

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Synergy Operating, LLC	Contact: Thomas E. Mullins
Address: PO Box 5513, Farmington, NM 87499	Telephone No.: (505) 325-5449
Facility Name: Tayler 29-13	Facility Type: Well Location

Surface Owner: BLM	Mineral Owner	API No.: 30-043-20569
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	29	21N	3W	990'	FSL	990'	FEL	Sandoval

Latitude 36.01618 N Longitude -107.18478 W

NATURE OF RELEASE

Type of Release: Oil and Water Spill	Volume of Release: 45 bbls+/-	Volume Recovered: 17.5 bbls +/-
Source of Release: Wellhead / Stuffing Box Leak	Date and Hour of Occurrence	Date and Hour of Discovery:
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith (NMOCD) & Lucas Vargo (BLM) @ 2:35 pm on 7/13/2015	
By Whom?: Justin Ingram & Tom Mullins	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

AUG 09 2016

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

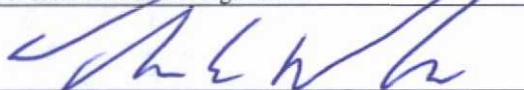
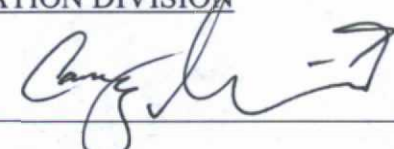
Stuffing Box leaked and spilled oil and produced water on the well location. Two larger pools, one East of wellhead and one West of the wellhead. The fluids traveled in a narrow channel downslope to a second tier of the permitted well location. We immediately notified BLM and NMOCD personnel. We mobilized a water truck to collect 17.5 bbls of fluid and placed it into the water tank on location to separate and be collected. We mobilized a back hoe and roustabout crew with shovels to collect the impacted soils and stockpile them on the location to prevent further impacts. Concern was of possible severe rain event, which could negatively impact the site.

See Attached Description of Work Performed and Test Results Taken during completion of Remedial Activity

Describe Area Affected and Cleanup Action Taken.*

See Attached Description of Work Activity Performed and Test Results and Clean-up Actions

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Thomas E. Mullins	Approved by Environmental Specialist: 	
Title: Engineering Manager	Approval Date: 8/26/16	Expiration Date:
E-mail Address: tom.mullins@synergyoperating.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 08/08/2016 Phone: (505) 320-1751		

* Attach Additional Sheets If Necessary

#Hoes 1519 45 2678

(61)

Synergy Operating, LLC
Tayler 29-13
FINAL DETAILED
C-141 SUPPORT INFORMATION AND MATERIALS
8/8/2016

Date	Activity
7/13/2015	Spill Identified, NMOCD and BLM Notified, Initial Clean-up and Containment
7/14/2015	E-mail initial pictures. Site Visit with BLM & NMOCD. Submit Remediation Plan Initially via e-mail.
7/20/2015	Submit Initial C-141 Documents and Remediation Plan. NMOCD Approval to proceed.
7/24/2015	Initial Soil Sampling Meeting. Identify additional hand-shoveling work to be done and additional minor amount of backhoe work to be performed.
7/27/2015	Pumpjack Powerwashed.
7/30/2015	Haul Stockpiled Soils to Envirotech (28 yards)
7/31/2015	Haul Stockpiled Soils to Envirotech (20 yards)
8/12/2015	E-mailed updated status on remediation
8/14/2015	Soil sampling taken, witnessed by Lucas Vargo (BLM) & Cory Smith (OCD)
8/18/2015	Soil sampling Report # 1 completed
8/26/2015	E-mail of Sampling Results # 1 to BLM & NMOCD
9/4/2015	Discussed sampling results with Cory Smith (OCD), Plan additional sample
9/9/2015	Confirmed to proceed with final sampling without witness
9/9/2015	Soil sampling taken, will test for BTEX this time.
9/16/2015	Soil sampling Report # 2 completed
9/25/2015	E-mail of Sampling Results # 2 to BLM & NMOCD
9/28/2015	NMOCD approval to backfill excavated areas.
5/11/2016	NMOCD inspection – Need to haul off final stockpiled soils
5/13/2016	Haul stockpiled soils to Envirotech (10 yards)
5/17/2016	Haul stockpiled soils to Envirotech (32 yards) – Completed Remediation
7/28/2016	Audit request and e-mail to finalize C-141
8/5/2016	E-mail indicating Final C-141 will be filed 8/8/2016

