NM1 - <u>12</u>

MONITORING REPORT

YEAR(S):

2017-2018

C & C LANDFARM BOX 55 MONUMENT, NM 88265

RECEIVED OCD

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 September 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 Vadose Zone sampling as required. Samples were taken at a depth of 3 to 5 ft. and sample holes backfilled with red-clay.

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

The treatment zone results have been put in the file.

Should you have any questions, please let me know.

Thanks,

Lade

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>

September 11, 2017

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

RE: C and C Landfarm NM01-012

OrderNo.: 1708H01

Dear Jim Cooper:

Hall Environmental Analysis Laboratory received 52 sample(s) on 8/30/2017 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 qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell A-1V							
Project: C and C Landfarm NM01-012		Collection Date: 8/27/2017 6:30:00 AM						
Lab ID: 1708H01-001	Matrix:	SOIL	Received	Received Date: 8/30/2017 9:50:00 AM				
Analyses	Result	PQL	Qual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.023	mg/Kg	1	9/1/2017 4:15:20 PM			
Toluene	ND	0.046	mg/Kg	1	9/1/2017 4:15:20 PM			
Ethylbenzene	ND	0.046	mg/Kg	1	9/1/2017 4:15:20 PM			
Xylenes, Total	ND	0.092	mg/Kg	1	9/1/2017 4:15:20 PM			
Surr: 4-Bromofluorobenzene	121	66.6-132	%Rec	1	9/1/2017 4:15:20 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	9/6/2017 2:00:52 AM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/5/2017			

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
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % 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 1 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Analyst: MAB

9/5/2017

1

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell A-2V Collection Date: 8/27/2017 7:00:00 AM C and C Landfarm NM01-012 **Project:** Received Date: 8/30/2017 9:50:00 AM Lab ID: 1708H01-002 Matrix: SOIL Result **POL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.025 ma/Ka 9/1/2017 4:39:20 PM Benzene 1 ND 0.049 mg/Kg 1 9/1/2017 4:39:20 PM Toluene 0.049 mg/Kg 9/1/2017 4:39:20 PM Ethylbenzene ND 1 9/1/2017 4:39:20 PM Xylenes, Total ND 0.099 mg/Kg 1 66.6-132 %Rec 9/1/2017 4:39:20 PM Surr: 4-Bromofluorobenzene 118 1 Analyst: MRA **EPA METHOD 300.0: ANIONS** 9/6/2017 2:38:06 AM 20 Chloride ND 30 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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 2 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell A-3V C and C Landfarm NM01-012 Collection Date: 8/27/2017 7:25:00 AM **Project:** 1708H01-003 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Lab ID: DF Result **PQL Qual Units Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.024 ma/Ka 9/1/2017 5:03:22 PM Benzene 1 Toluene ND 0.048 mg/Kg 1 9/1/2017 5:03:22 PM 0.048 mg/Kg 9/1/2017 5:03:22 PM Ethylbenzene ND 1 Xylenes, Total ND 0.096 mg/Kg 1 9/1/2017 5:03:22 PM 66.6-132 %Rec 9/1/2017 5:03:22 PM Surr: 4-Bromofluorobenzene 118 1 Analyst: MRA EPA METHOD 300.0: ANIONS 9/6/2017 2:50:31 AM Chloride ND 30 mg/Kg 20 EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 19 mg/Kg 1 9/5/2017

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank В
- Ē Value above quantitation range
- Analyte detected below quantitation limits Page 3 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm		Client Sample ID: Cell A-4V							
Project: C and C Landfarm NM01-012		Collection Date: 8/27/2017 7:55:00 AM							
Lab ID: 1708H01-004	Matrix:	Matrix: SOIL			Received Date: 8/30/2017 9:50:00 AM				
Analyses	Result	PQL	Qual	Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES						Analyst: NSB			
Benzene	ND	0.025	5	mg/Kg	1	9/1/2017 5:27:17 PM			
Toluene	ND	0.050)	mg/Kg	1	9/1/2017 5:27:17 PM			
Ethylbenzene	ND	0.050)	mg/Kg	1	9/1/2017 5:27:17 PM			
Xylenes, Total	ND	0.10)	mg/Kg	1	9/1/2017 5:27:17 PM			
Surr: 4-Bromofluorobenzene	118	66.6-132	!	%Rec	1	9/1/2017 5:27:17 PM			
EPA METHOD 300.0: ANIONS						Analyst: MRA			
Chloride	ND	30)	mg/Kg	20	9/6/2017 3:02:56 AM			
EPA METHOD 418.1: TPH						Analyst: MAE			
Petroleum Hydrocarbons TR	ND	20	1	ma/Ka	1	9/5/2017			

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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % 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 4 of 59 J
- Sample pH Not In Range Р
- **Reporting Detection Limit** RL.
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 1708H01 Date Reported: 9/11/2017

Analyst: MAB

9/5/2017

CLIENT: C&C Landfarm Client Sample ID: Cell B-1V Collection Date: 8/27/2017 8:20:00 AM C and C Landfarm NM01-012 **Project:** Received Date: 8/30/2017 9:50:00 AM Lab ID: 1708H01-005 Matrix: SOIL Result **PQL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 1 9/1/2017 5:51:17 PM ND 0.046 Toluene mg/Kg 1 9/1/2017 5:51:17 PM ND mg/Kg 1 Ethylbenzene 0.046 9/1/2017 5:51:17 PM 0.091 mg/Kg 9/1/2017 5:51:17 PM Xylenes, Total ND 1 Surr: 4-Bromofluorobenzene 122 66.6-132 %Rec 1 9/1/2017 5:51:17 PM Analyst: MRA **EPA METHOD 300.0: ANIONS** 20 9/6/2017 3:40:10 AM Chloride ND 30 mg/Kg

19

mg/Kg

1

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
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- 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 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.

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Lab Order 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell B-2V							
Project: C and C Landfarm NM01-012	,	Collection Date: 8/27/2017 8:45:00 AM						
Lab ID: 1708H01-006	Matrix:	Matrix: SOIL		Received Date: 8/30/2017 9:50:00 AM				
Analyses	Result	PQL Qual	Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.024	mg/Kg	1	9/1/2017 7:50:47 PM			
Toluene	ND	0.049	mg/Kg	1	9/1/2017 7:50:47 PM			
Ethylbenzene	ND	0.049	mg/Kg	1	9/1/2017 7:50:47 PM			
Xyienes, Total	ND	0.098	mg/Kg	1	9/1/2017 7:50:47 PM			
Surr: 4-Bromofluorobenzene	117	66.6-132	%Rec	1	9/1/2017 7:50:47 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	9/6/2017 3:52:35 AM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	NÐ	20	mg/Kg	- 1	9/5/2017			

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
- PQL Practical Quanitative Limit
- 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 6 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 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm

Project: C and C Landfarm NM01-012 1700101 007

Client Sample ID: Cell B-3V Collection Date: 8/27/2017 9:15:00 AM Received Date: 8/30/2017 9:50:00 AM

Lab ID: 1708H01-007	Matrix:	SOIL	Received Date: 8/30/2017 9:50:00 AM			
Analyses	Result	PQL Q	aal Units	DF	Date Analyzed	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.023	mg/Kg	1	9/1/2017 8:14:42 PM	
Toluene	ND	0.046	mg/Kg	1	9/1/2017 8:14:42 PM	
Ethylbenzene	ND	0.046	mg/Kg	1	9/1/2017 8:14:42 PM	
Xylenes, Total	ND	0.093	mg/Kg	1	9/1/2017 8:14:42 PM	
Surr: 4-Bromofluorobenzene	122	66.6-132	%Rec	1	9/1/2017 8:14:42 PM	
EPA METHOD 300.0: ANIONS					Analyst: MRA	
Chloride	ND	30	mg/Kg	20	9/6/2017 4:05:00 AM	
EPA METHOD 418.1: TPH					Analyst: MAB	
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/5/2017	

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Ē Value above quantitation range
- Analyte detected below quantitation limits Page 7 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.

Analytical Report Lab Order 1708H01 Date Reported: 9/11/2017

Analyst: MAB

9/5/2017

Client Sample ID: Cell B-4V CLIENT: C&C Landfarm C and C Landfarm NM01-012 **Project:** Collection Date: 8/27/2017 9:45:00 AM Received Date: 8/30/2017 9:50:00 AM 1708H01-008 Matrix: SOIL Lab ID: DF Result **POL Qual Units Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.024 9/1/2017 8:38:33 PM Benzene mg/Kg 1 ND 0.048 mg/Kg 1 9/1/2017 8:38:33 PM Toluene ND 0.048 mg/Kg 9/1/2017 8:38:33 PM Ethylbenzene 1 Xylenes, Total ND 0.096 mg/Kg 1 9/1/2017 8:38:33 PM 66.6-132 %Rec 9/1/2017 8:38:33 PM Surr: 4-Bromofluorobenzene 118 1 Analyst: MRA **EPA METHOD 300.0: ANIONS** 20 9/6/2017 4:17:24 AM Chloride ND 30 mg/Kg

20

mg/Kg

1

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
 - J Analyte detected below quantitation limits Page 8 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.

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

Chloride

Lab Order 1708H01

9/1/2017 9:02:25 PM

9/6/2017 4:29:49 AM

9/5/2017

Analyst: MRA

Analyst: MAB

Date Reported: 9/11/2017

Client Sample ID: Cell C-1V CLIENT: C&C Landfarm C and C Landfarm NM01-012 Collection Date: 8/27/2017 10:20:00 AM **Project:** 1708H01-009 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Lab ID: Analyses Result **POL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.024 9/1/2017 9:02:25 PM Benzene mg/Kg 1 Toluene ND 0.048 mg/Kg 1 9/1/2017 9:02:25 PM Ethylbenzene ND 0.048 mg/Kg 1 9/1/2017 9:02:25 PM ND 0.096 mg/Kg 9/1/2017 9:02:25 PM Xylenes, Total 1

66.6-132

30

20

%Rec

mg/Kg

mg/Kg

1

20

1

114

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
- Practical Quanitative Limit PQL
- 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 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.

