manganese	25	0.10		ma/Ka	. 1	9/4/2015 12:31:13 PM	21136
Potassium	460	52		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Selenium	ND	2.6		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Silver	ND	0.26		ma/Ka	. 1	9/4/2015 12:31:13 PM	21136
Sodium	ND	26		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Uranium	ND	5.2		ma/Ka	1	9/4/2015 12:31:13 PM	21136
Zinc	5.7	2.6		mg/Kg	1	9/4/2015 12:31:13 PM	21136
EPA METHOD 8082: PCB'S						Analyst	SCC
Aroclor 1016	ND	0.020		ma/Ka	1	9/4/2015 11:30:46 AM	21104
Aroclor 1221	ND	0.020		ma/Ka	1	9/4/2015 11:30:46 AM	21104
Aroclor 1232	ND	0.020		ma/Ka	1	9/4/2015 11:30:46 AM	21104
Aroclor 1242	ND	0.020		mg/Kg	1	9/4/2015 11:30:46 AM	21104
Aroclor 1248	ND	0.020		mg/Kg	1	9/4/2015 11:30:46 AM	21104
Aroclor 1254	ND	0.020		mg/Kg	1	9/4/2015 11:30:46 AM	21104
Aroclor 1260	ND	0.020		mg/Kg	1	9/4/2015 11:30:46 AM	21104
Surr: Decachlorobiphenyl	88.0	25.2-134		%REC	1	9/4/2015 11:30:46 AM	21104
Surr: Tetrachloro-m-xylene	64.8	17.4-148		%REC	1	9/4/2015 11:30:46 AM	21104
EPA METHOD 8310: PAHS						Analyst:	SCC
Naphthalene	ND	0.25		mg/Kg	1	9/8/2015 12:16:08 PM	21106
Refer to the OC Summary report an	d sample loo	in checklie	t fo <del>r</del> fla	aged Of	" data and n	reservation information	

preservation

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

Analyte detected in the associated Method Blank в

E Value above quantitation range

- Analyte detected below quantitation limits Page 8 of 19 J
- Р Sample pH Not In Range
- RL Reporting Detection Limit

9/1/2015 11:33:13 PM

9/1/2015 11:33:13 PM

1

1

21059

21059

#### CLIENT: C&C Landfarm Client Sample ID: Cell C-4 **Project:** C & C Landfarm Collection Date: 8/25/2015 12:00:00 PM Matrix: SOII. Lab ID: 1508D48-004 Received Date: 8/27/2015 9:15:00 AM Analyses Result **RL** Qual Units **DF** Date Analyzed Batch Analyst: SCC **EPA METHOD 8310: PAHS** ND 0.25 1-Methylnaphthalene mg/Kg 9/8/2015 12:16:08 PM 21106 1 2-Methylnaphthalene ND 0.25 mg/Kg 1 9/8/2015 12:16:08 PM 21106 Benzo(a)pyrene ND 0.0099 mg/Kg 9/8/2015 12:16:08 PM 21106 1 %REC 46.3 24.5-139 Surr: Benzo(e)pyrene 1 9/8/2015 12:16:08 PM 21106 EPA METHOD 8260B: VOLATILES Analyst: AG Benzene ND 0.049 mg/Kg 1 9/1/2015 11:33:13 PM 21059 Toluene ND 0.049 mg/Kg 9/1/2015 11:33:13 PM 21059 1 Ethylbenzene ND 0.049 mg/Kg 1 9/1/2015 11:33:13 PM 21059 1.2-Dichloroethane (EDC) ND 0.049 mg/Kg 9/1/2015 11:33:13 PM 21059 1 1,2-Dibromoethane (EDB) ND 0.049 mg/Kg 9/1/2015 11:33:13 PM 21059 1 Carbon tetrachloride ND 0.049 mg/Kg 1 9/1/2015 11:33:13 PM 21059 Chloroform ND 0.049 mg/Kg 1 9/1/2015 11:33:13 PM 21059 ND 0.049 1.1-Dichloroethane mg/Kg 1 9/1/2015 11:33:13 PM 21059 ND 0.049 1,1-Dichloroethene mg/Kg 1 9/1/2015 11:33:13 PM 21059 ND 0.15 Methylene chloride mg/Kg 1 9/1/2015 11:33:13 PM 21059

ND

ND

Hall Environmental Analysis Laboratory, Inc.

#### 1,1,1-Trichloroethane ND 0.049 mg/Kg 9/1/2015 11:33:13 PM 21059 1 1,1,2-Trichloroethane ND 0.049 mg/Kg 1 9/1/2015 11:33:13 PM 21059 ND 0.049 21059 Trichloroethene (TCE) mg/Kg 9/1/2015 11:33:13 PM 1 Vinyl chloride ND 0.049 mg/Kg 1 9/1/2015 11:33:13 PM 21059 ND Xylenes, Total 0.097 mg/Kg 1 9/1/2015 11:33:13 PM 21059 Surr: Dibromofluoromethane %REC **99.1** 70-130 9/1/2015 11:33:13 PM 21059 1 %REC Surr: 1,2-Dichloroethane-d4 94.3 70-130 1 9/1/2015 11:33:13 PM 21059 70-130 %REC Surr: Toluene-d8 86.9 1 9/1/2015 11:33:13 PM 21059 96.3 %REC Surr: 4-Bromofluorobenzene 70-130 1 9/1/2015 11:33:13 PM 21059 SM4500-H+B: PH Analyst: JRR pН 7.98 1.68 pH Units 1 9/3/2015 11:45:00 AM R28642

0.049

0.049

mg/Kg

mg/Kg

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

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1,1,2,2-Tetrachioroethane

Tetrachloroethene (PCE)

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

Value exceeds Maximum Contaminant Level.

- 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 19
- P Sample pH Not In Range
- RL Reporting Detection Limit

#### Wet Chemistry by Method 9012B

wet entennistry by	100 20120							•
	Result	Qualifier	RDL	Dilution	Analysis	Batch		:
Analyte	mg/kg		mg/kg		date , time			E
Cyanide	ND		0.250	1	09/04/2015 10:26	WG813342		ſ
Wet Chemistry by I	Method 9066							3
	Result	Qualifier	RDL	Dilution	Analysis	Batch	· · · · · · · · · · · · · · · · · · ·	L
Analyte	mg kg		mg/kg		date / time			F
Total Phenol by 4AAP	ND		0.670	1	09/03/2015 09:01	WG812846		1

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PAGE:

#### Wet Chemistry by Method 9012B

<u></u>	Result	Qualifier	RDL	Ollution	Analysis	Batch	
Analyte	mg.kg		mg/kg		date / time		r
Cyanide	ND		0.250	1	09/04/2015 10:29	WG813342	
Wet Chemistry by	Method 9066						ſ
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		P
Total Phenol by 4AAP	ND		0.670	1	09/03/2015 09:02	WG812846	

² T_C ³Ss ⁴Cn ⁶Qc ⁷GI ¹Al ⁹Sc

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#### Wet Chemistry by Method 9012B

	Result	Qualifier	ROL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date time		
Cyanide	ND	36	0.250	1	09/04/2015 10:41	W6813342	
Wet Chemistry by M	Nethod 9066						 
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Total Phenol by 4AAP	ND		0.670	1	09/03/2015 09:03	WG812846	

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#### Wet Chemistry by Method 9012B