Total soils hauled to Envirotech Land Farm from Spill: 90 yards

Additionally, The next time this well is pulled, the entire stuffing box assembly will be removed and replaced to help ensure this type of spill cannot happen in the future. The stuffing box spill containment system will also have a float installed to kill the pumpjack engine as an additional safety/environmental protection device.

Synergy respectfully requests final approval of this Final C-141 Report related the undesirable event that occurred on 7/13/2015.

Submitted by Thomas E. Mullins

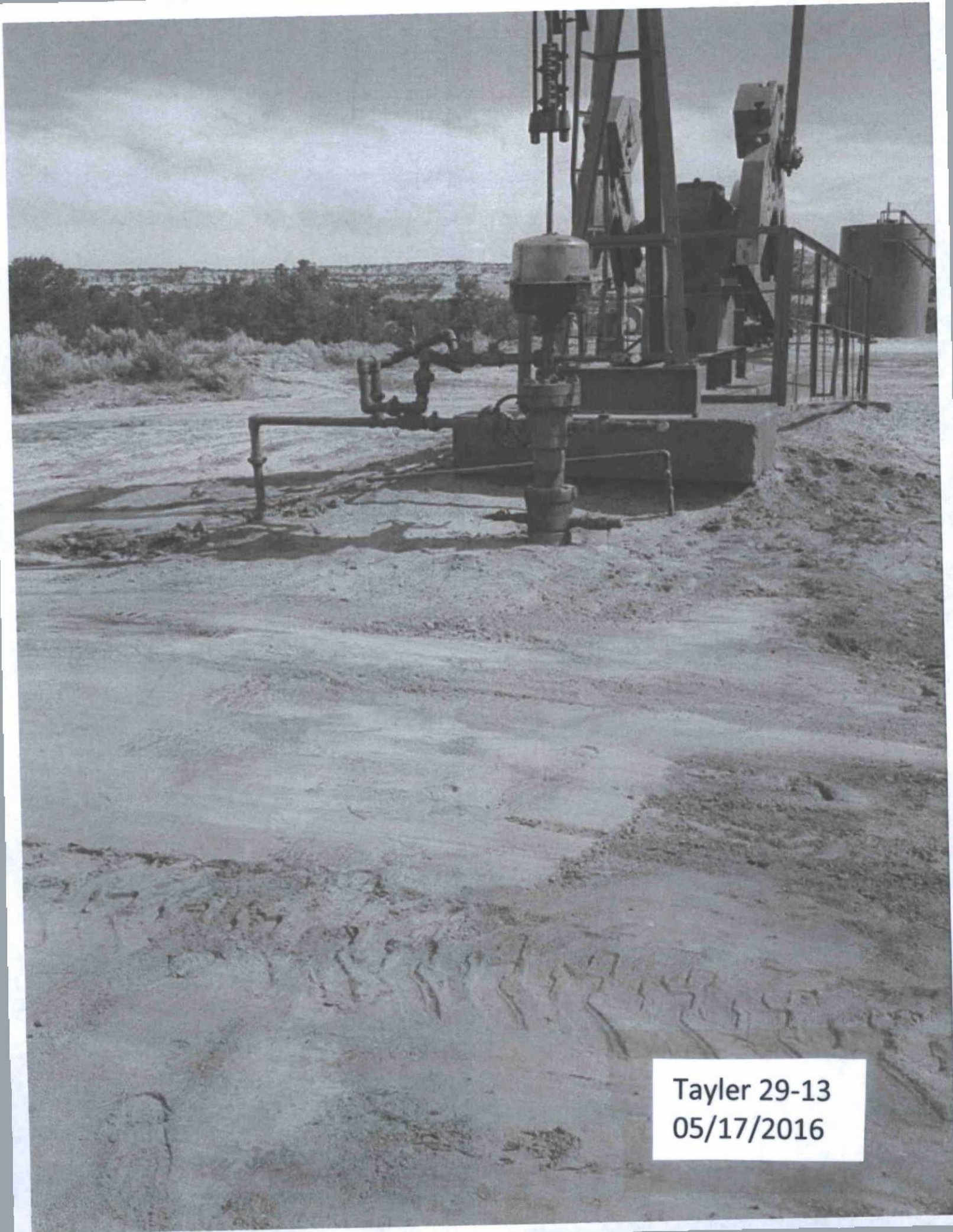
Synergy Operating, LLC

Tayler 29-13

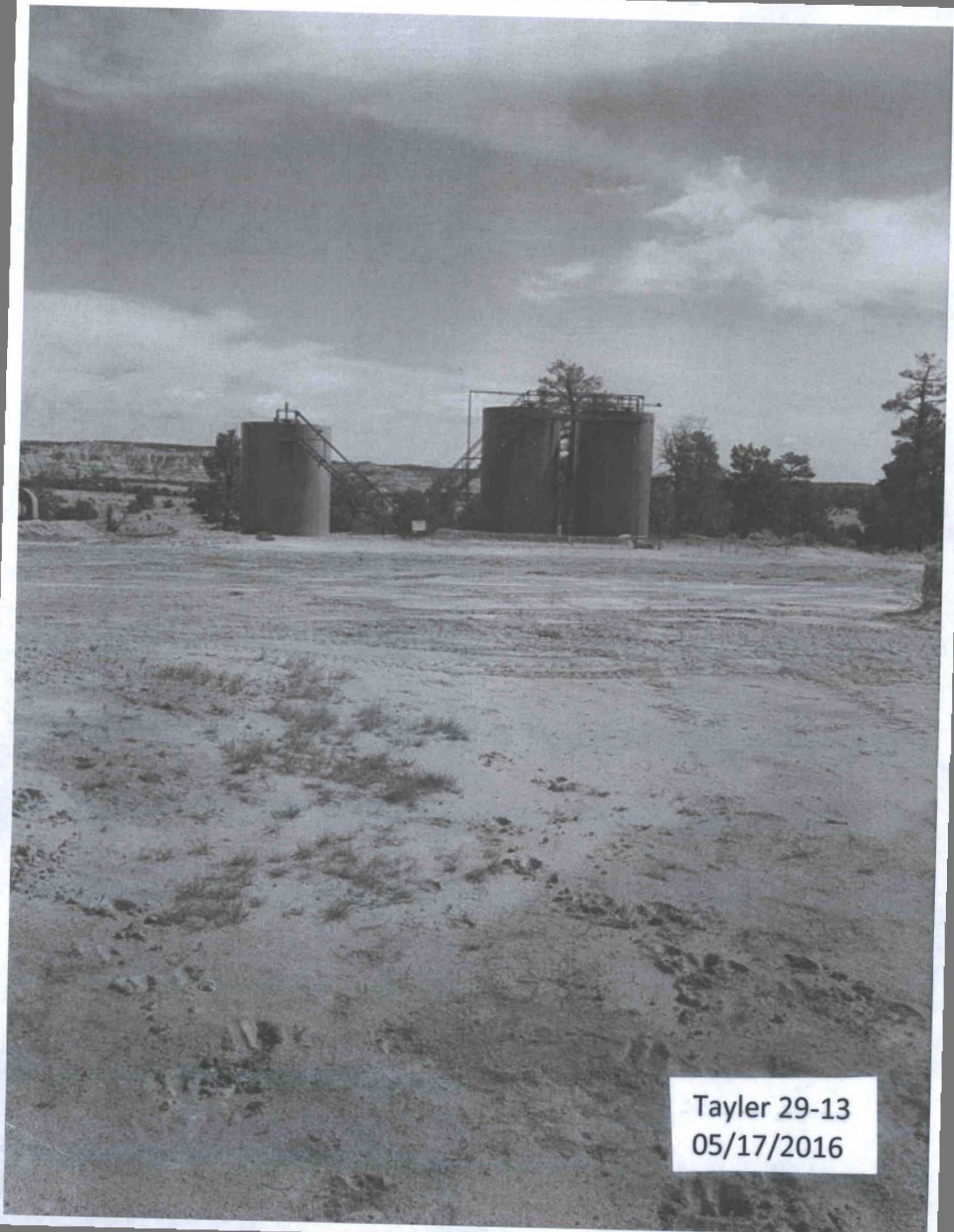
Pictures related to Tayler 29-13

7/13/2015 Initial Spill Pictures

5/17/2016 Final Remediation Pictures



Tayler 29-13
05/17/2016



Tayler 29-13
05/17/2016



Spill on well pad area



Spill on well pad area



7/13/2015



Initial Spill Picture

7/13/2015

Synergy Operating, LLC

Tayler 29-13

Envirotech Soil Volume Receipts

7/30/2015	28 Yards
7/31/2015	20 Yards
5/13/2016	10 Yards
5/17/2016	32 Yards
Total:	90 Yards



envirotech

Bill of Lading

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

GENERATOR Savage
 POINT OF ORIGIN Taylor 29-1
 TRANSPORTER B-B-VUC
 DATE 7-31-15 JOB # 02028-001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF II	CON+SOIL	T3	20	—		BD 1	1010	<i>[Signature]</i>