Lab Order 1708H01

Date Reported: 9/11/2017

Analyst: MAB

9/5/2017

Client Sample ID: Cell C-2V CLIENT: C&C Landfarm C and C Landfarm NM01-012 Collection Date: 8/27/2017 10:45:00 AM **Project:** 1708H01-010 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Lab ID: Result **PQL** Qual Units DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.025 ma/Ka 9/1/2017 9:26:19 PM Benzene 1 ND 0.049 mg/Kg 1 9/1/2017 9:26:19 PM Toluene 0.049 9/1/2017 9:26:19 PM Ethylbenzene ND mg/Kg 1 Xylenes, Total ND 0.098 mg/Kg 1 9/1/2017 9:26:19 PM 66.6-132 %Rec 9/1/2017 9:26:19 PM Surr: 4-Bromofluorobenzene 118 1 Analyst: MRA **EPA METHOD 300.0: ANIONS** Chloride ND 30 mg/Kg 20 9/6/2017 4:42:14 AM

20

mg/Kg

1

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits 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 1708H01 Date Reported: 9/11/2017

CLIENT:	: C&C Landfarm	Client Sample ID: Cell C-3V							
Project:	C and C Landfarm NM01-012		Collection Date: 8/27/2017 11:20:00 AM						
Lab ID: 1708H01-011 Analyses		Matrix: SOIL		Received I	Received Date: 8/30/2017 9:50:00 AM				
		Result	PQL Qua	l Units	DF	Date Analyzed			
EPA ME	THOD 8021B: VOLATILES					Analyst: NSB			
Benzena	9	ND	0.025	mg/Kg	1	9/1/2017 9:50:11 PM			
Toluene		ND	0.049	mg/Kg	1	9/1/2017 9:50:11 PM			
Ethylber	izene	ND	0.049	mg/Kg	1	9/1/2017 9:50:11 PM			
Xylenes,	, Total	ND	0.098	mg/Kg	1	9/1/2017 9:50:11 PM			
Sur:	4-Bromofluorobenzene	117	66.6-132	%Rec	1	9/1/2017 9:50:11 PM			
EPA ME	THOD 300.0: ANIONS					Analyst: MRA			
Chloride	•	ND	30	mg/Kg	20	9/6/2017 4:54:38 AM			
EPA ME	THOD 418.1: TPH		•			Analyst: MAB			
Petroleu	Im Hydrocarbons, TR	ND	20	mg/Kg	1	9/5/2017			

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
- PQL Practical Quanitative Limit
- 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
- Ρ Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Petroleum Hydrocarbons, TR

Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell C-4V Collection Date: 8/27/2017 11:50:00 AM C and C Landfarm NM01-012 **Project:** Lab ID: 1708H01-012 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Analyses Result **PQL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.025 9/1/2017 10:14:09 PM mg/Kg 1 Benzene Toluene ND 0.049 mg/Kg 1 9/1/2017 10:14:09 PM Ethvibenzene ND 0.049 ma/Ka 1 9/1/2017 10:14:09 PM mg/Kg ND 0.098 1 9/1/2017 10:14:09 PM Xylenes, Total %Rec 114 66.6-132 1 9/1/2017 10:14:09 PM Surr: 4-Bromofluorobenzene **EPA METHOD 300.0: ANIONS** Analyst: MRA 20 9/6/2017 11:27:28 AM Chloride ND 30 mg/Kg EPA METHOD 418.1: TPH Analyst: MAB

19

mg/Kg

1

9/5/2017

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
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- 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 12 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.

C and C Landfarm NM01-012

CLIENT: C&C Landfarm

Project:

Lab Order 1708H01 Date Reported: 9/11/2017

Client Sample ID: Cell D-1V Collection Date: 8/27/2017 12:15:00 PM 0/20/2017 0.50.00 434

Lab ID: 1708H01-013	Matrix: SOIL		Received D	Received Date: 8/30/2017 9:50:00 AM			
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.025	mg/Kg	1	9/1/2017 10:38:09 PM		
Toluene	ND	0.050	mg/Kg	1	9/1/2017 10:38:09 PM		
Ethylbenzene	ND	0.050	mg/Kg	1	9/1/2017 10:38:09 PM		
Xylenes, Total	ND	0.10	mg/Kg	1	9/1/2017 10:38:09 PM		
Surr: 4-Bromofluorobenzene	117	66.6-132	%Rec	1	9/1/2017 10:38:09 PM		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	ND	30	mg/Kg	20	9/6/2017 12:04:41 PM		
EPA METHOD 418.1: TPH					Analyst: MAB		
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/5/2017		

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
- PQL Practical Quanitative Limit
- % 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 13 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.

Date Reported: 9/11/2017

CLIENT: C&C Landfarm **Project:** C and C Landfarm NM01-012 1708H01-014

Lab ID:

Client Sample ID: Cell D-2V Collection Date: 8/27/2017 12:40:00 PM

Received Date: 8/30/2017 9:50:00 AM

Analyses	Result	PQL Q	ual Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	9/1/2017 11:02:05 PM
Toluene	ND	0.048	mg/Kg	1	9/1/2017 11:02:05 PM
Ethylbenzene	ND	0.048	mg/Kg	1	9/1/2017 11:02:05 PM
Xylenes, Total	ND	0.097	mg/Kg	1	9/1/2017 11:02:05 PM
Surr: 4-Bromofluorobenzene	115	66.6-132	%Rec	1	9/1/2017 11:02:05 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/6/2017 12:17:06 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/5/2017

Matrix: SOIL

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
- Holding times for preparation or analysis exceeded H
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % 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 14 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 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell D-3V							
Project: C and C Landfarm NM01-012		Collection Date: 8/27/2017 1:10:00 PM						
Lab ID: 1708H01-015	Matrix:	SOIL	Received D	Received Date: 8/30/2017 9:50:00 AM				
Analyses	Result	PQL (Jual Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.025	mg/Kg	1	9/1/2017 9:58:54 AM			
Toluene	ND	0.049	mg/Kg	1	9/1/2017 9:58:54 AM			
Ethylbenzene	ND	0.049	mg/Kg	1	9/1/2017 9:58:54 AM			
Xylenes, Total	ND	0.098	mg/Kg	1	9/1/2017 9:58:54 AM			
Surr: 4-Bromofluorobenzene	114	66.6-132	%Rec	1	9/1/2017 9:58:54 AM			
EPA METHOD 300.0: ANIONS					Analyst MRA			
Chloride	ND	30	mg/Kg	20	9/6/2017 12:29:30 PM			
EPA METHOD 418.1: TPH					Analyst: MAE			
Petroleum Hydrocarbons, TR	ND	19	ma/Ka	1	9/5/2017			

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
- PQL Practical Quanitative Limit
- 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 15 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 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell D-4V							
Project: C and C Landfarm NM01-012		Collection Date: 8/27/2017 1:30:00 PM						
Lab ID: 1708H01-016	Matrix:	Matrix: SOIL		Received Date: 8/30/2017 9:50:00 AM				
Analyses	Result	PQL Qu	al Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES	-				Analyst: NSB			
Benzene	ND	0.024	mg/Kg	1	9/1/2017 11:57:16 AM			
Toluene	ND	0.047	mg/Kg	1	9/1/2017 11:57:16 AM			
Ethylbenzene	ND	0.047	mg/Kg	1	9/1/2017 11:57:16 AM			
Xylenes, Total	ND	0.094	mg/Kg	1	9/1/2017 11:57:16 AM			
Surr: 4-Bromofluorobenzene	115	66.6-132	%Rec	1	9/1/2017 11:57:16 AM			
EPA METHOD 300.0: ANIONS	•				Analyst: MRA			
Chloride	ND	30	mg/Kg	20	9/6/2017 4:25:19 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/5/2017			

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits 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.

Date Reported: 9/11/2017

Analyst: MAB

9/5/2017

1

CLIENT: C&C Landfarm		Client Sample ID: Cell E-1V Collection Date: 8/27/2017 2:30:00 PM						
Project: C and C Landfarm NM01-012								
Lab ID: 1708H01-017	Matrix:	Matrix: SOIL		Received Date: 8/30/2017 9:50:00 AM				
Analyses	Result	PQL Qual	Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.024	mg/Kg	1	9/1/2017 12:20:53 PM			
Toluene	ND	0.048	mg/Kg	1	9/1/2017 12:20:53 PM			
Ethyibenzene	ND	0.048	mg/Kg	1	9/1/2017 12:20:53 PM			
Xylenes, Total	ND	0.096	mg/Kg	1	9/1/2017 12:20:53 PM			
Surr: 4-Bromofluorobenzene	115	66.6-132	%Rec	1	9/1/2017 12:20:53 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	9/6/2017 4:37:44 PM			

19

mg/Kg

ND

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

Qualifiers:

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EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

- 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
- PQL Practical Quanitative Limit
- % 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 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.

Date Reported: 9/11/2017

9/6/2017 1:31:34 PM

9/5/2017

Analyst: MAB

20

1

Client Sample ID: Cell E-2V CLIENT: C&C Landfarm Collection Date: 8/27/2017 2:55:00 PM C and C Landfarm NM01-012 **Project:** 1708H01-018 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Lab ID: Analyses Result **POL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 1 9/1/2017 12:44:34 PM Toluene ND 0.049 mg/Kg 1 9/1/2017 12:44:34 PM 0.049 mg/Kg 9/1/2017 12:44:34 PM Ethylbenzene ND 1 ND 0.097 mg/Kg 9/1/2017 12:44:34 PM Xylenes, Total 1 66.6-132 %Rec 9/1/2017 12:44:34 PM 115 1 Surr: 4-Bromofluorobenzene **EPA METHOD 300.0: ANIONS** Analyst: MRA

30

19

mg/Kg

mg/Kg

ND

ND

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

Qualifiers:

Chloride

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

- * 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
- PQL Practical Quanitative Limit
- 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 18 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.

Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell E-3V C and C Landfarm NM01-012 Collection Date: 8/27/2017 3:20:00 PM **Project:** Lab ID: 1708H01-019 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Analyses Result **POL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.023 mg/Kg 9/1/2017 1:08:11 PM Benzene 1 0.046 mg/Kg 9/1/2017 1:08:11 PM Toluene ND 1 Ethvibenzene ND 0.046 mg/Kg 1 9/1/2017 1:08:11 PM ND 0.092 mg/Kg 9/1/2017 1:08:11 PM Xylenes, Total 1 66.6-132 %Rec 9/1/2017 1:08:11 PM 113 1 Surr: 4-Bromofluorobenzene **EPA METHOD 300.0: ANIONS** Analyst: MRA ND 30 ma/Ka 20 9/6/2017 1:43:59 PM Chloride EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR 9/5/2017 ND 19 mg/Kg 1

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits 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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Petroleum Hydrocarbons, TR

Lab Order 1708H01 Date Reported: 9/11/2017

9/5/2017

CLIENT: C&C Landfarm		Client Sample ID: Cell E-4V Collection Date: 8/27/2017 3:45:00 PM						
Project: C and C Landfarm NM01-012								
Lab ID: 1708H01-020	Matrix:	Matrix: SOIL		Received Date: 8/30/2017 9:50:00 AM				
Analyses	Result	PQL Qual	Units	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES					Analyst: NSB			
Benzene	ND	0.025	mg/Kg	1	9/1/2017 1:31:44 PM			
Toluene	ND	0.049	mg/Kg	1	9/1/2017 1:31:44 PM			
Ethylbenzene	ND	0.049	mg/Kg	1 1	9/1/2017 1:31:44 PM			
Xylenes, Total	ND	0.098	mg/Kg	1	9/1/2017 1:31:44 PM			
Surr: 4-Bromofluorobenzene	115	66.6-132	%Rec	1 \	9/1/2017 1:31:44 PM			
EPA METHOD 300.0: ANIONS					Analyst: MRA			
Chloride	ND	30	mg/Kg	20	9/6/2017 2:21:13 PM			
EPA METHOD 418.1: TPH					Analyst: MAB			