	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg:kg		date / time		5
Cyanide	ND		0.250	1	09/04/2015 10:43	WG813342	
Wet Chemistry by	Method 9066						3
	Result	Qualifier	RDL	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		4
Total Phenol by 4AAP	ND	J6	0.670	1	09/03/2015 09:04	WG812846	

²Tc ³Ss ⁴Cn ⁶Qc ⁷Gl ⁷Al ⁹Sc

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ACCOUNT:

Wet Chemistry by Method 9012B WG813342

# QUALITY CONTROL SUMMARY

Method Blank (MB)

(M3) 05/04/15 10:20

MB RDL	mg/kg	0.250
MB Qualifier		
MB Result	mg:kg	Đ
	Analyte	Cyanide

olo (OC) - Durationto (D) D CO Original Com 

C S S

L786145-04 Original Sample (OS) • Duplicate (DUP)

(OS) 09/04/15 10:43 . (DUP) 09/04/15 10:44

	Original Result	DUP Result	Dilution	DUP RPD	<b>DUP Qualifier</b>	dup RPD Limits
41	ngikg	тд/кд		8		8
ide	QN	۵z	-	0.00		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/04/15 10:22 . (LCSD) 09	1/04/15 10:23			-						
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	т <b>д</b> /kg	the state of the s	ðF	*	*			*	<b>5</b> 4
Cyanide	53.9	42.8	38.6	79.4	71.6	50.0-150			10.3	20

L786145-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 09/04/15 10:41 + (MS) 09/04/	15 10:42 • (MS	(D) 09/04/15 10:28										
	Spike Amoun	rt Original Result	MS Result	<b>MSD</b> Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	<b>MSD Qualifier</b>	D	RPD Limits
Analyte	mgʻkg	mg/kg	ាទ្ធវីទេ	ោg/kg	×8	8		8			8	*
Cyanide	3.33	0N	2.63	2.85	79.0	85.6	-	80.0-120	<u>9</u>		8.03	20

PAGE

ACCOUNT:

DATE/TIME:

# QUALI 1 Y UUN 1 KUL SUMMARY 1786145-01,02,03,04

L786145-01 Original Sample (OS) • Matrix Spike (MS)

	MS Qualifier	
	Rec. Limits	8
	Dilution	
	MS Rec.	8
	<b>MS Result</b>	mg/kg
	unt Original Result	mg/kg
/15 10:27	Spilke Amor	mg/kg
4/15 10:26 • (MS) 09/04		
0.60 (SO)		Analyte

80.0-120

-

86.5

2.88

0.0548

3.33

Cyanide

PAGE

ACCOUNT:

# WG812846 Wet Chemistry by Method 9068

QUALITY CONTROL SUMMARY

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Method Blank (MB)

(MB) 09-03/15 08:55											
	MB Result	MB Qualifier	MB RDL								r.
Analyte	նդ/ճա		tug/kg								С Н
Total Phenol by 4AAP	QN		0.670								
											SS
L786145-01 Original Sai	nple (OS) • D	Juplicate ([	(AUC)								•
(00) 09/03/15 09:01 - (DUP) 09/	03/15 09:01										ວົ 
	Original Result	DUP Result	Dilution		UP Qualifier D	up RPD Limits					
Analyte	mg'kg	Eу/бш		*	~	.9					ؠ
Total Phenol by 4AAP	QN	QN	-	0.00	7	0					
											С С
Laboratory Control San	nple (LCS) • L	aboratory	Control Sar	nple Dupl	icate (LCS	(D					7
illes) 09/03/15 08:56 • (LCSD) 0	9/03/15 08:57										छ 
	Spike Anount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec	Rec. Limits	LCS Qualifier	LCSD Qualifier	C da	RPD Limits	
Analyte	ញ/ស្លា	by/6w	mg/kg	*	×	æ			*	*	ي م
Total Phenol by 4AAP	8.33	8.57	8.83	103	106	90.0-110			2.99	20	
											ູ້
L786145-04 Original Sa	mple (OS) • I	Matrix Spik	e (MS) • Ma	ıtrix Spike	Duplicate	(MSD)					

OS) 08 C3/12 09:04 - (MS) 08/01	3/15 09:05 • (N	15D) 09/03/15 09:(	05									
	Spike Amouni	t Original Result	MS Result	<b>MSD Result</b>	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<b>MS Qualifier</b>	<b>MSD Qualifier</b>	0da	RPD Limits
unalyte	mg/kg	тука	mg/kg	mg/kg	۶F	ð.		<b>ж</b>			*	8
Total Phenol by 4AAP	16.7	0.0830	14.9	15.2	89.2	91.0	-	90.0-110	9 <b>1</b>		1.99	20

PROJECT:

SDG

PAGE:

Pace Analytical

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#### **ANALYTICAL RESULTS - RADIOCHEMISTRY**

Project:	1508D48							
Pace Project No .:	30158413							
Sample: 1508D48-0 PWS:	01C Cell C-1	Lab ID: 3015 Site ID:	3413001	Collected: 08/25/15 0 Sample Type:	8:45 Received:	09/03/15 09:30	Matrix: Solid	
Results reported on	n a "dry-weigh	t" basis						
Paramet	ers	Method	Ac	ct ± Unc (MDC) Carr Trac	units	Analyzed	CAS No.	Qual
Redium-226		EPA 901.1	0.400 C:NA	0±0.160 (0.138)	pCi/g	10/02/15 08:41	3 13982-63-3	
Radium-228		EPA 901.1	0.440 C:NA	8 ± 0.247 (0.242) A T:NA	pCl/g	10/02/15 08:49	9 15262-20-1	
Sample: 1508D48-0 PWS:	02C Cell C-2	Lab ID: 30158 Site ID:	413002	Collected: 08/25/15 0 Sample Type:	9:50 Received:	09/03/15 09:30	Matric: Solid	
Results reported on	a "dry-weigh	t" basis						
Paramet	619	Method	Ac	ct ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Radium-226		EPA 901.1	0.293 C:NA	1 0.131 (0.245)	pCl/g	10/02/15 09:0	5 13982-63-3	
Radium-228		EPA 901.1	0.144 C:NA	1 ± 0.117 (0.530) T:NA	pCi/g	10/02/15 09:05	5 <b>15262-20-</b> 1	
Sample: 1506D48-0	03C Cell C-3	Lab ID: 30158 Site ID:	413003	Collected: 08/25/15 10 Sample Type:	):40 Received:	09/03/15 09:30	Matrix: Solid	
Results reported on	a "dry-weigh	t" besis						
Paramet	618	Method	Ac	t ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Radium-226		EPA 901.1	0.191 C:NA	± 0.117 (0.346)	pCi/g	10/02/15 09:06	3 13982-63-3	damanni () - 11 / 12 / 12 / 14 /
Radium-228		EPA 901.1	0.328 C:NA	1 10.237 (0.242) T:NA	pCi/g	10/02/15 09:06	15262-20-1	
Sample: 1508D48-0 PWS:	04C Cell C-4	Lab ID: 30158 Site ID:	413004	Collected: 08/25/15 12 Sample Type:	2:00 Received:	09/03/15 09:30	Matrix: Solid	
Results reported on	a "dry-weigh	t" basis						
Paramet	876	Method	Ac	t ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Quat
Radium-226		EPA 901.1	0.330	1±0.132 (0.218)	pCi/g	10/02/15 09:22	13982-63-3	
Radium-228		EPA 901.1	0.027 C:NA	1±0.372 (0.416)	pCi/g	10/02/15 09:22	15262-20-1	