				20					

RESULTS		LANDFARM EMPLOYEE	NOTES
CHLORIDE TEST	1		
PAINT FILTER TEST	1	Certification of above receipt & placement	

ENTERED AUG 05 2015

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: White - Company Records, Yellow - Billing, Pink - Customer, Goldenrod - LF Copy



MANIFEST # 04021

GENERATOR Synergy

POINT OF ORIGIN hwy 29-13TRANSPORTER BEB VAC

DATE 5-17-16 JOB # 02028-0012

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load.

Generator Onsite Contact	Phone
--------------------------	-------

Signatures required prior to distribution of the legal document.

DISTRIBUTION: **White** - Company Records, **Yellow** - Billing, **Pink** - Customer, **Goldenrod** - LF Copy

Synergy Operating, LLC

Tayler 29-13

Envirotech Analytical Reports

Report Dated 8/24/2015

Report Dated 9/16/2015

3 Samples Taken 8/14/2015

2 Samples Taken 9/9/2015



Analytical Report

Report Summary

Client: Synergy Operating
Chain Of Custody Number:
Samples Received: 8/18/2015 9:07:00AM
Job Number: 02028-0004
Work Order: P508051
Project Name/Location: Tayler 29-13

Entire Report Reviewed By:

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

Date: 8/24/15

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
24-Aug-15 07:59

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
#1 J-Spot Narrow Path	P508051-01A	Soil	08/14/15	08/18/15	Glass Jar, 4 oz.