20

mg/Kg

1

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
- PQL Practical Quanitative Limit
- % 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 limitspage 20 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell F-1V								
Project: C and C Landfarm NM01-012		Collection Date: 8/27/2017 4:10:00 PM							
Lab ID: 1708H01-021	Matrix:	SOIL	R	eceived I	Date: 8/30/20	017 9:50:00 AM			
Analyses	Result	PQL	Qual U	nits	DF	Date Analyzed			
EPA METHOD 8021B: VOLATILES						Analyst: NSB			
Benzene	ND	0.024	m	ig/Kg	1	9/1/2017 1:55:19 PM			
Toluene	ND	0.048	m	ıg/Kg	1	9/1/2017 1:55:19 PM			
Ethylbenzene	ND	0.048	m	ig/Kg	1	9/1/2017 1:55:19 PM			
Xylenes, Total	ND	0.097	m	ig/Kg	1	9/1/2017 1:55:19 PM			
Surr: 4-Bromofluorobenzene	114	66.6-132	%	Rec	1	9/1/2017 1:55:19 PM			
EPA METHOD 300.0: ANIONS						Analyst: MRA			
Chloride	ND	30	m	ig/Kg	20	9/6/2017 2:33:38 PM			
EPA METHOD 418.1: TPH						Analyst: MAB			
Petroleum Hydrocarbons, TR	ND	19	m	g/Kg	1	9/5/2017			

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % 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 21 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Analyst: NSB

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell F-2V C and C Landfarm NM01-012 Collection Date: 8/27/2017 4:25:00 PM Project: 1708H01-022 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Lab ID: Result **PQL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** ND 0.024 1 9/1/2017 2:19:04 PM Benzene mg/Kg

Toluene	ND	0.047	mg/Kg	1	9/1/2017 2:19:04 PM
Ethylbenzene	ND	0.047	mg/Kg	1	9/1/2017 2:19:04 PM
Xylenes, Total	ND	0.095	mg/Kg	1	9/1/2017 2:19:04 PM
Surr: 4-Bromofluorobenzene	115	66.6-132	%Rec	1	9/1/2017 2:19:04 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/6/2017 2:46:03 PM
EPA METHOD 418.1: TPH				·	Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/5/2017

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- Value above quantitation range Ε
- Analyte detected below quantitation limits Page 22 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 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm

Project: C and C Landfarm NM01-012 Client Sample ID: Cell F-3V Collection Date: 8/27/2017 4:50:00 PM

Received Date: 8/30/2017 9:50:00 AM

Lab ID: 1708H01-023	Matrix:	SOIL	Received I	ate: 8/30/2	017 9:50:00 AM
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	9/1/2017 2:42:49 PM
Toluene	ND	0.048	mg/Kg	1	9/1/2017 2:42:49 PM
Ethylbenzene	ND	0.048	mg/Kg	1	9/1/2017 2:42:49 PM
Xylenes, Total	ND	0.097	mg/Kg	1	9/1/2017 2:42:49 PM
Surr: 4-Bromofluorobenzene	116	66.6-132	%Rec	1	9/1/2017 2:42:49 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/6/2017 2:58:27 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/5/2017

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
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
- % 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 23 of 59 J
- Ρ 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 1708H01 Date Reported: 9/11/2017

Analyst: MAB

9/5/2017

CLIENT: C&C Landfarm Client Sample ID: Cell F-4V C and C Landfarm NM01-012 Collection Date: 8/27/2017 5:15:00 PM **Project:** Lab ID: 1708H01-024 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Result **PQL Qual Units** DF Analyses **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.024 mg/Kg 1 9/1/2017 3:06:29 PM ND 0.048 9/1/2017 3:06:29 PM Toluene mg/Kg 1 0.048 mg/Kg 1 9/1/2017 3:06:29 PM Ethylbenzene ND mg/Kg 0.097 9/1/2017 3:06:29 PM Xylenes, Total ND 1 Surr: 4-Bromofluorobenzene 114 66.6-132 %Rec 1 9/1/2017 3:06:29 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA 20 9/6/2017 3:10:51 PM

30

19

mg/Kg

mg/Kg

1

ND

ND

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

Oualifiers:

Chloride

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

- * 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
- PQL Practical Quanitative Limit
- % 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 24 of 59 J
- Ρ 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell G-1V								
Project: C and C Landfarm NM01-012	· .	Collection Date: 8/27/2017 5:40:00 PM							
Lab ID: 1708H01-025	Matrix:	SOIL	Received D	ate: 8/30/2	017 9:50:00 AM				
Analyses	Result	PQL Q	ual Units	DF	Date Analyzed				
EPA METHOD 8021B: VOLATILES					Analyst: NSB				
Benzene	ND	0.023	mg/Kg	1	9/1/2017 5:52:06 PM				
Toluene	ND	0.046	mg/Kg	1	9/1/2017 5:52:06 PM				
Ethylbenzene	ND	0.046	mg/Kg	1	9/1/2017 5:52:06 PM				
Xylenes, Total	ND	0.093	mg/Kg	1	9/1/2017 5:52:06 PM				
Surr: 4-Bromofluorobenzene	118	66.6-132	%Rec	1	9/1/2017 5:52:06 PM				
EPA METHOD 300.0: ANIONS					Analyst: MRA				
Chloride	ND	30	mg/Kg	20	9/6/2017 3:23:16 PM				
EPA METHOD 418.1: TPH					Analyst: MAB				
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/5/2017				

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 25 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.

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

Chloride

d

Date Reported: 9/11/2017

9/1/2017 6:15:49 PM

9/6/2017 4:00:30 PM

9/5/2017

Analyst: MRA

Analyst: MAB

CLIENT: C&C Landfarm Client Sample ID: Cell G-2V C and C Landfarm NM01-012 Collection Date: 8/27/2017 6:00:00 PM **Project:** Lab ID: 1708H01-026 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Analyses Result **POL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.023 9/1/2017 6:15:49 PM Benzene mg/Kg 1 Toluene ND 0.047 mg/Kg 9/1/2017 6:15:49 PM 1 Ethvibenzene ND 0.047 ma/Ka 1 9/1/2017 6:15:49 PM Xylenes, Total ND 0.094 mg/Kg 9/1/2017 6:15:49 PM 1

66.6-132

30

19

%Rec

mg/Kg

mg/Kg

1

20

1

118

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
- H Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- 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 26 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.

EPA METHOD 300.0: ANIONS

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

Chloride

Lab Order 1708H01 Date Reported: 9/11/2017

Analyst: MRA

Analyst: MAB

9/6/2017 4:12:55 PM

9/5/2017

CLIENT: C&C Landfarm Client Sample ID: Cell G-3V Collection Date: 8/27/2017 6:20:00 PM C and C Landfarm NM01-012 **Project:** Lab ID: 1708H01-027 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Analyses Result **PQL** Qual Units DF **Date Analyzed** EPA METHOD 8021B: VOLATILES Analyst: NSB ND 0.025 mg/Kg 9/1/2017 6:39:28 PM Benzene 1 Toluene ND 0.050 mg/Kg 1 9/1/2017 6:39:28 PM Ethylbenzene ND 0.050 mg/Kg 1 9/1/2017 6:39:28 PM Xylenes, Total ND 0.10 mg/Kg 9/1/2017 6:39:28 PM 1 %Rec Surr: 4-Bromofluorobenzene 116 66.6-132 1 9/1/2017 6:39:28 PM

30

19

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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits 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.

Date Reported: 9/11/2017

Analyst: MAB

9/5/2017

Client Sample ID: Cell G-4V CLIENT: C&C Landfarm Collection Date: 8/27/2017 6:50:00 PM **Project:** C and C Landfarm NM01-012 Received Date: 8/30/2017 9:50:00 AM Lab ID: 1708H01-028 Matrix: SOIL Result **PQL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB 9/1/2017 7:03:05 PM Benzene ND 0.024 mg/Kg 1 0.049 9/1/2017 7:03:05 PM Toluene ND mg/Kg 1 0.049 mg/Kg 9/1/2017 7:03:05 PM Ethylbenzene ND 1 Xylenes, Total ND 0.097 mg/Kg 1 9/1/2017 7:03:05 PM Surr: 4-Bromofluorobenzene 116 66.6-132 %Rec 1 9/1/2017 7:03:05 PM Analyst: MRA **EPA METHOD 300.0: ANIONS** 9/6/2017 5:14:59 PM 20 Chloride ND 30 mg/Kg

18

ND

mg/Kg

1

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

Qualifiers:

EPA METHOD 418.1: TPH

Petroieum Hydrocarbons, TR

- * 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
- POL Practical Quanitative Limit
- 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 28 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm

Lab ID:

Project: C and C Landfarm NM01-012

1708H01-029

Client Sample ID: Cell H-1V Collection Date: 8/28/2017 6:20:00 AM

Received Date: 8/30/2017 9:50:00 AM

Analyses EPA METHOD 8021B: VOLATILES	Result	PQL Qu	al Units	DF	Date Analyzed
		<u>, , , , , , , , , , , , , , , , , , , </u>			Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	9/1/2017 7:26:40 PM
Toluene	ND	0.047	mg/Kg	1	9/1/2017 7:26:40 PM
Ethylbenzene	ND	0.047	mg/Kg	1	9/1/2017 7:26:40 PM
Xylenes, Total	ND	0.093	mg/Kg	1	9/1/2017 7:26:40 PM
Surr: 4-Bromofluorobenzene	116	66.6-132	%Rec	1	9/1/2017 7:26:40 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/6/2017 5:52:12 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/5/2017

Matrix: SOIL

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
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % 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 29 of 59 J
- Р Sample pH Not In Range
- **Reporting Detection Limit** RL

à

Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm C and C Landfarm NM01-012 **Project:**

1708H01-030 Lab ID:

Client Sample ID: Cell H-2V Collection Date: 8/28/2017 6:55:00 AM Received Date: 8/30/2017 9:50:00 AM

Lab ID: 1708H01-030	Matrix: SOIL		Received Date: 8/30/2017 9:50:00 AM		
Analyses	Result	PQL Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	9/1/2017 7:50:14 PM
Toluene	ND	0.047	mg/Kg	1	9/1/2017 7:50:14 PM
Ethylbenzene	. ND	0.047	mg/Kg	1	9/1/2017 7:50:14 PM
Xylenes, Total	ND	0.094	mg/Kg	1	9/1/2017 7:50:14 PM
Surr: 4-Bromofluorobenzene	115	66.6-132	%Rec	1	9/1/2017 7:50:14 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/6/2017 6:29:27 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/5/2017

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
- PQL Practical Quanitative Limit
- % 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 30 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.