**REPORT OF LABORATORY ANALYSIS** 

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Pace Analytical® WWW.DBO

#### QUALITY CONTROL - RADIOCHEMISTRY

Project:	1508D48						
Pace Project No.:	30158413						
QC Batch:	RADC/26193		Analysis Method:	EPA 901.1			
QC Batch Method:	EPA 901.1		Analysis Description:	901.1 Gamm	901.1 Gamma Spec Ingrowth		
Associated Lab Sar	npies: 30158413	001, 30158413	002, 30158413003, 301584130	04			
METHOD BLANK:	956478		Matrix: Solid				
Associated Lab Sar	nples: 30158413	001, 30158413	002, 30158413003, 301584130	04			
Parar	neter	Act ±	Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers	
Radium-226		0.130 ± 0.130	(0.148) C:NA T:NA	pCi/g	09/28/15 10:35		
Radium-228		$0.123 \pm 0.281$	(0.339) C:NA T:NA	pCi/g	09/28/15 10:35		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

#### **REPORT OF LABORATORY ANALYSIS**

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Sample ID MB-21182	SampT	Type: Mi	BLK	TestCode: EPA Method 300.0: Anions						
Client ID: PBS	Batch	h ID: 21	182	F	RunNo: 2	8712				
Prep Date: 9/8/2015	Analysis D	Date: 9/	8/2015	5	SeqNo: 8	70259	Units: mg/h	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	ND	ND 0.30								
Chloride	ND	1.5								
Nitrogen, Nitrate (As N)	ND	0.30								
Sulfate	ND	1.5								
Sample ID LCS-21182	SampT	Type: LC	:S	TestCode: EPA Method 300.0: Anions					· · · · · · · · · · · · · · · · · · ·	
Client ID: LCSS	Batcl	Batch ID: 21182			RunNo: 28712					
Prep Date: 9/8/2015	Analysis D	Analysis Date: 9/8/2015			SeqNo: 870260			(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Fluoride	1.5	0.30	1.500	0	99.4	90	110			
Chloride	14	1.5	15.00	0	94.8	90	110			
Nitrogen, Nitrate (As N)	7.5	0.30	7.500	0	<b>99</b> .5	90	110			
Sulfate	29	15	30.00	0	96.7	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

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WO#: 1508D48

05-0ct-15

**WO**#: 1508D48

05-0ct-15

Client:	C&C L	andfarm									
Project:	C & C	Landfarm									
Sample ID	MB-21151	SampType: MBLK TestCode: EPA Method 418.1: TPH									
Client ID:	PBS	Batch	ID: 21	151	RunNo: 28697						
Prep Date:	9/4/2015	Analysis Da	nte: 9/	8/2015	5	SeqNo: 8	69534	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	trocarbons, TR	ND	20								
Sample ID	LCS-21151	SampTy	pe: LC	S	TestCode: EPA Method 418.1: TPH						
Client (D:	LCSS	Batch	ID: 21	151	RunNo: 28697						
Prep Date:	9/4/2015	Analysis Da	Analysis Date: 9/8/2015 SeqNo: 869535 Units: mg/Kg								
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Petroleum Hyd	trocarbons, TR	110	20	100.0	0	110	83.6	116			
Sample ID	LCSD-21151	SampTy	pe: LC	SD	Tes	tCode: El	PA Method	418.1: TPH			
Client ID:	LCSS02	Batch	ID: 21	151	F	RunNo: 2	8697				
Prep Date:	9/4/2015	Anatysis Da	ate: 9/	8/2015	5	SeqNo: 8	69536	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	trocarbons, TR	110	20	100.0	0	113	83.6	116	2.49	20	

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
- Ε Value above quantitation range
- J Analyte detected below quantitation limits
  - Sample pH Not In Range
- **Reporting Detection Limit**