#2 J-Pot West of Wellhead	P508051-02A	Soil	08/14/15	08/18/15	Glass Jar, 4 oz.
#3 J-Spot East of Wellhead	P508051-03A	Soil	08/14/15	08/18/15	Glass Jar, 4 oz.

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Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
24-Aug-15 07:59

#1 J-Spot Narrow Path
P508051-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	19.9	mg/kg	1	1534019	08/18/15	08/21/15	EPA 8015D	
Diesel Range Organics (C10-C28)	652	25.0	mg/kg	1	1534022	08/19/15	08/20/15	EPA 8015D	
Surrogate: o-Terphenyl		125 %		50-200	1534022	08/19/15	08/20/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		103 %		50-150	1534019	08/18/15	08/21/15	EPA 8015D	
Cation/Anion Analysis									
Chloride	ND	9.83	mg/kg	1	1534021	08/19/15	08/19/15	EPA 300.0	

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laboratory@envirotech-inc.com



Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
24-Aug-15 07:59

#2 J-Pot West of Wellhead
P508051-02 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	36.1	19.9	mg/kg	1		1534019	08/18/15	08/21/15	EPA 8015D	
Diesel Range Organics (C10-C28)	707	25.0	mg/kg	1		1534022	08/19/15	08/20/15	EPA 8015D	
Surrogate: o-Terphenyl		108 %		50-200		1534022	08/19/15	08/20/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		107 %		50-150		1534019	08/18/15	08/21/15	EPA 8015D	
Cation/Anion Analysis										
Chloride	ND	9.97	mg/kg	1		1534021	08/19/15	08/19/15	EPA 300.0	