Analytical Report Lab Order 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm

Lab ID:

Project: C and C Landfarm NM01-012

1708H01-031

Client Sample ID: Cell H-3V

Collection Date: 8/28/2017 7:25:00 AM

Received Date: 8/30/2017 9:50:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	9/1/2017 8:13:51 PM
Toluene	ND	0.050	mg/Kg	1	9/1/2017 8:13:51 PM
Ethylbenzene	ND	0.050	mg/Kg	1	9/1/2017 8:13:51 PM
Xylenes, Total	ND	0.10	mg/Kg	1	9/1/2017 8:13:51 PM
Surr: 4-Bromofluorobenzene	116	66.6-132	%Rec	1	9/1/2017 8:13:51 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/6/2017 6:41:51 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	18	mg/Kg	1	9/5/2017

Matrix: SOIL

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

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits 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.

Date Reported: 9/11/2017

 CLIENT: C&C Landfarm

 Project: C and C Landfarm NM01-012

 Lab ID: 1708H01-032

 Matrix: SOIL

Client Sample ID: Cell H-4V Collection Date: 8/28/2017 7:45:00 AM

Received Date: 8/30/2017 9:50:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	9/1/2017 8:37:26 PM
Toluene	ND	0.047	mg/Kg	1	9/1/2017 8:37:26 PM
Ethylbenzene	ND	0.047	mg/Kg	1	9/1/2017 8:37:26 PM
Xylenes, Total	ND	0.093	mg/Kg	1	9/1/2017 8:37:26 PM
Surr: 4-Bromofluorobenzene	116	66.6-132	%Rec	. 1	9/1/2017 8:37:26 PM
EPA METHOD 300.0: ANIONS	•				Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/6/2017 6:54:16 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/5/2017

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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits 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.

Lab Order 1708H01 Date Reported: 9/11/2017

9/1/2017 9:01:02 PM

9/1/2017 9:01:02 PM

9/6/2017 7:06:41 PM

9/5/2017

Analyst: MRA

Analyst: MAB

CLIENT: C&C Landfarm Client Sample ID: Cell I-1V C and C Landfarm NM01-012 Collection Date: 8/28/2017 8:10:00 AM **Project:** Received Date: 8/30/2017 9:50:00 AM 1708H01-033 Matrix: SOIL Lab ID: Result **PQL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.023 1 9/1/2017 9:01:02 PM Benzene mg/Kg 0.047 9/1/2017 9:01:02 PM Toluene ND mg/Kg 1 Ethylbenzene ND 0.047 mg/Kg 1 9/1/2017 9:01:02 PM

ND

116

ND

ND

0.094

30

20

66.6-132

mg/Kg

%Rec

mg/Kg

mg/Kg

1

1

20

1

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

Qualifiers:

*

Xylenes, Totai

Chloride

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

- 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
- Practical Quanitative Limit PQL
- % 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 33 of 59 J
- Ρ 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell I-2V								
Project: C and C Landfarm NM01-012		Collection Date: 8/28/2017 8:30:00 AM							
Lab ID: 1708H01-034	Matrix:	SOIL	Received D	ate: 8/30/2	017 9:50:00 AM				
Analyses	Result	PQL	Qual Units	DF	Date Analyzed				
EPA METHOD 8021B: VOLATILES					Analyst: NSB				
Benzene	ND	0.024	mg/Kg	1	9/1/2017 9:24:37 PM				
Toluene	ND	0.047	mg/Kg	1	9/1/2017 9:24:37 PM				
Ethylbenzene	ND	0.047	mg/Kg	1	9/1/2017 9:24:37 PM				
Xylenes, Total	ND	0.094	mg/Kg	1	9/1/2017 9:24:37 PM				
Surr. 4-Bromofluorobenzene	114	66.6-132	%Rec	1	9/1/2017 9:24:37 PM				
EPA METHOD 300.0: ANIONS					Analyst: MRA				
Chloride	ND	30	mg/Kg	20	9/6/2017 7:19:06 PM				
EPA METHOD 418.1: TPH			· .		Analyst: MAB				
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/5/2017				

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
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits Page 34 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 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell I-3V Collection Date: 8/28/2017 8:55:00 AM C and C Landfarm NM01-012 **Project:** Lab ID: 1708H01-035 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Result **PQL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.025 mg/Kg 1 9/1/2017 10:58:48 PM Benzene ND 0.050 mg/Kg 1 9/1/2017 10:58:48 PM Toluene Ethylbenzene ND 0.050 mg/Kg 1 9/1/2017 10:58:48 PM Xylenes, Total ND 0.10 mg/Kg 1 9/1/2017 10:58:48 PM 66.6-132 %Rec 9/1/2017 10:58:48 PM Surr: 4-Bromofluorobenzene 117 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA 20 9/6/2017 7:31:31 PM Chloride ND 30 mg/Kg EPA METHOD 418.1: TPH Analyst: MAB

18

mg/Kg

1

9/7/2017

ND

Petroleum Hydrocarbons, TR

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
- Practical Quanitative Limit POL
- 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 35 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.

Petroleum Hydrocarbons, TR

Analytical Report Lab Order 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell I-4V C and C Landfarm NM01-012 Collection Date: 8/28/2017 9:15:00 AM **Project:** 1708H01-036 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Lab ID: Result **PQL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 mg/Kg 1 9/1/2017 11:22:22 PM 0.050 Toluene ND mg/Kg 1 9/1/2017 11:22:22 PM 0.050 9/1/2017 11:22:22 PM Ethylbenzene ND mg/Kg 1 mg/Kg 9/1/2017 11:22:22 PM Xylenes, Total ND 0.10 1 Surr: 4-Bromofluorobenzene 119 66.6-132 %Rec 9/1/2017 11:22:22 PM 1 **EPA METHOD 300.0: ANIONS** Analyst: MRA 20 9/6/2017 7:43:55 PM Chloride ND 30 mg/Kg EPA METHOD 418.1: TPH Analyst: MAB

19

mg/Kg

1

9/7/2017

ND

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

Qualifiers:

.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 36 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 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell J-1V C and C Landfarm NM01-012 Collection Date: 8/28/2017 9:40:00 AM **Project:** Received Date: 8/30/2017 9:50:00 AM Lab ID: 1708H01-037 Matrix: SOIL Result **PQL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.023 mg/Kg 9/1/2017 11:45:56 PM 1 ND 0.047 Toluene mg/Kg 1 9/1/2017 11:45:56 PM ND mg/Kg Ethylbenzene 0.047 1 9/1/2017 11:45:56 PM 0.093 9/1/2017 11:45:56 PM Xylenes, Total ND mg/Kg 1 Surr: 4-Bromofluorobenzene 117 66.6-132 %Rec 1 9/1/2017 11:45:56 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA 9/6/2017 7:56:19 PM Chloride ND 30 mg/Kg 20 EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 20 mg/Kg 1 9/7/2017

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
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- 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 limitsPage 37 of 59 J
- Ρ Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 1708H01 Date Reported: 9/11/2017

Client Sample ID: Cell J-2V

Project: C and C Landfarm NM01-012

Lab ID: 1708H01-038

CLIENT: C&C Landfarm

Collection Date: 8/28/2017 10:00:00 AM

Received Date: 8/30/2017 9:50:00 AM

Analyses	Result	PQL	Qual Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	9/2/2017 12:09:33 AM
Toluene	ND	0.049	mg/Kg	. 1	9/2/2017 12:09:33 AM
Ethylbenzene	ND	0.049	mg/Kg	1	9/2/2017 12:09:33 AM
Xylenes, Total	ND	0.097	mg/Kg	1	9/2/2017 12:09:33 AM
Surr: 4-Bromofluorobenzene	122	66.6-132	%Rec	1	9/2/2017 12:09:33 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/6/2017 8:08:44 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/7/2017

Matrix: SOIL

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

Qualifiers:

*

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits 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.

Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell J-3V **Project:** C and C Landfarm NM01-012 Collection Date: 8/28/2017 10:25:00 AM Matrix: SOIL 1708H01-039 Received Date: 8/30/2017 9:50:00 AM Lab ID: DF Result **PQL** Qual Units **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.024 mg/Kg 9/2/2017 12:33:05 AM Benzene 1 ND 0.048 mg/Kg 1 9/2/2017 12:33:05 AM Toluene 0.048 9/2/2017 12:33:05 AM ND mg/Kg 1 Ethylbenzene Xylenes, Total ND 0.096 mg/Kg 1 9/2/2017 12:33:05 AM 66.6-132 %Rec 9/2/2017 12:33:05 AM Surr: 4-Bromofluorobenzene 117 1 Analyst: MRA **EPA METHOD 300.0: ANIONS** 9/6/2017 8:21:08 PM Chloride ND 30 mg/Kg 20 EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 20 mg/Kg 1 9/7/2017

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
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- Value above quantitation range E
 - Analyte detected below quantitation limits Page 39 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.

Petroleum Hydrocarbons, TR

Date Reported: 9/11/2017

9/7/2017

1

CLIENT: C&C Landfarm Client Sample ID: Cell J-4V Collection Date: 8/28/2017 10:55:00 AM C and C Landfarm NM01-012 **Project:** Lab ID: 1708H01-040 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Analyses Result **PQL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB 0.024 9/2/2017 12:56:41 AM Benzene ND mg/Kg 1 ND 0.049 mg/Kg 1 9/2/2017 12:56:41 AM Toluene Ethylbenzene ND 0.049 mg/Kg 1 9/2/2017 12:56:41 AM 9/2/2017 12:56:41 AM Xylenes, Total ND 0.097 mg/Kg 1 Surr: 4-Bromofluorobenzene 118 66.6-132 %Rec 1 9/2/2017 12:56:41 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA 30 20 9/6/2017 8:58:23 PM Chloride ND mg/Kg EPA METHOD 418.1: TPH Analyst: MAB

18

mg/Kg

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
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit ND
- Practical Quanitative Limit PQL
- % 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 40 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.

Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell K-1V								
Project: C and C Landfarm NM01-012		Collection Date: 8/28/2017 11:25:00 AM							
Lab ID: 1708H01-041	Matrix:	Matrix: SOIL		Received Date: 8/30/2017 9:50:00 AM					
Analyses	Result	PQL Qua	l Units	DF	Date Analyzed				
EPA METHOD 8021B: VOLATILES					Analyst: NSB				
Benzene	ND	0.024	mg/Kg	1	9/2/2017 1:20:15 AM				
Toluene	ND	0.047	mg/Kg	1	9/2/2017 1:20:15 AM				
Ethylbenzene	ND	0.047	mg/Kg	1	9/2/2017 1:20:15 AM				
Xylenes, Total	ND	0.095	mg/Kg	1	9/2/2017 1:20:15 AM				
Surr: 4-Bromofluorobenzene	117	66.6-132	%Rec	1	9/2/2017 1:20:15 AM				
EPA METHOD 300.0: ANIONS					Analyst: MRA				
Chloride	ND	30	mg/Kg	20	9/6/2017 9:35:37 PM				
EPA METHOD 418.1: TPH					Analyst: MAB				
Petroleum Hydrocarbons, TR	ND	20	ma/Ka	1	9/7/2017				

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
- PQL Practical Quanitative Limit
- 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
- 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell K-2V **Project:** C and C Landfarm NM01-012 Collection Date: 8/28/2017 11:40:00 AM 1708H01-042 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Lab ID: Result **POL Qual Units** DF **Date Analyzed** Analyses **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.023 mg/Kg 9/2/2017 1:43:46 AM **Benzene** 1 Toluene ND 0.046 mg/Kg 1 9/2/2017 1:43:46 AM 9/2/2017 1:43:46 AM 0.046 mg/Kg Ethylbenzene ND 1 9/2/2017 1:43:46 AM Xylenes, Total ND 0.092 mg/Kg 1 66.6-132 %Rec 9/2/2017 1:43:46 AM Surr: 4-Bromofluorobenzene 117 1 Analyst: MRA **EPA METHOD 300.0: ANIONS** 9/6/2017 9:48:02 PM 20 Chloride ND 30 mg/Kg Analyst: MAB EPA METHOD 418.1: TPH Petroleum Hydrocarbons, TR ND 19 mg/Kg 1 9/7/2017

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В
- Ε Value above quantitation range
 - Analyte detected below quantitation limits Page 42 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.

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Lab Order 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm	Client Sample ID: Cell K-3V								
Project: C and C Landfarm NM01-012		Collection Date: 8/28/2017 12:10:00 PM							
Lab ID: 1708H01-043	Matrix:	SOIL	Receive	d Date: 8/30/20	017 9:50:00 AM				
Analyses	Result	PQL	Qual Units	DF	Date Analyzed				
EPA METHOD 8021B: VOLATILES					Analyst: NSB				
Benzene	ND	0.024	mg/Kg	1	9/2/2017 2:07:16 AM				
Toluene	ND	0.047	mg/Kg	1	9/2/2017 2:07:16 AM				
Ethylbenzene	ND	0.047	mg/Kg	1	9/2/2017 2:07:16 AM				
Xylenes, Total	ND	0.095	mg/Kg	1	9/2/2017 2:07:16 AM				
Surr: 4-Bromofluorobenzene	117	66.6-132	%Rec	1	9/2/2017 2:07:16 AM				
EPA METHOD 300.0: ANIONS					Analyst: MRA				
Chloride	ND	30	mg/Kg	20	9/6/2017 10:00:26 PM				
EPA METHOD 418.1: TPH					Analyst: MAB				
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/7/2017				

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 H
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % 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 43 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 1708H01 Date Reported: 9/11/2017

Client Sample ID: Cell K-4V CLIENT: C&C Landfarm Collection Date: 8/28/2017 12:35:00 PM C and C Landfarm NM01-012 Project: Received Date: 8/30/2017 9:50:00 AM Lab ID: 1708H01-044 Matrix: SOIL Analyses Result **PQL** Qual Units DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst NSB ND 0.024 9/2/2017 2:30:44 AM Benzene mg/Kg 1 Toluene ND 0.048 mg/Kg 1 9/2/2017 2:30:44 AM Ethylbenzene ND 0.048 mg/Kg 1 9/2/2017 2:30:44 AM Xylenes, Total ND 0.096 mg/Kg 1 9/2/2017 2:30:44 AM 117 66.6-132 %Rec 1 9/2/2017 2:30:44 AM Surr: 4-Bromofluorobenzene **EPA METHOD 300.0: ANIONS** Analyst: MRA Chloride ND 30 mg/Kg 20 9/6/2017 10:12:50 PM EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 20 mg/Kg 1 9/7/2017

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

Oualiflers:

- . Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- B 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
- Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm Client Sample ID: Cell L-1V C and C Landfarm NM01-012 Collection Date: 8/28/2017 1:30:00 PM **Project:** Lab ID: 1708H01-045 Matrix: SOIL Received Date: 8/30/2017 9:50:00 AM Analyses Result **PQL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB 0.024 9/1/2017 11:25:55 PM Benzene ND mg/Kg 1 Toluene ND 0.047 mg/Kg 1 9/1/2017 11:25:55 PM Ethylbenzene ND 0.047 mg/Kg 1 9/1/2017 11:25:55 PM 0.094 mg/Kg 9/1/2017 11:25:55 PM Xylenes, Total ND 1 Surr: 4-Bromofluorobenzene 117 66.6-132 %Rec 1 9/1/2017 11:25:55 PM **EPA METHOD 300.0: ANIONS** Analyst: MRA 20 9/6/2017 10:25:15 PM Chloride ND 30 mg/Kg EPA METHOD 418.1: TPH Analyst: MAB Petroleum Hydrocarbons, TR ND 19 mg/Kg 9/7/2017 1

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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 45 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 1708H01 Date Reported: 9/11/2017

Date Reported. 9

CLIENT: C&C LandfarmClienProject: C and C Landfarm NM01-012CoLab ID: 1708H01-046Matrix: SOILR

Client Sample ID: Cell L-2V Collection Date: 8/28/2017 1:55:00 PM Received Date: 8/30/2017 9:50:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES		,			Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	9/2/2017 1:01:38 AM
Toluene	ND	0.048	mg/Kg	1	9/2/2017 1:01:38 AM
Ethylbenzene	ND	0.048	mg/Kg	1	9/2/2017 1:01:38 AM
Xylenes, Total	ND	0.096	mg/Kg	1	9/2/2017 1:01:38 AM
Surr. 4-Bromofluorobenzene	118	66.6-132	%Rec	. 1	9/2/2017 1:01:38 AM
EPA METHOD 300.0: ANIONS			r.		Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/7/2017 11:10:55 AM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/7/2017

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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limit 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm

C and C Landfarm NM01-012 **Project:**

Lab ID: 1708H01-047 Client Sample ID: Cell L-3V Collection Date: 8/28/2017 2:20:00 PM

Received Date: 8/30/2017 9:50:00 AM

			A		
Analyses	Result	Result PQL Qual Units		DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	9/2/2017 1:25:36 AM
Toluene	ND	0.049	mg/Kg	1	9/2/2017 1:25:36 AM
Ethylbenzene	ND	0.049	mg/Kg	1	9/2/2017 1:25:36 AM
Xylenes, Total	ND	0.097	mg/Kg	1	9/2/2017 1:25:36 AM
Surr: 4-Bromofluorobenzene	122	66.6-132	%Rec	1	9/2/2017 1:25:36 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/7/2017 12:12:57 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/7/2017

Matrix: SOIL

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
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- 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 47 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 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm

C and C Landfarm NM01-012 **Project:**

Lab ID: 1708H01-048 Client Sample ID: Cell L-4V Collection Date: 8/28/2017 2:45:00 PM

Received Date: 8/30/2017 9:50:00 AM

Analyses	Result PQL Qual Units			DF	Date Analyzed
EPA METHOD 8021B: VOLATILES			· · · · · · · · · · · · · · · · · · ·		Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	9/2/2017 1:49:41 AM
Toluene	ND	0.047	mg/Kg	1	9/2/2017 1:49:41 AM
Ethyibenzene	ND	0.047	mg/Kg	<u> </u>	9/2/2017 1:49:41 AM
Xylenes, Total	ND	0.095	mg/Kg	1	9/2/2017 1:49:41 AM
Surr: 4-Bromofluorobenzene	119	66.6-132	%Rec	1	9/2/2017 1:49:41 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/7/2017 12:25:21 PM
EPA METHOD 418.1: TPH	·				Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/7/2017

Matrix: SOIL

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
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % 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 48 of 59 1
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**

Sample container temperature is out of limit as specified w

20

1

Hall Environmental Analysis Laboratory, Inc.

Lab Order 1708H01 Date Reported: 9/11/2017

9/7/2017 12:37:46 PM

9/7/2017

Analyst: MAB

CLIENT: C&C Landfarm Client Sample ID: Cell M-1V C and C Landfarm NM01-012 Collection Date: 8/28/2017 3:10:00 PM **Project:** Matrix: SOIL 1708H01-049 Received Date: 8/30/2017 9:50:00 AM Lab ID: Analyses Result **POL Qual Units** DF **Date Analyzed EPA METHOD 8021B: VOLATILES** Analyst: NSB ND 0.024 mg/Kg 9/2/2017 2:13:42 AM Benzene 1 Toluene ND 0.048 mg/Kg 1 9/2/2017 2:13:42 AM Ethylbenzene ND 0.048 mg/Kg 1 9/2/2017 2:13:42 AM 0.096 mg/Kg Xylenes, Total ND 9/2/2017 2:13:42 AM 1 %Rec Surr: 4-Bromofluorobenzene 119 66.6-132 1 9/2/2017 2:13:42 AM **EPA METHOD 300.0: ANIONS** Analyst: MRA

30

20

mg/Kg

ma/Ka

ND

ND

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

Oualifiers:

Chloride

EPA METHOD 418.1: TPH

Petroleum Hydrocarbons, TR

- * 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
- PQL Practical Quanitative Limit
- 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 49 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 1708H01

Date Reported: 9/11/2017

CLIENT: C&C Landfarm			Client Sample	e ID: Cell M	1-2V
Project: C and C Landfarm NM01-012			Collection I	Date: 8/28/2	017 3:35:00 PM
Lab ID: 1708H01-050	Matrix:	SOIL	Received I	Date: 8/30/2	017 9:50:00 AM
Analyses	Result	PQL	Qual Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	9/2/2017 2:37:46 AM
Toluene	ND	0.047	rng/Kg	1	9/2/2017 2:37:46 AM
Ethylbenzene	ND	0.047	mg/Kg	1	9/2/2017 2:37:46 AM
Xylenes, Total	ND	0.095	mg/Kg	1	9/2/2017 2:37:46 AM
Surr. 4-Bromofluorobenzene	116	66.6-132	%Rec	1	9/2/2017 2:37:46 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/7/2017 12:50:11 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Detroloum Hudrocarbone, TP	ND	20	maKa	1	9/7/2017

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
- PQL Practical Quanitative Limit
- % 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 50 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 1708H01 Date Reported: 9/11/2017

CLIENT: C&C Landfarm

C and C Landfarm NM01-012 **Project:** Lab ID: 1708H01-051

Client Sample ID: Cell M-3V Collection Date: 8/28/2017 4:00:00 PM

Received Date: 8/30/2017 9:50:00 AM

Analyses	Result	PQL Qu	al Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	9/2/2017 3:01:44 AM
Toluene	ND	0.049	mg/Kg	1	9/2/2017 3:01:44 AM
Ethylbenzene	ND	0.049	mg/Kg	1	9/2/2017 3:01:44 AM
Xylenes, Total	ND	0.099	mg/Kg	1	9/2/2017 3:01:44 AM
Surr. 4-Bromofluorobenzene	119	66.6-132	%Rec	1	9/2/2017 3:01:44 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	30	mg/Kg	20	9/7/2017 1:02:35 PM
EPA METHOD 418.1: TPH					Analyst: MAB
Petroleum Hydrocarbons, TR	ND	19	mg/Kg	1	9/7/2017

Matrix: SOIL

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
- PQL Practical Quanitative Limit
- % 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 51 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.