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Р RL
Project:         C & C Landfarm           Sample ID         MB-21104         Samp Type:         MBL/         TestCode:         EPA Method         S082:         PCB's           Prep Date:         9/2/2015         Batch         ID:         21104         RunNo:         2868041         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Ancotr 1221         ND         0.020         Arcei         160.020         Arcei         17.4         HighLimit         % RPD         ND         0.020           Arcotr 1280         ND         0.020         38.0         17.4         148         IC         Secondary         IC         Secondary         IC         Secondary         IC         Secondary         ISS
Sample ID         MB-21104         SampType:         MBLK         TestCode:         EPA Method         8062:         PCB's           Client ID:         PBS         Batch ID:         21104         RunNo:         28660           Prep Date:         9/22015         Analysis Date:         9/4/2015         SeqNo:         968041         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK value         SeqNo:         968041         Units:         mg/Kg           Aradyte         Result         PQL         SPK value         SPK value         SeqNo:         968041         Units:         mg/Kg           Aradyte         Result         PQL         SPK value         SPK value         SeqNo:         968041         Units:         mg/Kg           Arador 1221         ND         0.020         Aracior 1232         ND         0.020         Aracior 1232         ND         0.020         Aracior 1242         ND         0.020         Aracior 1260         ND         0.020         Surr. Decachiorobiphenyl         0.029         0.06250         38.0         17.4         148         TestCode:         EPA Method         9082: PCB's         Client ID:         LCSS         Batch ID:         21104
Client ID:         PBS         Batch ID:         21104         RunNo:         28960           Prep Date:         9/2/2015         Analysis Date:         9/4/2015         Seq No:         888041         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Arodor 1016         ND         0.020                      Qual                         %RPD         RPDLimit         Qual
Prep Date:         9/2/2015         Analysis Date:         9/4/2015         SeqNo:         9688041         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Arodor 1016         ND         0.020                Qual           Arodor 1221         ND         0.020
Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Arodor 1016         ND         0.020         Arodor 1221         ND         0.020         Arodor 1232         ND         0.020           Arodor 1242         ND         0.020         Arodor 1248         ND         0.020         Arodor 1248         ND         0.020           Arodor 1248         ND         0.020         Arodor 1260         ND         0.020         Arodor 1260         ND         0.020           Arodor 1260         ND         0.020         Arodor 1260         ND         0.020         Arodor 1260         ND         0.020           Surr: Tetrachloro-m-xylene         0.024         0.06250         46.8         25.2         134         Image: ND         Image: ND
Arodor 1016       ND       0.020         Arodor 1221       ND       0.020         Arodor 1232       ND       0.020         Arodor 1242       ND       0.020         Arodor 1248       ND       0.020         Arodor 1254       ND       0.020         Arodor 1260       ND       0.020         Arodor 1260       ND       0.020         Arodor 1260       ND       0.020         Surr: Decachlorobiphenyl       0.029       0.06250       46.8       25.2       134         Surr: Tetrachloro-m-xylene       0.024       0.06250       38.0       17.4       148         Sample ID LCS-21104       SampType: LCS       TestCode: EPA Method 8082: PCB's       Ellent ID:       LCSS       Batch ID: 21104       RunNo: 28660         Prep Date:       9/2/2015       Analysis Date:       9/4/2015       SeqNo: 868042       Units: mg/Kg         Arodor 1016       0.050       0.020       0.1250       0       40.4       17.3       119         Arodor 1260       0.074       0.020       0.1250       0       59.6       10.7       139         Surr: Decachlorobiphenyl       0.036       0.06250       56.8       25.2       134
Arador 1221       ND       0.020         Arodor 1232       ND       0.020         Arodor 1242       ND       0.020         Arodor 1248       ND       0.020         Arodor 1254       ND       0.020         Arodor 1260       ND       0.020         Surr: Decachlorobiphenyl       0.029       0.06250       46.8       25.2       134         Surr: Tetrachloro-m-xytene       0.024       0.06250       38.0       17.4       148         Sample ID LCS-21104       Sampt LCS       TestCode: EPA Method 8982: PCB's         Client ID:       LCSS       Batch ID:       21104       RunNo:       28660         Prep Date:       9/2/2015       Set No:       88942       Units: mg/Kg         Arodor 1260       0.020       0.1250       0       40.4       17.3       119         Arodor 1260       0.074       0.020       0.1250       0       40.4       17.3       119         Arodor 1260       0.074       0.020       0.1250       0       56.6       10.7       139         Sur: Decachlorobiphenyl       0.036       0.06250       56.8       25.2       134       148
Arador 1232       ND       0.020         Arador 1242       ND       0.020         Arador 1248       ND       0.020         Arador 1254       ND       0.020         Arador 1260       ND       0.020         Surr. Decachlorobiphenyl       0.029       0.06250       46.8       25.2       134         Surr. Tetrachlorom-xylene       0.024       0.06250       38.0       17.4       148         Sample ID LCS-21104       SampType: LCS       TestCode: EPA Method 8082: PCB's         Client ID:       LCSS       Batch ID: 21104       RunNo: 28660         Prep Date:       9/2/2015       Analysis Date:       9/4/2015       SeqNo: 968042       Units: mg/Kg         Arador 1016       0.050       0.020       0.1250       0       40.4       17.3       119         Arodor 1260       0.074       0.020       0.1250       0       40.4       17.3       119         Arodor 1260       0.074       0.020       0.1250       0       56.8       25.2       134         Surr. Decachlorobiphenyl       0.036       0.06250       56.8       25.2       134       119
Arodor 1242       ND       0.020         Arodor 1248       ND       0.020         Arodor 1254       ND       0.020         Arodor 1260       ND       0.020         Surr. Decachlorobiphenyl       0.029       0.06250       46.8       25.2       134         Surr. Tetrachloro-m-xylene       0.024       0.06250       38.0       17.4       148         Sample ID LCS-21104       SampType: LCS       TestCode: EPA Method 8082: PCB's         Client ID:       LCSS       Batch ID:       21104       RunNo:       28660         Prep Date:       9/2/2015       Analysis Date:       9/4/2015       SeqNo:       868042       Units: mg/Kg         Arodor 1260       0.050       0.020       0.1250       0       40.4       17.3       119         Arodor 1260       0.074       0.020       0.1250       0       40.4       17.3       119         Arodor 1260       0.074       0.020       0.1250       0       59.6       10.7       139         Sur: Decachlorobiphenyl       0.036       0.06250       56.8       25.2       134       148
Aroclor 1248       ND       0.020         Aroclor 1254       ND       0.020         Aroclor 1260       ND       0.029         Surr: Decachlorobiphenyl       0.029       0.06250         Surr: Tetrachloro-m-xylene       0.024       0.06250         Sample ID LCS-21104       SampType: LCS       TestCode: EPA Method 8082: PCB's         Client ID:       LCSS       Batch ID:       21104         RunNo:       2868042       Units: mg/Kg         Prep Date:       9/2/2015       Analysis Date:       9/4/2015       Seq No:       868042       Units: mg/Kg         Aroclor 1016       0.050       0.020       0.1250       0       40.4       17.3       119         Aroclor 1260       0.074       0.020       0.1250       0       40.4       17.3       119         Surr: Decachlorobiphenyl       0.036       0.06250       56.8       25.2       134       148
Aroclor 1254       ND       0.020         Aroclor 1260       ND       0.029       0.06250       46.8       25.2       134         Surr: Decachlorobiphenyl       0.029       0.06250       38.0       17.4       148         Sample ID_LCS-21104       SampType: LCS       TestCode: EPA Method 8082: PCB's       EVENT       Client ID: LCSS       Batch ID: 21104       RunNo: 28660         Prep Date:       9/2/2015       Analysis Date:       9/4/2015       SeqNo: 868042       Units: mg/Kg         Analyte       Result       PQL       SPK rel/u       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Aroclor 1260       0.074       0.020       0.1250       0       40.4       17.3       119         Aroclor 1260       0.074       0.020       0.1250       0       59.6       10.7       139         Surr: Decachlorobiphenyl       0.036       0.06250       56.8       25.2       134       148
Aroclor 1260       ND       0.020         Surr. Decachlorobiphenyl       0.029       0.06250       46.8       25.2       134         Surr. Tetrachloro-m-xylene       0.024       0.06250       38.0       17.4       148         Sample ID       LCS-21104       SampType:       LCS       TestCode:       EPA Method       8082:       PCB's         Client ID:       LCSS       Batch ID:       21104       RunNo:       28660         Prep Date:       9/2/2015       Analysis Date:       9/4/2015       SeqNo:       968942       Units:       mg/Kg         Analyte       Result       PQL       SPK value       SPK Ref Val       %REC       LowLimit       HighLimit       %RPD       RPDLimit       Qual         Aroclor 1016       0.050       0.020       0.1250       0       40.4       17.3       119         Surr. Decachlorobiphenyl       0.036       0.06250       56.8       25.2       134       148
Surr: Decachlorobiphenyl Surr: Tetrachloro-m-xylene         0.029         0.06250         46.8         25.2         134           Surr: Tetrachloro-m-xylene         0.024         0.06250         38.0         17.4         148           Sample ID         LCS-21104         SampType:         LCS         TestCode:         EPA Method         8082:         PCB's           Client ID:         LCSS         Batch ID:         21104         RunNo:         28660 <td< td=""></td<>
Surr: Tetrachloro-m-xylene         0.024         0.06250         38.0         17.4         148           Sample ID         LCS-21104         SampType:         LCS         TestCode:         EPA Method         8082:         PCB's           Client ID:         LCSS         Batch ID:         21104         RunNo:         28660         Units:         mg/Kg           Prep Date:         9/2/2015         Analysis Date:         9/4/2015         SeqNo:         868042         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Arockor 1016         0.050         0.020         0.1250         0         40.4         17.3         119           Surr: Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Surr: Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Sample ID         LCS-21104         SampType:         LCS         TestCode:         EPA         Method         8082:         PCB's           Client ID:         LCSS         Batch ID:         21104         RunNo:         28660           Prep Date:         9/2/2015         Analysis Date:         9/4/2015         SeqNo:         868042         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Arockor 1016         0.050         0.020         0.1250         0         40.4         17.3         119           Arockor 1260         0.074         0.020         0.1250         0         59.6         10.7         139           Surr: Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Surr: Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Client ID:         LCSS         Batch ID:         21104         RunNo:         28660           Prep Date:         9/2/2015         Analysis Date:         9/4/2015         SeqNo:         9689042         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         HighLimit         %RPD         RPDLimit         Qual           Arockor 1016         0.050         0.020         0.1250         0         40.4         17.3         119           Arockor 1260         0.074         0.020         0.1250         0         59.6         10.7         139           Surr: Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Surr: Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Prep Date:         9/2/2015         Analysis Date:         9/4/2015         SeqNo:         968942         Units:         mg/Kg           Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Arockor 1016         0.050         0.020         0.1250         0         40.4         17.3         119           Arockor 1260         0.074         0.020         0.1250         0         59.6         10.7         139           Sum:         Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Sum:         Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Analyte         Result         PQL         SPK value         SPK Ref Val         %REC         LowLimit         Hightig           Arockor 1016         0.050         0.020         0.1250         0         40.4         17.3         119           Arockor 1260         0.074         0.020         0.1250         0         59.6         10.7         139           Surr. Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Surr. Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Analyte         Result         PQL         SPK value         SPK Ref Val         % REC         LowLimit         HighLimit         % RPD         RPDLimit         Qual           Arockor 1016         0.050         0.020         0.1250         0         40.4         17.3         119           Arockor 1260         0.074         0.020         0.1250         0         59.6         10.7         139           Sum: Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Sum: Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Arocior 1016         0.050         0.020         0.1250         0         40.4         17.3         119           Arocior 1260         0.074         0.020         0.1250         0         59.6         10.7         139           Surr: Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Surr: Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Arocior 1250         0.074         0.020         0.1250         0         59.6         10.7         139           Surr: Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Surr: Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Surr. Decachlorobiphenyl         0.036         0.06250         56.8         25.2         134           Surr. Tetrachloro-m-xylene         0.028         0.06250         44.8         17.4         148
Sum Tetrachloro-m-xylene 0.028 0.06250 44.8 17.4 148
Sample ID 1508D48-001AMS SampType: MS TestCode: EPA Method 8082: PCB's
Client ID: Cell C-1 Batch ID: 21104 RunNo: 28660
Prep Date: 9/2/2015 Analysis Date: 9/4/2015 SeqNo: 868045 Units: mg/Kg
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Arodor 1016 0.056 0.020 0.1243 0 45.4 15.8 111
Aroclor 1260 0.083 0.020 0.1243 0 66.6 6.14 135
Surr: Decachlordbiphenyl 0.040 0.06216 64.8 25.2 134
Surr. Tetrachloro-m-xylene         0.030         0.06216         48.8         17.4         148
Sample ID 1508D48-001AMSD SampType: MSD TestCode: EPA Method 8082: PCB's
Client ID: Cell C-1 Batch ID: 21104 RunNo: 28660
Prep Date: 9/2/2015 Analysis Date: 9/4/2015 SeqNo: 868076 Units: mg/Kg
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Arodor 1016 0.062 0.020 0.1261 0 49.5 15.8 111 10.1 20
Arodor 1260 0.074 0.020 0.1261 0 58.5 6.14 135 11.5 32.8
Surr: Decachlorobiphenyl 0.047 0.06304 75.2 25.2 134 0 0
Surr: Tetrachloro-m-xylene         0.033         0.06304         52.4         17.4         148         0         0