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Synergy Operating
 PO Box 5513
 Farmington NM, 87499

 Project Name: Tayler 29-13
 Project Number: 02028-0004
 Project Manager: Tom E. Mullins

Reported:
 24-Aug-15 07:59

#3 J-Spot East of Wellhead
P508051-03 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1		1534019	08/18/15	08/21/15	EPA 8015D	
Diesel Range Organics (C10-C28)	272	25.0	mg/kg	1		1534022	08/19/15	08/20/15	EPA 8015D	
Surrogate: o-Terphenyl		115 %		50-200		1534022	08/19/15	08/20/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		105 %		50-150		1534019	08/18/15	08/21/15	EPA 8015D	
Cation/Anion Analysis										
Chloride	11.9	9.83	mg/kg	1		1534021	08/19/15	08/19/15	EPA 300.0	

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Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
24-Aug-15 07:59

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1534019 - Purge and Trap EPA 5030A										
Blank (1534019-BLK1)				Prepared: 18-Aug-15 Analyzed: 20-Aug-15						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.316		"	0.320		98.9	50-150			
LCS (1534019-BS1)				Prepared: 18-Aug-15 Analyzed: 20-Aug-15						
Gasoline Range Organics (C6-C10)	475	20.0	mg/kg	392		121	80-120			SPK1
Surrogate: 4-Bromochlorobenzene-FID	0.323		"	0.320		101	50-150			
Matrix Spike (1534019-MS1)				Source: P508045-01 Prepared: 18-Aug-15 Analyzed: 20-Aug-15						
Gasoline Range Organics (C6-C10)	469	20.0	mg/kg	392	ND	120	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.324		"	0.319		101	50-150			
Matrix Spike Dup (1534019-MSD1)				Source: P508045-01 Prepared: 18-Aug-15 Analyzed: 20-Aug-15						
Gasoline Range Organics (C6-C10)	453	20.0	mg/kg	392	ND	115	75-125	3.49	15	
Surrogate: 4-Bromochlorobenzene-FID	0.323		"	0.320		101	50-150			

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Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
24-Aug-15 07:59

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1534022 - DRO Extraction EPA 3550M

Blank (1534022-BLK1)

Prepared & Analyzed: 19-Aug-15

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	48.3		"	40.0		121	50-200			

LCS (1534022-BS1)

Prepared & Analyzed: 19-Aug-15

Diesel Range Organics (C10-C28)	561	25.0	mg/kg	500		112	38-132			
Surrogate: o-Terphenyl	45.2		"	40.0		113	50-200			

Matrix Spike (1534022-MS1)

Source: P508045-01

Prepared & Analyzed: 19-Aug-15

Diesel Range Organics (C10-C28)	583	25.0	mg/kg	499	ND	117	38-132			
Surrogate: o-Terphenyl	44.6		"	39.9		112	50-200			

Matrix Spike Dup (1534022-MSD1)

Source: P508045-01

Prepared & Analyzed: 19-Aug-15

Diesel Range Organics (C10-C28)	585	24.9	mg/kg	499	ND	117	38-132	0.329	20	
Surrogate: o-Terphenyl	46.2		"	39.9		116	50-200			

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Synergy Operating PO Box 5513 Farmington NM, 87499	Project Name: Tayler 29-13 Project Number: 02028-0004 Project Manager: Tom E. Mullins	Reported: 24-Aug-15 07:59
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Cation/Anion Analysis - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1534021 - Anion Extraction EPA 300.0										
Blank (1534021-BLK1)				Prepared & Analyzed: 19-Aug-15						
Chloride	ND	9.87	mg/kg							
LCS (1534021-BS1)				Prepared & Analyzed: 19-Aug-15						
Chloride	508	9.94	mg/kg	497		102	90-110			
Matrix Spike (1534021-MS1)				Source: P508045-01 Prepared & Analyzed: 19-Aug-15						
Chloride	583	9.95	mg/kg	498	70.4	103	80-120			
Matrix Spike Dup (1534021-MSD1)				Source: P508045-01 Prepared & Analyzed: 19-Aug-15						
Chloride	574	9.83	mg/kg	491	70.4	103	80-120	1.54	20	