Date Reported: 9/11/2017

CLIENT: C&C Landfarm C and C Landfarm NM01-012 **Project:**

Client Sample ID: Cell M-4V Collection Date: 8/28/2017 4:25:00 PM Received Date: 8/30/2017 9:50:00 AM

Lab ID: 1708H01-052	Matrix:	SOIL	Received Date: 8/30/2017 9:50:00 AM				
Analyses	Result	PQL Qua	Units	DF	Date Analyzed		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.024	mg/Kg	1	9/2/2017 3:25:38 AM		
Toluene	ND	0.048	mg/Kg	1	9/2/2017 3:25:38 AM		
Ethylbenzene	ND	0.048	mg/Kg	1	9/2/2017 3:25:38 AM		
Xylenes, Total	ND	0.097	mg/Kg	1	9/2/2017 3:25:38 AM		
Surr: 4-Bromofluorobenzene	119	66.6-132	%Rec	1	9/2/2017 3:25:38 AM		
EPA METHOD 300.0: ANIONS					Analyst: MRA		
Chloride	ND	30	mg/Kg	20	9/7/2017 1:15:00 PM		
EPA METHOD 418.1: TPH					Analyst MAB		
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	9/7/2017		

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
- PQL Practical Quanitative Limit
- % 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 52 of 59 J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

WO#: 1708H01

11-Sep-17

Client: C&C Landfarm

Project: C and C	C Landfarm NM01-012	·				
Sample ID MB-33711	SampType: mblk	TestCode: EPA Method :	300.0: Anions			
Client ID: PBS	Batch ID: 33711	RunNo: 45437				
Prep Date: 9/5/2017	Analysis Date: 9/5/2017	SeqNo: 1439652	Units: mg/Kg			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride	ND 1.5					
Sample ID LCS-33711	SampType: ics	TestCode: EPA Method :	300.0: Anions			
Client ID: LCSS	Batch ID: 33711	RunNo: 45437				
Prep Date: 9/5/2017	Analysis Date: 9/5/2017	SeqNo: 1439653	Units: mg/Kg			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride	14 1.5 15.00	0 93.2 90	110			
Sample ID MB-33723	SampType: mblk	TestCode: EPA Method :	300.0: Anions			
Client ID: PBS	Batch ID: 33723	RunNo: 45442	RunNo: 45442			
Prep Date: 9/6/2017	Analysis Date: 9/6/2017	SeqNo: 1441364	Units: mg/Kg			
Analyte	Result PQL SPK value S	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride	ND 1.5					
Sample ID LCS-33723	SampType: Ics	TestCode: EPA Method :	300.0: Anions			
Client ID: LCSS	Batch ID: 33723	RunNo: 45442	•			
Prep Date: 9/6/2017	Analysis Date: 9/6/2017	SeqNo: 1441365	Units: mg/Kg			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride	15 1.5 15.00	0 97.3 90	110			
Sample ID MB-33728	SampType: mblk	TestCode: EPA Method :	300.0: Anions			
Client ID: PBS	Batch ID: 33728	RunNo: 45442				
Prep Date: 9/6/2017	Analysis Date: 9/6/2017	SeqNo: 1441394	Units: mg/Kg			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride	ND 1.5					
Sample ID LCS-33728	SampType: Ics	TestCode: EPA Method	300.0: Anions			
Client ID: LCSS	Batch ID: 33728	RunNo: 45442				
Prep Date: 9/6/2017	Analysis Date: 9/6/2017	SeqNo: 1441395	Units: mg/Kg			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual		
Chloride	14 1.5 15.00	0 94.4 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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank в

Е Value above quantitation range

J Analyte detected below quantitation limits

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

P

Sample container temperature is out of limit as specified w

Client: C&C Landfarm

Project: C and	C Landfarm NM01-012								
Sample ID MB-33743 Client ID: PBS	SampType: mblk Batch ID: 33743	TestCode: EPA Method RunNo: 45475	300.0: Anions	<u> </u>					
Prep Date: 9/7/2017	Analysis Date: 9/7/2017	SeqNo: 1442603	Units: mg/Kg						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual					
Chloride	ND 1.5			·					
Sample ID LCS-33743	SampType: Ics	TestCode: EPA Method	300.0: Anions						
Client ID: LCSS	Batch ID: 33743	RunNo: 45475							
Prep Date: 9/7/2017	Analysis Date: 9/7/2017	SeqNo: 1442604	Units: mg/Kg						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual					
Chloride	14 1.5 15.00	0 94.8 90	110						

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E. Value above quantitation range
- J Analyte detected below quantitation limits P Sample pH Not In Range

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

WO#: 1708H01

11-Sep-17

WO#: 1708H01

Qual

%RPD

RPDLimit

11-Sep-17

Client: C&C Landfarm **Project:** C and C Landfarm NM01-012 Sample ID MB-33663 SampType: MBLK TestCode: EPA Method 418.1: TPH Client ID: PBS Batch ID: 33663 RunNo: 45406 Prep Date: 9/1/2017 Analysis Date: 9/5/2017 SeqNo: 1438661 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit NIC Detector

Sample ID LCS-33663	SampType: LCS	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS	Batch ID: 33663	RunNo: 45406		
Prep Date: 9/1/2017	Analysis Date: 9/5/2017	SeqNo: 1438662	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	86 20 100.0	0 85.9 80.5	126	
Sample ID LCSD-33663	SampType: LCSD	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS02	Batch ID: 33663	RunNo: 45406		
Prep Date: 9/1/2017	Analysis Date: 9/5/2017	SeqNo: 1438663	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	84 20 100.0	0 83.8 80.5	126 2.45	20
Sample ID MB-33665	SampType: MBLK	TestCode: EPA Method	418.1: TPH	
Client ID: PBS	Batch ID: 33665	RunNo: 45406		
Prep Date: 9/1/2017	Analysis Date: 9/5/2017	SeqNo: 1438684	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-33665	SampType: LCS	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS	Batch ID: 33665	RunNo: 45406		
Prep Date: 9/1/2017	Analysis Date: 9/5/2017	SeqNo: 1438685	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	87 20 100.0	0 86.9 80.5	126	
Sample ID LCSD-33665	SampType: LCSD	TestCode: EPA Method	418.1: TPH	
Client ID: LCSS02	Batch ID: 33665	RunNo: 45406		
Prep Date: 9/1/2017	Analysis Date: 9/5/2017	SeqNo: 1438686	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Petroleum Hydrocarbons, TR	89 20 100.0	0 89.0 80.5	126 2.36	20

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- B Analyte detected in the associated Method Blank

Ε Value above quantitation range

- Analyte detected below quantitation limits 3
- Page 55 of 59

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

Ρ

Sample container temperature is out of limit as specified W

Client:	C&C L	andfarm									
Project:	C and C	Landfarm]	NM01-	012				·			
Sample ID	MB-33660	SampT	ype: Mi	BLK	Tes	tCode: E	PA Method	418.1: TPH		<u></u>	
Client ID:	PBS	Batch	n ID: 33	660	F	RunNo: 4	5463				
Prep Date:	8/31/2017	Analysis D)ate: 9/	/7/2017	5	SeqNo: 1	440663	Units: mg/i	Kg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	rocarbons, TR	ND	20								
Sample ID	LCS-33660	SampT	ype: LC	s	Tes	tCode: E	PA Method	418.1: TPH			
Client ID:	LCSS	Batch	Batch ID: 33660 RunNo: 45				5463				
Prep Date:	8/31/2017	Analysis D)ate: 9/	7/2017	5	SeqNo: 1	440664	Units: mg/ł	<g< td=""><td></td><td></td></g<>		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	rocarbons, TR	89	20	100.0	0	89.0	80.5	126			
Sample ID	LCSD-33660	SampT	ype: LC	SD	Tes	tCode: E	PA Method	418.1: TPH			
Client ID:	LCSS02	Batch	n ID: 33	660	F	RunNo: 4	5463				
Prep Date:	8/31/2017	Analysis D)ate: 9/	7/2017	5	SeqNo: 1	440665	Units: mg/h	Kg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hyd	rocarbons, TR	82	20	100.0	0	81.6	80.5	126	8.60	20	

Qualifiers:

- 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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S
- В Analyte detected in the associated Method Blank
- Ē Value above quantitation range
- J Analyte detected below quantitation limits P
 - Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified w

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WO#: 1708H01

11-Sep-17

Client:	C&C La	ndfarm									
Project:	C and C	Landfarm	NM01-0	012							
Sample ID	MB-33653	Samp	Type: ME	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batcl	h ID: 33	653	F	RunNo: 4	5374				
Prep Date:	8/31/2017	Analysis [Date: 9/	1/2017	8	SeqNo: 1	438062	Units: mg/h	(g		
Anatyte		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	1.2		1.000		122	66.6	132			
Sample ID	LCS-33653	SampT	Type: LC	S	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batcl	h ID: 33	653	f	RunNo: 4	5374				
Prep Date:	8/31/2017	Anatysis D	Date: 9/	1/2017	5	SeqNo: 1	438063	438963 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	114	80	120			
Toluene		1.1	0.050	1.000	0	113	80	120			
Ethylbenzene		1.1	0.050	1.000	0	113	80	120			
Xylenes, Total		3.4	0.10	3.000	0	114	80	120			
Sur: 4-Bron	nofluorobenzene	1.2		1.000		122	66.6	132			
Sample ID	MB-33655	Samp1	Гуре: МЕ	BLK	TestCode: EPA Method 8021B: Volatiles						
Client ID:	PBS	Batcl	h ID: 33	855	F	RunNo: 45375					
Prep Date:	8/31/2017	Analysis D)ate: 9/	1/2017	5	SeqNo: 1	438094	Units: mg/i	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		NĎ	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Sutr: 4-Bron	nofluorobenzene	1.1		1.000		114	66.6	132			
Sample ID	LCS-33655	Samp1	lype: LC	S	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batci	h ID: 33	655	F	RunNo: 4	5375				
Prep Date:	8/31/2017	Analysis [)ate: 9/	1/2017	5	SeqNo: 1	438095	Units: mg/h	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Quai
Benzene		0.87	0.025	1.000	0	87.3	80	120			
Toluene		0.89	0.050	1.000	0	88.6	80	120			
Ethylbenzene		0.91	0.050	1.000	0	91.4	80	120			
Xylenes, Total		2.8	0.10	3.000	0	92.6	80	120			
Sur: 4-Bron	nofluorobenzene	1.2		1.000		116	66.6	132			