### Qualifiers:

* Value exceeds Maximum Contaminant Level.

**QC SUMMARY REPORT** 

Hall Environmental Analysis Laboratory, Inc.

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

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P Sample pH Not In Range

RL Reporting Detection Limit

WO#: 1508D48

05-0a-15

WO#: 1508D48

05-0ct-15

**Client:** C&C Landfarm **Project:** C & C Landfarm Sample ID 1508d48-001ams TestCode: EPA Method 8260B: Volatiles SampType: MS RunNo: 28613 Client ID: Cell C-1 Batch ID: 21059 Prep Date: 8/31/2015 Analysis Date: 9/1/2015 SeqNo: 865693 Units: mg/Kg SPK value SPK Ref Val Result PQL %REC LowLimit HighLimit %RPD RPDLimit Qual Analyte 0.048 0.9569 113 70 130 Benzene 1.1 0 0.048 0.9569 0 106 65 138 Toluene 1.0 0.048 0.9569 0 129 72.6 149 1,1-Dichloroethene 1.2 Trichloroethene (TCE) 0.97 0.048 0.9569 0 101 62.4 139 Sur: Dibromofluoromethane 0.46 0.4785 96.2 70 130 0.48 0.4785 99.6 70 130 Surr: 1,2-Dichloroethane-d4 87.5 70 130 Surr: Toluene-d8 0.42 0.4785 Surr: 4-Bromofluorobenzene 0.47 0.4785 98.1 70 130 TestCode: EPA Method 8260B: Volatiles Sample ID 1508d48-001amsd SampType: MSD Client ID: Cell C-1 Batch ID: 21059 RunNo: 28613 Prep Date: 8/31/2015 Analysis Date: 9/1/2015 SeqNo: 865694 Units: mg/Kg %RPD **RPDLimit** SPK value SPK Ref Val %REC LowLimit HighLimit Qual Analyte Result PQL 0.048 0.9653 112 70 130 0.525 20 Benzene 1.1 0 1.0 0.048 0 103 65 138 1.99 20 0.9653 Toluene 125 20 0 72.6 149 2.65 0.048 0.9653 1.1-Dichloroethene 1.2 20 0.548 Trichloroethene (TCE) 0.97 0.048 0.9653 0 101 62.4 139 0 Surr: Dibromofluoromethane 0.48 0.4826 98.9 70 130 0 97.9 130 0 0 0.47 0.4826 70 Surr: 1,2-Dichloroethane-d4 0.43 0.4826 89.7 70 130 0 0 Surr: Toluene-d8 Sur: 4-Bromofluorobenzene 0.47 0.4826 96.8 70 130 0 0 Sample ID Ics-21059 SampType: LCS TestCode: EPA Method 8260B: Volatiles Batch ID: 21059 RunNo: 28613 Client ID: LCSS SeqNo: 865702 Analysis Date: 9/1/2015 Units: mg/Kg Prep Date: 8/31/2015 HighLimit %RPD Analyte Result PQL SPK value SPK Ref Val %REC LowLimit RPDLimit Qual 0.99 0.050 1.000 Ô 98.9 70 130 Benzene 0.050 1.000 0 87.3 70 130 0.87 Toluene 130 1,1-Dichloroethene 0.050 1.000 0 112 70 1.1 0.87 0.050 1.000 0 87.0 70 130 Trichloroethene (TCE) 0.49 0.5000 97.0 70 130 Surr: Dibromofluoromethane Surr: 1,2-Dichloroethane-d4 0.49 0.5000 98.5 70 130 87.8 70 130 Surr: Toluene-d8 0.44 0.5000 0.49 0.5000 98.3 70 130 Surr: 4-Bromofluorobenzene

#### Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
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- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
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- P Sample pH Not In Range
- RL Reporting Detection Limit

Client: C&C Landfarm

Project: C & C Landfarm

Sample ID mb-21059	SampT	VDe: ME	BLK	Tes	tCode: El	PA Method	8260B: Vola	tiles		
Client ID: PBS	Batcl	h ID 21	059	F	tunNo 2	R613				
	Annhuin F		4 100 4 15		anklas G	05709	l Imitas manific	·		
Prep Date: 8/31/2015	Analysis L		1/2015	-	eqno. a	65703	Units. mg/r	√ <b>g</b>		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
1,2-Dichloroethane (EDC)	ND	0.050								
1,2-Dibromoethane (EDB)	ND	0.050								
Carbon tetrachloride	ND	0.050								
Chloroform	ND	0.050								
1,1-Dichloroethane	ND	0.050								
1,1-Dichloroethene	ND	0.050								
Methylene chloride	ND	0.15								
1,1,2,2-Tetrachloroethane	ND	0.050								
Tetrachloroethene (PCE)	ND	0.050								
1,1,1-Trichloroethane	ND	0.050								
1,1,2-Trichloroethane	ND	0.050								
Trichloroethene (TCE)	ND	0.050								
Vinyl chloride	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: Dibromofluoromethane	0.49		0.5000		98.0	70	130			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.3	70	130			
Surr: Toluene-d8	0.44		0.5000		88.2	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.3	70	130			