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Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
24-Aug-15 07:59

Notes and Definitions

SPK1 The spike recovery is outside of quality control limits.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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laboratory@envirotech-inc.com

Client: SYNERGY
 Project: TAYLOR 29-13
 Sampler: TOM MULLINS
 Phone: 505-320-1751
 Email(s):
 Project Manager: TOM MULLINS

RUSH?

☐ 1d
☐ 3d

Lab Use Only		Analysis and Method				Lab Only	
Lab WO#		GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0		
Job Number							
P608051							
02028-0004							

Page 1 of 1

Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative	GRO/DRO by 8015	BTEX by 8021	TPH by 418.1	Chloride by 300.0			Lab Number	Correct Cont/Prsrv (s) Y/N
#1 5-SPOT NARROW PATH	8/14	11:20	SOIL	JAR - NONE	X			X			1	Y
#2 5-SPOT WEST of wellhead	8/14	11:26	↓	JAR - NONE	X			X			2	Y
#3 5-SPOT EAST of wellhead	8/14	11:35	↓	JAR - NONE	X			X			3	Y
WITNESSED BY <u>LUCAS VARGAS</u> <u>LOREY SMITH</u> MOVED TO FRIDGE OVER WEEKEND, TRANSPORTED IN COOLER THROUGHOUT												
Relinquished by: (Signature) <u>[Signature]</u> Date <u>8-18</u> Time <u>9:05</u> Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) <u>[Signature]</u> Date <u>8.18.15</u> Time <u>09:07</u> Received by: (Signature) _____ Date _____ Time _____												
Lab Use Only **Received on Ice (Y) / N T1 <u>10.8</u> T2 <u>12.1</u> T3 <u>11.4</u> AVG Temp °C <u>11.4</u>												

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 8C on subsequent days.

☐ Sample(s) dropped off after hours to a secure drop off area.

Chain of Custody

Notes/Billing Info:

E-mail or mail



5796 US Highway 64, Farmington, NM 87401
 Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1065
 Ph (970) 259-0615 Fx (970) 362-1879

Page 10 of 10



Analytical Report

Report Summary

Client: Synergy Operating
Chain Of Custody Number:
Samples Received: 9/9/2015 1:26:00PM
Job Number: 02028-0004
Work Order: P509014
Project Name/Location: Tayler 29-13

Entire Report Reviewed By:

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

Date: 9/16/15

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
16-Sep-15 08:11

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
#1- 5 Spot Wellhead	P509014-01A	Soil	09/09/15	09/09/15	Glass Jar, 4 oz.
#2- 5 Spot Wellhead	P509014-02A	Soil	09/09/15	09/09/15	Glass Jar, 4 oz.

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 PO Box 5513
 Farmington NM, 87499

 Project Name: Tayler 29-13
 Project Number: 02028-0004
 Project Manager: Tom E. Mullins

Reported:
 16-Sep-15 08:11

#1- 5 Spot Wellhead
P509014-01 (Solid)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1538008	09/15/15	09/15/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1538008	09/15/15	09/15/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1538008	09/15/15	09/15/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1		1538008	09/15/15	09/15/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1538008	09/15/15	09/15/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1		1538008	09/15/15	09/15/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1		1538008	09/15/15	09/15/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		100 %		50-150		1538008	09/15/15	09/15/15	EPA 8021B	

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Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
16-Sep-15 08:11