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

PQL Practical Quanitative Limit

- % 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 J

Page 57 of 59

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

Р

Sample container temperature is out of limit as specified W

WO#: 1708H01

11-Sep-17

Client:	C&C Lan	dfarm									
Project:	C and C I	andfarm	NM01-(012							
Sample ID	1708H01-015AMS	Samp	Type: MS	5	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	Cell D-3V	Batc	h ID: 33	655	F	RunNo: 4	5375				
Prep Date:	8/31/2017	Analysis [Date: 9/	1/2017	5	SeqNo: 1438097 Units: mg/Kg					
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0,90	0.024	0.9653	0	93.2	80.9	132			
Toluene		0.92	0.048	0.9653	0	95.3	79.8	136			
Ethylbenzene		0.96	0.048	0.9653	0	99.6	79.4	140			
Xylenes, Total		2.9	0.097	2.896	0	101	78.5	142			
Surr: 4-Bron	nofluorobenzene	1.2		0.9653		120	66.6	132			
Sample ID	1708H01-015AMS	D Samp	Type: MS	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	Cell D-3V	Batc	h ID: 33	655	F	RunNo: 4	5375				
Prep Date:	8/31/2017	7 Analysis Date: 9/1/2017			5	SeqNo: 1	438098	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Bertzene		0.86	0.024	0.9662	0	89.0	80.9	132	4.48	20	
Toluene		0.89	0.048	0.9662	0	92.1	79.8	136	3.33	20	
Ethylbenzene		0.93	0.048	0.9662	0	96.3	79.4	140	3.23	20	
Xylenes, Total		2.8	0.097	2.899	0	97.2	78.5	142	3.68	20	
Surr: 4-Bron	nofluorobenzene	1.1		0.9662		118	66.6	132	0	0	
Sample ID	MB-33656	Samp	Гуре: МЕ	BLK	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	h ID: 33	656	RunNo: 45375						
Prep Date:	8/31/2017	Analysis [Date: 9/	1/2017	5	SeqNo: 1	438118	Units: mg/M	(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	1.2		1.000		119	66.6	132			
Sample ID	LCS-33656	Samp	Type: LC	:s	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: 33	656	F	RunNo: 4	5375				
Prep Date:	8/31/2017	Analysis [Date: 9/	1/2017	5	SeqNo: 1	438119	Units: mg/H	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Berizene		0.90	0.025	1.000	0	89.9	80	120			
Toluene		0.91	0.050	1.000	0	91.2	80	120			
					-						
Ethylbenzene		0.93	0.050	1.000	0	93.2	80	120			
Ethylbenzene Xylenes, Total		0.93 2.8	0.050 0.10	1.000 3.000	0	93.2 94.7	80 80	120 120			

Qualifiers:

22.

- . 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
- Practical Quanitative Limit PQL
- % 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 J

Page 58 of 59

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

P

Sample container temperature is out of limit as specified w

WO#: 1708H01

11-Sep-17

C&C Landfarm

Client: **Project:**

C and C Landfarm NM01-012

						· · · · · · · · · · · · · · · · · · ·				
Sample ID 1708H01-035AMS	Samp	Type: MS	5	Tes	Code: El	PA Method	8021B: Vola	tiles		
Client ID: Cell I-3V	Batc	h ID: 33	656	F	tunNo: 4	5375		1		
Prep Date: 8/31/2017	Analysis (Date: 9/	1/2017	S	eqNo: 1	438121	Units: mg/M	٩		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Berzene	0.85	0.023	0.9268	0	92.0	80.9	132			
Toluene	0.87	0.046	0.9268	0	93.5	79.8	136			
Ethylbenzene	0.88	0.046	0.9268	0	95.2	79.4	140			
Xylenes, Total	2.7	0.093	2.780	0	95.9	78.5	142			
Surr: 4-Bromofluorobenzene	1.1		0.9268		117	66.6	132			
Sample ID 1708H01-035AMS	D Samp	Type: MS	SD	Tes	Code: El	PA Method	8021B: Volat	tiles		
Client ID: Cell I-3V	Batc	h ID: 33	856	F	unNo: 4	5375		-		
Prep Date: 8/31/2017	Analysis (Date: 9/	1/2017	S	eqNo: 1	438122	Units: mg/M	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.024	0.9737	0	93.2	80.9	132	6.21	20	
Toluene	0.93	0.049	0.9737	0	95.5	79.8	136	7.10	20	
Fthylbenzene	0.00	0.040	0 0737	0	08.2	794	140	803	20	
	0.90	0.049	0.8757	•	3 0.2	70.4		0.00	20	
Xylenes, Total	2.9	0.049	2.921	0	99.2	78.5	142	8.27	20 20	
(ylenes, Total Surr: 4-Bromofluorobenzene	0.98 2.9 1.2	0.097	2.921 0.9737	0	99.2 121	78.5 66.6	142 132	8.27 0	20 20 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
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Page 59 of 59

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

Р

Sample container temperature is out of limit as specified W

HALL HALL H ENVIRONMENTAL ANALYSIS LABORATORY 7	lali Environmental / Albua EL: 505-345-3975 J Website: www.hal	Analysis 4901 i querque FAX: 50 llenviron	Laboratory Hawkins NE , NM 87109 5-345-4107 unental.com	San	nple Log-In C	heck List
Cilent Name: C&C LANDFARM Wo	rk Order Number:	1708H	01		Reptino:	1
Received By: Isalah Ortiz 8/30/2 Completed By: Ashley Gallegos 8/30/2 Reviewed By: StLe 08/31/17	2017 9:50:00 AM 2017 3:32:07 PM		ב ק	ed Fj	-	
Chain of Custody						
1. Custody seals intact on sample bottles?		Yes		No 🗖	Not Present 🗹	
2. Is Chain of Custody complete?		Yes			Not Present 🗌	
3. How was the sample delivered?		<u>Court</u>	er		•	
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	Z	No 🗖	NA 🗆	
6. Sample(a) in proper container(a)?	•	Yes		No 🗆	· · · ·	
7. Sufficient sample volume for indicated test(e)?		Yes		No 🗆		
8. Are samples (except VOA and ONG) properly pres	erved?	Yes		No 🗆		
9. Was preservative added to bottles?		Yes		No 🗹	na 🗆	
10.VOA vials have zero headspace?		Yes		No 🗆	No VOA Vials 🗹	
11. Were any sample containers received broken?		Yes	⊔ ~	No 🗹	# of preserved bottles checked	
12. Does paperwork match bottle labels? (Note discremencies on chain of custody)		Yes		No	for pH: (<2 c	r >12 uniess noter
13. Are matrices correctly identified on Chain of Custor	ty?	Yes		No 🗔	Adjusted?	
14. Is it clear what analyses were requested?	•	Yes		No 🗆		
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No 🗀	Checked by:	
Special Handling (if applicable)						
16. Was client notified of all discrepancies with this ord	'er?	Yes	0		NA 🗹	
Person Notified:	Date				,]
By Whom:	Via: [eMa	il []] Phone	e 门 Fex	k 🔲 in Person	
Regarding:						
Client Instructions:	· · · · · · · · · · · · · · · · · · ·					

17. Additional remarks:

18. Cooler Information

Cooler No Terr	p C Condition	Seal Intact	Seal No	Seal Date	Signed By
1 1.0	Good	Yes			

. .

Page 1 of 1

C	hain-	of-Cu	stody Record	Turn-Around	Time:										TE	0			NIT /		
Client:	C+C	Lavis	Horns	Standard	C Rush				H	A		AL	YS	SIS	5 L	AE	BO	RA	TO	RY	r
				Project Name	9:						www	v.hal	lenv	iron	ment	al.co	m				
Mailing	Address	Box	55	CAC L	andfarm (NNOI- OIZ)		49	01 H	awki	ns N	IE -	Alb	uau	erqui	e. NI	M 87	109			. 3
Moor	ment	NM :	88265	Project #:	0	A 1	1	Te	al. 50	5-34	5-39	975	F	ax	505-	345-	4107	7			10
Phone	#: 575	. 397	. 2236	CFC	B1 -1	Honual			in de Sector			A	naly	sis	Req	uest					
email o	r Fax#: 5	eay o	40 leave - net	Project Mana	iger:		÷	(Alua	RO)					(*O	(0)				100		
QA/QC	Package:	1		J. Co	vego		802	as o	W			(S)		04,S	GB						
Stan	dard		Level 4 (Full Validation)		C.		B's	9	R			SIL)2,P(82 P						
	AP	D Othe	r	Sampler: 2,	NYes.	E No	P	E	10	8.1)	14.1)	8270		3,NC	/ 80		7				2 I
	(Type)			Sample Tem	perature: 1,C) ^a	H	-	ß	d 41	d 50	oc	tals	UNO,	sep	2	0	3			S o
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX + MTI	BTEX + MTI	TPH 8015B	TPH (Metho	EDB (Metho	PAH's (8310	RCRA 8 Me	Anions (F,C	8081 Pestic	3260B (VO/	3270 (Semi-	Chlorid			Air Bubbles
8127	6:30	50,1	Coll A-IV	1.403	100	- 001	V			J			_		-			\checkmark			
.,	2:00	31	CDR A - 2V	41	tı.	-002	V			1								J			
4	7:25	83	GDD A - 3V	11	11	-003	V			2								1			
11	7:55	U	V4 - A 962	11	1.	-004	V			V								2			
8127	8:20	Soil	Gel 8-1V	1-407	ice	-005	J			V								~			
ň	8:45	**	Cel B- 2V	11	ef	-006	1			J								2			
4	9:15		Gel B- 3V	U.	4	-007	V			1								V			
17	9:45	11	GO B- 4V	4.2	<i>t1</i>	-008	5			J								V			
8 37	10:20	Soil	(DO C- IV	1-403	100	-009	J			J								1			
4	10:45	10	(0) C - 2V	4	*1	-010	J			1								1			
*	11:30	1	Cel C- 3V	11	11	-011	1			~								V			
4	1130	м	Cell C. 4V	11	<i>u</i> ¹	-012	V			J								V			
Date:	Time: 8.00	Relinquish	usebilde	Received by:		8/29/17 080	Ren	nark	5	and	. vi	وع	It	6	5			1	_		
129/17	Time:	Relinquish	h	T. Oxfu	8	Date Time		5	sea	eq	٥	4	ଚ	l	دمه	5	• ^	el			