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- E Value above quantitation range
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- P Sample pH Not In Range
- RL Reporting Detection Limit

WO#: 1508D48

0**5-**0ct-15

Client:	C&C La	ndfarm										
Project:	C & C L	andfarm										
Sample ID	MB-21106	Samp	Гуре: МЕ	BLK	Tea	tCode: El	PA Method	8310: PAHs				-
Client ID:	PBS	Batc	h ID: 21	106	F	RunNo: 2	8675					
Prep Date:	9/2/2015	Analysis [	Date: 9/	8/2015	5	SeqNo: 8	68601	Units: mg/l	٩g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Naphthalene		ND	0.25									
1-Methylnapht	halene	ND	0.25									
2-Methylnapht	halene	ND	0.25									
Benzo(a)pyren	e	ND	0.010									
Surr: Benzo	(e)pyrene	0.25		0.5000		50.6	24.5	139				
Sample ID	LCS-21106	Samp	Type: LC	S	Tes	tCode: El	PA Method	8310: PAHs				
Client ID:	LCSS	Batc	h ID: 21	106	F	RunNo: 2	8675					
Prep Date:	9/2/2015	Analysis [	Date: 9/	8/2015	5	SeqNo: 8	68602	Units: mg/h	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai	
Naphthalene		1.1	0.25	2.000	0	56.1	33.7	117				
1-Methylnaphti	halene	1.1	0.25	2.000	0	56.8	32	119				
2-Methylnaphtl	halene	1.1	0.25	2.000	0	55.5	31.8	118				
Benzo(a)pyren	e	ND	0.010	0.01250	0	50.0	40	115				
Surr: Benzo	(e)pyrene	0.17		0.5000		34.7	24.5	139				
Sample ID	1508D48-002AM	S Samp	Type: MS	5	Tes	tCode: El	PA Method	8310: PAHs				
Client ID:	Cell C-2	Batc	h ID: 21	106	F	RunNo: 2	8675					
Prep Date:	9/2/2015	Analysis [	Date: 9/	8/2015	5	SeqNo: 8	69294	Units: mg/h	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Naphthalene		1.6	0.25	2.005	0	78.0	14.7	128				
1-Methylnaphth	halene	1.6	0.25	2.005	0	80.3	31.1	125				
2-Methylnaphth	halene	1.6	0.25	2.005	0	78.7	24.7	119				
Benzo(a)pyren	e	ND	0.010	0.01253	0	76.0	27.7	134				
Surr: Benzo	(e)pyrene	0.25		0.5013		<b>50</b> .5	24.5	139				
Sample ID	1508D48-002AMS	SD Samp1	Type: MS	D	Tes	tCode: El	PA Method	8310: PAHs				٦
Client ID:	Cell C-2	Batc	h ID: 21	106	F	RunNo: 21	B675					
Prep Date:	9/2/2015	Analysis [	Date: 9/	B/2015	S	SeqNo: 81	69304	Units: mg/h	(g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Naphthalene		1.7	0.25	1.991	0	83.7	14.7	128	6.29	29.3		_
1-Methylnaphth	halene	1.7	0.25	1.991	0	86.5	31.1	125	6.70	20		
2-Methylnaphth	halene	1.7	0.25	1.991	0	84.3	24.7	119	6.23	20		
Benzo(a)pyren	e	0.010	0.010	0.01244	0	82.0	27.7	134	6.90	28.3		
Surr: Benzo(	(e)pyrene	0.27		0.4978		54.0	24.5	139	0	20		

#### Qualifiers:

* Value exceeds Maximum Contaminant Level.

**QC SUMMARY REPORT** 

Hall Environmental Analysis Laboratory, Inc.

- D Sample Diluted Due to Matrix
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- J Analyte detected below quantitation limits
- Page 15 of 19

- P Sample pH Not In Range
- RL Reporting Detection Limit

WO#: 1508D48

05-Oct-15

QC SUMMARY REPORT	
Hall Environmental Analysis Laboratory,	Inc.

**WO#**: 1508D48

05-0ct-15

Client:	C&C Lan	dfarm									
Project:	C & C La	ndfarm									
Sample ID	MB-21212	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	7471: Mercu	ry		
Client ID:	PBS	Batch	n ID: 21	212	F	tunNo: 21	8752				
Prep Date:	9/9/2015	Analysis D	)ate: 9/	10/2015	s	eqNo: 8	71858	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury		ND	0.033								
Sample ID	LCS-21212	SampT	ype: LC	s	Tes	tCode: El	PA Method	7471: Mercu	ry		
Client ID:	LCSS	Batch	n ID: 21	212	F	tunNo: 21	8752				
Prep Date:	9/9/2015	Analysis D	)ate: 9/	10/2015	5	eqNo: 87	71859	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury		0.17	0.033	0.1667	0	101	80	120			
Sample ID	1508D48-002AMS	SampT	ype: MS	5	Tes	tCode: El	PA Method	7471: Mercu	ry		
Client ID:	Cell C-2	Batch	n ID: 21	212	F	≀unNo: 26	8752				
Prep Date:	9/9/2015	Analysis D	)ate: 9/	10/2015	S	eqNo: 8	7 1863	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Mercury		0.17	0.031	0.1547	0	107	75	125			
Sample ID	1508D48-002AMS	D SampT	ype: MS	SD.	Tes	tCode: El	PA Method	7471: Mercu	ry		
Client ID:	Cell C-2	Batch	h ID: 21	212	F	≀unNo: 2	8752				
Prep Date:	9/9/2015	Analysis D	)ate: 9/	10/2015	5	eqNo: 8	71864	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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- Analyte detected in the associated Method Blank В
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- Analyte detected below quantitation limits J

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- Р Sample pH Not In Range
- RL **Reporting Detection Limit**