**#2- 5 Spot Wellhead
P509014-02 (Solid)**

Analyte	Result	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units							
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1	1538008	09/15/15	09/15/15	EPA 8021B		
Toluene	ND	0.10	mg/kg	1	1538008	09/15/15	09/15/15	EPA 8021B		
Ethylbenzene	ND	0.10	mg/kg	1	1538008	09/15/15	09/15/15	EPA 8021B		
p,m-Xylene	ND	0.20	mg/kg	1	1538008	09/15/15	09/15/15	EPA 8021B		
o-Xylene	ND	0.10	mg/kg	1	1538008	09/15/15	09/15/15	EPA 8021B		
Total Xylenes	ND	0.10	mg/kg	1	1538008	09/15/15	09/15/15	EPA 8021B		
Total BTEX	ND	0.10	mg/kg	1	1538008	09/15/15	09/15/15	EPA 8021B		
Surrogate: 4-Bromochlorobenzene-PID		101 %		50-150	1538008	09/15/15	09/15/15	EPA 8021B		

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5796 US Highway 64, Farmington, NM 87401

Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com



Synergy Operating
PO Box 5513
Farmington NM, 87499

Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
16-Sep-15 08:11

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1538008 - Purge and Trap EPA 5030A

Blank (1538008-BLK1)

Prepared & Analyzed: 15-Sep-15

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.316		"	0.320		98.7	50-150			

LCS (1538008-BS1)

Prepared & Analyzed: 15-Sep-15

Benzene	21.1	0.10	mg/kg	20.0		105	75-125			
Toluene	22.2	0.10	"	20.0		111	70-125			
Ethylbenzene	23.1	0.10	"	20.0		116	75-125			
p,m-Xylene	47.0	0.20	"	40.0		118	80-125			
o-Xylene	23.2	0.10	"	20.0		116	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.328		"	0.320		103	50-150			

Matrix Spike (1538008-MS1)

Source: P509012-01

Prepared & Analyzed: 15-Sep-15

Benzene	22.1	0.10	mg/kg	20.0	ND	111	75-125			
Toluene	23.2	0.10	"	20.0	ND	116	70-125			
Ethylbenzene	23.5	0.10	"	20.0	ND	117	75-125			
p,m-Xylene	48.8	0.20	"	40.0	ND	122	80-125			
o-Xylene	24.2	0.10	"	20.0	ND	121	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.327		"	0.320		102	50-150			

Matrix Spike Dup (1538008-MSD1)

Source: P509012-01

Prepared & Analyzed: 15-Sep-15

Benzene	22.4	0.10	mg/kg	20.0	ND	112	75-125	1.13	15	
Toluene	23.7	0.10	"	20.0	ND	118	70-125	2.27	15	
Ethylbenzene	24.1	0.10	"	20.0	ND	120	75-125	2.49	15	
p,m-Xylene	49.7	0.20	"	40.0	ND	124	80-125	1.90	15	
o-Xylene	24.7	0.10	"	20.0	ND	123	75-125	2.05	15	
Surrogate: 4-Bromochlorobenzene-PID	0.327		"	0.320		102	50-150			

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Synergy Operating
PO Box 5513
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Project Name: Tayler 29-13
Project Number: 02028-0004
Project Manager: Tom E. Mullins

Reported:
16-Sep-15 08:11

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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laboratory@envirotech-inc.com

Lab Use Only	Analysis and Method					Lab Only
Lab WO#	RO by 8015	8021	418.1	te by 300.0		
P509014						
Job Number						
02028-0004						
of						

[illegible]

Synergy Operating, LLC

Tayler 29-13

Relevant E-mail Correspondence regarding remediation activities on Tayler 29-13.

Tom Mullins

From: Tom Mullins <tom.mullins@synergyoperating.com>
Sent: Wednesday, August 12, 2015 9:48 AM
To: 'Vargo, Lucas'
Cc: 'Smith, Cory, EMNRD'; 'Kelly, Jonathan, EMNRD'; 'Justin Ingram'; 'Calvin Parson'; 'John Brenna'; 'Powell King'; 'Donna Hummel'
Subject: RE: Update - RE: Tayler 29-13 - C-141 Submittal

Lucas and everyone,

I spoke with Lucas this morning on the phone. He indicated that he went out with Cory Smith (and another OCD inspector) the other day to view the 29-13 wellsite. We of course have been getting pounded down in that area with rain.

We have removed the original stockpiled soils to Envirotech's land farm on July 30th and 31st.