If hecessary, samples subjected 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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Client:	hain	of-Cu	Istody Record	Turn-Around	Time:					Н		LL	E	NV	IF	10	NN	1E	NT	AL	
	CH	La	udtarms	Standard	C Rush					A	N	AL	YS	SIS	5 L	AE	30	RA	TO	R	1
-				Project Name		C				,	www	.hal	lenvi	ron	ment	al.co	m				
Mailing	Address	Box	55	C+C	Landtown	(NW01-015)		49	01 H	awki	ns N	IE -	Alb	uque	erqui	e, NI	M 87	109			
Mou	IUMas	4 to	M SEALS	Project #:		0	1	Te	I. 50	5-34	5-39	75	F	ax	505-	345-	4107	7			
Phone #	#: 575	5.39	2.2236	C+C	B. An	look		1				A	naly	sis	Req	uest	1				
email o	Fax#:	Seay	or Q leaco.net	Project Mana	ger:		~	ly)	00					04)							
QAVQC I	Package:	l		170	COREV		021	s or	MF			6		4º.SC	E.						
🔰 Stan	dard		Level 4 (Full Validation)	3.	man		s (8	(Ga	00			SIM		8	2 PC						
Accredi	tation			Sampler: 6	. Sear		MB	Hd	D I	=	E	20		NO2	808.						E
	AP	Othe	۲	On Ice:	W Yes	也 No	Ŧ	+	SRO	418	504	r 82	50	03	S / 1		ŝ	1			or 1
	(Type)		1	Sample Tem	perature: 1	.0	TBE	TBE	80	B	po	100	etal	CI.N	cide	(¥	-i-	2			5
Destra	Time	Matrix	Comple Request ID	Container	Preservative		W+	W+	015	Meth	Meth	(83	8 M	s (F.	Pesti	SC	Sen	. 1			bble
Date	Ime	Matrix	Sample Request ID	Type and #	Туре	HEAL NO.	X	X	H 8	Ŧ	B	H's	RA	ion	81	608	70	R			Bu
						1708401	8	B	F	F	Ш	A	K	Ā	8	82	82	U	_	+	Ī
8/27	12:15	Sol	GUD- IV	1-43	100	-013	J			5								5			
: ,	12:40	17	GILD-2V		"	-0014	J			1								J			
r)	1:10	81	602 D-3V	10	11	-015	3			J								1			
12	1:30		COQ D-40	te	ч	-016	3											\checkmark			
8/27	2:30	501	600 E-1U	1- 403	102	-10-	V			1								2			
i,	2:55	Ŋ	(.00 E - 2V	e	e1	-018	V			~								V			Τ
= 1	3:20	11	Cel E-3V	м	1,	-019	1			$\overline{\mathbf{v}}$								1			
17	3:45	11	CUL E. 4U	11	/1	-020	1			~								\mathbf{v}			
8127	4:10	Sel	GDQ F - 1V	1-409	100	-021	V			1								1			
	4:25	U	600 F - 2V	v	11	-022	V			V.								1			
ti -	4:50	*1	COQ F - 3V	11	10	-023	V			J								V			
£*	5:15	.1	CO F - 4V	"	ų	-024	J			1								V			
Date:	Time:	Ralinquish	ed by:	Received by	1	Date Time	Rer	nark	S:)			00		t							
0129	8:00	Edde	, Wilson	AL	~	X2217 080	2	5	ard	, ve	2		1	~		5	+				
Date	Time:	Relinquich	My /	Received by:	1	Date Time		50	ay	9	4 (P.	لعم	Lap	-	nq	J				
17/17	1900	1.8	N/	IG	the	8 30 17 0950															

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.

Client	hain	-of-Cu	Istody Record	Turn-Around	Time:					н		LL	EI	NV	IR	20	N	1E	NT/	AL	
Gilent.	Ct	C has	ntorm	X Standard	🗆 Rush					A	N	AL	YS	IS	5 L	A	30	RA	TO	R	r
				Project Name):					`	www	.hall	envi	ronn	ment	al.co	m				
Mailing	Address	Ba	55	CHC	Landform	(NM 01- 012)		49	01 Ha	awkii	ns N	E -	Alb	uque	erque	e, NI	M 87	109			
Mor	Nu m	A	NM 88265	Project #:	- · · A	1	1	Те	I. 50	5-34	5-39	75	F	ax	505-	345-	4107	7			
Phone #	#: 575	. 39:	2.2236	CHC	5, K	nucal						A	naly	sis	Req	uest	t				
email o	r Fax#:	socy	or e lease net	Project Mana	ger:		((ylu)	(0)					(7)						T	
QA/QC I	Package:	(JC	MALY		3021	IS O	ME			6		4.S(B						
🕽 Stan	idard		Level 4 (Full Validation)		Seb-2.		s's (8	Ő	8			SIM		PG.	2 PC						
Accredi	tation		-	Sampler: G	Seary		TMB	HH	0.0	E	=	520		0N	808						î
			er	On Ice:	MYes '	I No	+	+	SRO	418	504	or 8	5	Š	es /		8	2			ō
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type		ITEX + MTBI	ITEX + MTBI	PH 8015B (0	PH (Method	DB (Method	AH's (8310	CRA 8 Meta	mions (F,Cl,I	081 Pesticid	260B (VOA)	270 (Semi-V	Chlinds			ir Bubbles ()
8/27	5:40	Soil	GOOG = IV	1-403	1000	- 025	J			J	-	0	<u> </u>	4	80	80	80	.1	+	+	4
NT .	6:00	1	COD G - DV	4	11	-026	1				1									+	
11	6.20	4	C.D. G - 3V	rt	4	-027	1			1	1							1		+	+
11	LISD	11	co = 4v	41	4	-028	1			1				-				J	-	+	+
8/28	1:20	51	C-08 H- 11	1-400	100	-029	J			žt								Ť	-	+	+
elvo -	1:55	11	GPO H- 2V	11	•/	-030	J			Ĵ								V		T	
	7:25	=	C.10 H - 3.V	11	1/	-031	1			3								J		1	
and the pair of the second	2:45	1/	COOL H- 4V	17	4	-032	1			21								1		T	
8/28	8:10	Soil	(DI I- 1)	1-403	100	-033	1			5								J			
	8:30	0	600 T. 2V	u	17	-034	1			J								2		T	T
	8:55	Le	(.00 I - 3V	v	11	-035	J			J								V		T	
	9:15	1	CUL I-4V	4	61	-036	V			1								V		T	
Date:	Time:	Relinquish	od by: Jean	Receivedoy	- 8	Date Time	Ren	nark	5	nd	- f.	200	Se.	4	d			L			
Pate:	Time:	Relinquigh	h	Received by: T. Oak	- 8	Date Time			se	ay	Q	4 (0	9	acc	•	Ne	t			

If necessary, samples examines 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.

Client: Mailing	Ch-(of-Cu	Istody Record	Turn-Around	Time: Rush Cond Fou	(1) 11 1 - 217				HA		LL AL	EI YS	NV SIS	IF 5 L ment		N 30	RA	NT	AL	Y
Mar		L di	SS GKOLE	Project #:		A COMOTONZ		49	D1 Ha	awki 5 24	ns N	E -	Alb	uque	erqu	e, NI	M 87	109			
Phone	#: 575	. 392	, 2236	C+C	BI-X	Innuel		16	1. 50	9-34	0-35	A	naly	sis	Req	uest	410	/			
email o QA/QC	r Fax#: Package: ndard	Soary	□ Level 4 (Full Validation)	Project Mana	ger: Cooper	J	s (8021)	(Gas only)	(O / MRO)			IMS)		PO4,SO4)	PCB's						
Accred	itation			Sampler: G	. Sear		MB's	H	DR	Ŧ	=	70 8		102,	082						9
O NEL	AP	□ Othe	۲	On Ice:	Serves 1	D No	L +	1+	RO	418.	504.	r 82	\$	03.1	S / 8		(X				orv
	(Type)			Sample Tem	perature: 1.C	joc	TBE	TBE	B (G	Po	Po	100	etal	C'N	cide	F	N-I	9			2 S
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX + M	BTEX + M	TPH 8015	TPH (Meth	EDB (Meth	PAH's (83	RCRA 8 M	Anions (F.	8081 Pesti	8260B (VC	8270 (Sem	Ch is			Air Bubble
8/28	9:40	Sail	Call J- IV	1-402	ice	-037	J			1								J			
u	10:01		COL J- 2V		d	-038	J			V								V			
U	10:25	M	CLE J. JV	v	4	-039	5			1								J			
U.	10:55	11	100 J- 4U	uL	U	-040	J			1								V			
8/29	u:25	Soil	GRR K- IV	1-403	in	-041	2			\mathcal{I}								1			
1	11:40	U	COR K- 2V	"	U	-042	J			J								2			
4	12:10	"	Cel K- 3V	1e	u	-043	J			1								J			
.1	12:35	9	COL K-4V	15	N/	-044	J			J								2			
8/28	1:30	Soil	COQ L - IV	1-403	100	-045	J			J								J			
И	11.55	Ч	G20 L- 2V	11	11	-040	V			V								V			
L	2.30	W	CORL-31	¢j	U	-047	V			1								2			
11	2145	u	Gel L - 4V	17		-048	V											V			
8 29	Time:	Relinquish	Allen	Spt		Andir 080	Ren	nark	3: Ser	nd	Re	su	07	-+	5			.)			
3 29/17	Time:	Relinquist	M-	I. Ort	5 8	30/17 09:55			S	201	10	4 (9	2	au	• 0	n	te			
1 11/1	f necessary.	sample ubr	my to Hall Environmental may be subc	ontracted to other ad	credited laboratorie	a. This serves as notice of this	possit	offty. I	Any sut	-cont	racted	data	wil be	cieari	y nota	ted on	the a	nalytic	al repor	t.	

Client: Mailing		Box	Istody F Laur Fa 55 NM	Record	Turn-Around Project Name C+C La Project #: C+C	Time: Rush and Form (Br)	NMOI-012) Amur		49 Te	01 H	H A awkin 5-34	NAL NWW. ns NE 5-397	halle E - /	EN (SI nviro) Albuq Fax	VI SI uerqu 505	RO Al Ital.co Ital.co Ital.co Ital.co Ital.co	om M 87 -410	7109	NT	r
email o QA/QC IS Star Accred	Package: ndard litation	Seare of the	□ Level 4 (Full Validation)	Project Mana 3. C Sampler: 6. On Ice:	iger: Dogr en Sean E Yes		E + TMB's (8021)	E + TPH (Gas only)	SRO / DRO / MRO)	418.1)	504.1)	or B270 SIMS)	IS 102.NO2.PO4.SO4)	es / 8082 PCB's		OA)	م		or N)
Date	Time	Matrix	Sample	Request ID	Container Type and #	Preservative Type	HEAL NO.	BTEX + MTBE	BTEX + MTBE	TPH 8015B (0	TPH (Method	EDB (Method	PAH's (8310 c	Anions (F.CI.N	8081 Pesticide	8260B (VOA)	8270 (Semi-V	e aliva Ro		Air Bubbles (Y
8/28	3:10	Soil	Coler	1- IV	6403	100	-049	J			1							5		
ŭ	3:35	4	600 M	1-20	11	ч	-050	1			1							J		
v	4:00	4	CULT	1-3V	te	1e	-051	J			J							1	-	
ц 	425	6	CUL T	1- 4v		*(-052	J			J							V		
Date: 8139 Date:	Time: 8:00 Time: ///00	Relinquish	ed by:	non l	Received by: Received by:		Date Time B 2 1 7 0 8 Date Time B 0 1 7 0 9 50	Ren	narks	:: ∡u	2 5	ves 04		10		· ^				