Client:C&C LandfarmProject:C & C Landfarm

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Sample ID	MB-21136	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	6010B: Soil I	Vetals		
Client ID:	PBS	Batch	n ID: 21	136	F	RunNo: 2	8668				
Prep Date:	9/3/2015	Analysis D	ate: 9/	4/2015	5	SeqNo: 8	68255	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic		ND	2.5								
Barium		ND	0.10								
Cadmium		ND	0.10								
Calcium		ND	25								
Chromium		ND	0.30								
Copper		ND	0.30								
Iron		ND	2.5								
Lead		ND	0.25								
Magnesium		ND	25								
Manganese		ND	0.10								
Potassium		ND	50								
Selenium		ND	2.5								
Silver		ND	0.25								
Sodium		ND	25								
Uranium		ND	5.0								
Zinc		ND	25								
			2.0								
Sample ID	LCS-21136	SampT	ype: LC	S	Tes	tCode: E	PA Method	6010B: Soil I	Vetals		
Sample ID Client ID:	LCS-21136 LCSS	SampT Batch	ype: LC 1 ID: 21	S 136	Tes	tCode: El RunNo: 2	PA Method 8668	6010B: Soil I	Vetals		
Sample ID Client ID: Prep Date:	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D	ÿpe:LC n ID:21 Pate:9/	S 136 4/2015	Tes F S	tCode: El RunNo: 2 SeqNo: 8	PA Method 8668 68256	6010B: Soil I Units: mg/K	Metals ² 9		
Sample ID Client ID: Prep Date: Analyte	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result	ype: LC n ID: 21 Pate: 9/ PQL	S 136 4/2015 SPK value	Tes F SPK Ref Val	tCode: El RunNo: 2 SeqNo: 8 %REC	PA Method 8668 68256 LowLimit	6010B: Soil I Units: mg/M HighLimit	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25	ype: LC n ID: 21 Pate: 9/ PQL 2.5	S 136 4/2015 SPK value 25.00	Tes F SPK Ref Val 0	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2	PA Method 8668 68256 LowLimit 80	6010B: Soil I Units: mg/K HighLimit 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25	ype: LC n ID: 21 Pate: 9/ PQL 2.5 0.10	S 136 4/2015 SPK value 25.00 25.00	Tes F S SPK Ref Val O O	tCode: E RunNo: 2 SeqNo: 8 %REC 99.2 101	PA Method 8668 88256 LowLimit 80 80	6010B: Soil I Units: mg/K HighLimit 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25	ype: LC n ID: 21 pate: 9/ PQL 2.5 0.10 0.10	S 138 4/2015 SPK value 25.00 25.00 25.00	Tes F SPK Ref Val 0 0 0	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8	PA Method 8668 68256 LowLimit 80 80 80	60 10B: Soil I Units: mg/H HighLimit 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 25 2600	ype: LC n ID: 21 Pate: 9/ 2.5 0.10 0.10 25	S 138 4/2015 SPK value 25.00 25.00 25.00 25.00 25.00	Tes F SPK Ref Val 0 0 0 0 0	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104	PA Method 8668 68256 LowLimit 80 80 80 80 80	6010B: Soil I Units: mg/M HighLimit 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Calcium Chromium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25	ype: LC p ID: 21 vate: 9/ PQL 2.5 0.10 0.10 25 0.30	S 138 4/2015 SPK value 25.00 25.00 25.00 25.00 25.00	Tes F SPK Ref Val 0 0 0 0 0 0	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100	PA Method 8668 68256 LowLimit 80 80 80 80 80 80	6010B: Soil I Units: mg/K HighLimit 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Calcium Chromium Copper	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 2600 25 27	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 25 0.30 0.30	S 136 4/2015 25.00 25.00 25.00 25.00 25.00 25.00 25.00	Tes F SPK Ref Val 0 0 0 0 0 0 0	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108	PA Method 8668 68256 LowLimit 80 80 80 80 80 80 80 80	6010B: Soil I Units: mg/K HighLimit 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Calcium Chromium Copper Iron	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 2600 25 27 27 27	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 25 0.30 0.30 0.30 2.5	S 136 4/2015 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	Tes F SPK Ref Val 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108 109	PA Method 8668 68256 LowLimit 80 80 80 80 80 80 80 80 80	6010B: Soil I Units: mg/K HighLimit 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Calcium Chromium Copper Iron Lead	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 27 27 27 27 25	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 25 0.30 0.30 2.5 0.25	S 136 4/2015 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	Tes F SPK Ref Val 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108 109 98.4	PA Method 8668 68256 LowLimit 80 80 80 80 80 80 80 80 80 80	60 10B: Soil I Units: mg/K HighLimit 120 120 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Quai
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Calcium Chromium Copper Iron Lead Magnesium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 2600 25 27 27 27 27 25 2600	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 0.30 0.30 0.30 2.5 0.25 0.25 25	S 136 4/2015 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	Tes F SPK Ref Val 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108 109 98.4 102	PA Method 8668 68256 LowLimit 80 80 80 80 80 80 80 80 80 80 80 80	60 10B: Soil I Units: mg/K HighLimit 120 120 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Arsenic Barium Cadmium Cadmium Cadmium Calcium Chromium Copper Iron Lead Magnesium Manganese	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 27 27 27 25 2600 25 2600 25	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 2.5 0.30 0.30 2.5 0.25 2.5 0.25 2.5 0.10	S 136 4/2015 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	Tes 5 5 5 5 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108 109 98.4 102 99.3	PA Method 8668 68256 LowLimit 80 80 80 80 80 80 80 80 80 80 80 80 80	60 10B: Soil I Units: mg/K HighLimit 120 120 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Cadmium Calcium Chromium Copper Iron Lead Magnesium Manganese Potassium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 27 27 27 27 25 2600 25 2600 25 2600 25 2600 25 2600	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 25 0.30 0.30 2.5 0.25 25 0.10 50	\$ 138 4/2015 SPK value 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.	Tes 5 5 5 5 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108 109 98.4 102 99.3 95.1	PA Method 8668 88256 LowLimit 80 80 80 80 80 80 80 80 80 80 80 80 80	60 10B: Soil I Units: mg/K HighLimit 120 120 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Calcium Chromium Calcium Chromium Copper Iron Lead Magnesium Manganese Potassium Selenium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 27 27 27 25 2600 25 2600 25 2600 25 2600 25 2400 23	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 2.5 0.30 0.30 2.5 0.25 2.5 0.10 50 2.5	\$ 136 4/2015 SPK value 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.	Tes 5 5 5 5 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7	tCode: El RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108 109 98.4 102 99.3 95.1 92.1	PA Method 8668 88256 LowLimit 80 80 80 80 80 80 80 80 80 80 80 80 80	60 10B: Soil I Units: mg/K HighLimit 120 120 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Cadmium Calcium Chromium Calcium Chromium Capper Iron Lead Magnesium Manganese Potassium Selenium Silver	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 27 27 27 25 2600 25 2600 25 2400 23 5.0	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 25 0.30 0.30 0.30 0.30 0.30 0.25 0.25 0.10 50 2.5 0.25 0.25 0.25	\$ 138 4/2015 SPK value 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.	Tes 5 5PK Ref Val 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tCode: E RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108 109 98.4 102 99.3 95.1 92.1 101	PA Method 8668 68256 LowLimit 80 80 80 80 80 80 80 80 80 80 80 80 80	60 10B: Soil I Units: mg/H HighLimit 120 120 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Cadmium Calcium Chromium Calcium Chromium Copper Iron Lead Magnesium Manganese Potassium Selenium Silver Sodium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 27 27 27 25 2600 25 2600 25 2400 23 5.0 2500	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 25 0.30 0.30 0.30 0.30 0.25 0.25 0.25 0.10 50 2.5 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.55 0.55 0.55 00 0.55 0.55	\$ 136 4/2015 SPK value 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.	Tes 5 5PK Ref Val 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tCode: E RunNo: 2 SeqNo: 8 %REC 99.2 101 99.8 104 100 108 109 98.4 102 99.3 95.1 92.1 101 102	PA Method 8668 68256 LowLimit 80 80 80 80 80 80 80 80 80 80 80 80 80	60 10B: Soil I Units: mg/H HighLimit 120 120 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual
Sample ID Client ID: Prep Date: Analyte Arsenic Barium Cadmium Cadmium Cadmium Calcium Chromium Copper Iron Lead Magnesium Manganese Potassium Selenium Silver Sodium Uranium	LCS-21136 LCSS 9/3/2015	SampT Batch Analysis D Result 25 25 25 2600 25 27 27 27 25 2600 25 2400 23 5.0 2500 25 2400 23 5.0 2500 26	ype: LC p ID: 21 pate: 9/ PQL 2.5 0.10 0.10 25 0.30 0.30 0.30 0.30 2.5 0.25 2.5 0.10 50 2.5 0.25 2.5 0.25 5.0	S 138 4/2015 SPK value 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.	Tes 5 5PK Ref Val 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	tCode: E RunNo: 2 SeqNo: 8 99.2 101 99.8 104 100 108 109 98.4 102 99.3 95.1 92.1 101 102 104	PA Method 8668 68256 LowLimit 80 80 80 80 80 80 80 80 80 80 80 80 80	60 10B: Soil I Units: mg/H HighLimit 120 120 120 120 120 120 120 120 120 120	Metals 9 %RPD	RPDLimit	Qual

### 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 17 of 19

P Sample pH Not In Range

RL Reporting Detection Limit

WO#: 1508D48

05-0ct-15

Client:C&C LandfarmProject:C & C Landfarm

Sample ID 1508D48-002AMS	SampT	SampType: MS TestCode: EPA Method 6010B: Soil Metals								
Client ID: Cell C-2	Batch	n ID: 211	36	F	RunNo: 2					
Prep Date: 9/3/2015	Analysis D	)ate: 9/4	/2015	s	SeqNo: 8	68261	Units: mg/h	۶g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	23	2.4	24.37	0	96.0	75	125			
Barium	39	0.097	24.37	13.32	107	75	125			
Cadmium	23	0.097	24.37	0	94.7	75	125			
Calcium	3400	24	2437	999.9	98.1	75	125			
Chromium	26	0.29	24.37	2.485	96.8	75	125			
Copper	26	0.29	24.37	0.6565	103	75	125			
Lead	24	0.24	24.37	1.490	91.2	75	125			
Magnesium	2800	24	2437	401.4	98.1	75	125			
Manganese	48	0.097	24.37	24.44	94.7	75	125			
Potassium	2900	49	2437	541.7	96.6	75	125			
Selenium	21	2.4	24.37	0	86.3	75	125			
Silver	4.6	0.24	4.875	0	94.4	75	125			
Sodium	2300	24	2437	7.428	93.9	75	125			
Uranium	24	4.9	24.37	0	97.5	75	125			
Zinc	30	2.4	24.37	6.107	96.6	75	125			
Sample ID 1508D48-002AMSE	) SamoT	VDE: MS	D	Tes	tCode: El	PA Method	6010B: Soil	Metals		

Sample ID	1300D40-002AWI3L	Jampi	ype. ma		100	Testode. EFA Method of tob. Son metals						
Client ID:	Cell C-2	Batch	1D: 21	136	F	RunNo: 2	8668					
Prep Date:	9/3/2015	Analysis D	ate: 9/	4/2015	S	SeqNo: 8	68262	Units: mg/	Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Arsenic		23	2.4	23.84	0	97.4	75	125	0.757	20		
Barium		38	0.095	23.84	13.32	104	75	125	2.77	20		
Cadmium		23	0.095	23.84	0	96.3	75	125	0.524	20		
Calcium		3300	24	2384	999.9	97.7	75	125	1.87	20		
Chromium		26	0.29	23.84	2.485	96.8	75	125	1.98	20		
Copper		25	0.29	23.84	0.6565	103	75	125	1.93	20		
Lead		23	0.24	23.84	1.490	91.8	75	125	1.42	20		
Magnesium		2800	24	2384	401.4	99.6	75	125	0.529	20		
Manganese		46	0.095	23.84	24.44	92.1	75	125	2.38	20		
Potassium		2900	48	2384	541.7	97.5	75	125	1.03	20		
Selenium		21	2.4	23.84	0	88.2	75	125	0.0505	20		
Silver		3.8	0.24	4.769	0	80.7	75	125	17.8	20		
Sodium		2300	24	2384	7.428	96.0	75	125	0.000703	20		
Uranium		23	4.8	23.84	0	97.7	75	125	2.02	20		
Zinc		29	2.4	23.84	6.107	96.7	75	125	1.67	20		

### 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 18 of 19

- P Sample pH Not In Range
- RL Reporting Detection Limit

WO#: 1508D48

05-0a-15

Client:C&C LandfarmProject:C & C Landfarm

Sample ID	1508D48-002ADUP	SampType	DUP	Test	Code:	SM4500-H+B	: pH			
Client ID:	Cell C-2	Batch ID:	R28642	R	unNo:	28642				
Prep Date:		Analysis Date:	9/3/2015	S	eqNo:	867020	Units: pH U	nits		
Analyte		Result P	QL SPK value	SPK Ref Val	%REC	C LowLimit	HighLimit	%RPD	RPDLimit	Qual
pН		8.03	.68							

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

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WO#: 1508D48

05-0ct-15

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	HALL
	ENVIRONMENTAL
	ANALYSIS
	LABORATORY

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

# Sample Log-In Check List

Client Name. C&C LANDFARM	Work Order Numbe	er 15080	048		RcptNo	1
AD	Della-1	( ⁻				
Received by/date:	0 0 9 4 1/1	>		h		
Logged By. Ashley Gallegos	8/27/2015 9:15:00 A	N.		<del>-</del>		
Completed By Ashloy Gallegos	8/31/2015 9:34:49 AI	N.		A		
Reviewed By	08/31/15			-		
Chain of Custody	- 1 1					
1, Custody seals intact on sample bottles	?	Yes		No	Not Present	
2. Is Chain of Custody complete?		Yes	Y	No	Not Present	
3. How was the sample delivered?		<u>Cour</u>	19			
Log In						
4. Was an attempt made to cool the same	ples?	Yes	•	No	NA	
5. Were all samples received at a temper	ature of >C°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	Y	No		
8. Are samples (except VOA and ONG) p	roperly preserved?	Yes	X	No		
9 Was preservative added to bottles?		Yes	- 4	No 🗹	NA	
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?	()	Yes	Y	NO	югрн: (<2	or >12 unless not
13 Are malness correctly identified on Cha	un of Custody?	Yes	V	No	Adjusted?	
14. Is it clear what analyses were requeste	d?	Yes	V	No		
15. Were all holding times able to be met? (If no, notify customer for authorization	)	Yes	V	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	eM	Hil	Phone Fax	In Person	
Regarding:						
Client Instructions:				9-99,	nagen (generalise) en	
17. Additional remarks						

	THE TYPE					
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	50	Good	Yes			

		www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	20*) 20*) 150)		нд		Rethold (199156 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166) (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166 (199166) (199166 (199166 (199166) (199166 (199166) (199166 (199166) (199166) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (1991666) (19916666) (1991666) (1991666) (1991666) (1991666) (				V[v] V[v] V[v] V[v] V[v] V[v] V[v] V[v]					marks: 5 g. T.t. Part AVB 20.1.2313	Sean of Bleaconnel	
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Chain-of-Custody Record	Client C+C Land from	<u>e</u>	Mailing Address: Rox 55	MONIUMONT NM 39265 P	Phone #: 575, 390. 2454	email or Fax#: Sacry 24 @ leave . Net PI	QA/QC Package: Standard   Level 4 (Full Validation)	Accreditation S.	EDD (Type)     S	Date Time Matrix Samula Radillest ID		3)25 8:45 Soil Call C-1	125 9:50 Sig (128 C- 3	25 10:40 50.1 600 C- 3	125 12:00 Sil C.00 C - 4				Date: Time: Relinquished by: 9/20 Pr.45 Solution Land	Date: Time: Relinquished by:	

If necessary, samples submitted to Hall Environmental may be subconfracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

24 Anal Environmental.com Anal YSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107	202 202 202 202 201 201 201 201 202 202			Remarks: Remarks:
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C	Client:			Mailing		Phone	email o	QA/QC □ Stan	Accred			Date						,	۷.				Date:	Date:	