- a) We did power wash the pumpjack on July 27th, but apparently did not remove those soils impacted from the powerwashing.
- b) Synergy will stockpile those soils from the powerwashing that have been impacted on Thursday (Aug 13th).
- c) Apparently the pumpjack just does not look good, so Synergy will be repainting that equipment as well.
- d) Synergy will use the good clean base soil around the pumpjack where the powerwashing dirty things up.
- e) We had according to our bucket gauge over 5" of water in one storm the other day. We have been very cognizant to look for any other soils that may have been impacted when it dries out enough to see.
- f) I would like to perform the testing at 11 am, this Friday, August 14th, since the weather looks good.
- g) Following a review of the testing results by NMOCD and BLM we will then fill in the excavated areas on the well pad, and tidy any last items up.

Does Friday at 11 am work for everyone to meet on the 29-13 location for sampling?

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 – Cell
505-599-4905 – Office

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Tuesday, July 28, 2015 9:03 AM
To: 'Vargo, Lucas'
Cc: 'Smith, Cory, EMNRD'; 'Kelly, Jonathan, EMNRD'; 'Justin Ingram'; 'Calvin Parson'; 'John Brenna'; 'Powell King'; 'Donna Hummel'
Subject: Update - RE: Tayler 29-13 - C-141 Submittal

We are still trying to finish cleaning up the last few spots of staining. We have been getting some rain, which has caused some delays down around the well location, which need to fully dry out.

I would like to push back the sampling into next week due to anticipated weather issues to make sure we have everything addressed, and the soils are visibly dry from the rains. As Lucas and Jonathan can attest driving into the well location during wet weather is challenging to say the least.

So sampling date to be determined, as soon as I know more we will schedule. Synergy will begin to haul soils to Envirotech (they have the C-138 form) per the remediation plan in the interim, stockpiling the replacement soil which will be delivered to location, waiting to spread it until we have completed our testing and received acceptable results.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 – Cell
505-599-4905 – Office

From: Tom Mullins [<mailto:tom.mullins@synergyoperating.com>]
Sent: Friday, July 24, 2015 2:59 PM
To: 'Vargo, Lucas'
Cc: 'Smith, Cory, EMNRD'; 'Kelly, Jonathan, EMNRD'; 'Justin Ingram'; 'Calvin Parson'; 'John Brenna'; 'Powell King'; 'Donna Hummel'
Subject: RE: Tayler 29-13 - C-141 Submittal

Everyone,

Justin Ingram, Lucas Vargo and I met at the wellsite. Upon inspection there appeared to be some additional hand shoveling work to be done and a minor amount of backhoe work to be done on the well pad. With the weather drying out our visual inspection indicated we needed to do some more work.

Synergy has a crew lined up to do some additional work on the location tomorrow. We will reschedule the sampling for the middle of next week. Tentatively, Wednesday the 29th at 11 am.

Thanks for everyone's patience. No sense sampling at present with additional work to be done.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 – Cell
505-599-4905 – Office

From: Vargo, Lucas [<mailto:lvargo@blm.gov>]
Sent: Friday, July 24, 2015 8:21 AM
To: tom mullins
Cc: Smith, Cory, EMNRD; Kelly, Jonathan, EMNRD; Justin Ingram; Calvin Parson; John Brenna; Powell King; Donna Hummel
Subject: Re: Tayler 29-13 - C-141 Submittal

Tom,

I will be there this morning at 11 to witness the sampling. See you there.

Thanks,

Lucas Vargo

Surface and Reclamation Specialist
BLM-Rio Puerco Field Office
Cuba Field Station
office: (575) 289-0068
cell:(505) 793-1819

"I like to see a man proud of the place in which he lives. I like to see a man live so that his place will be proud of him." -Abraham Lincoln

On Fri, Jul 24, 2015 at 7:52 AM, tom mullins <tom.mullins@synergyoperating.com> wrote:
Okay. We will take pictures as well

Sent from Tom's phone.

----- Original message -----

From: "Smith, Cory, EMNRD" <Cory.Smith@state.nm.us>
Date: 07/24/2015 7:09 AM (GMT-07:00)
To: Tom Mullins <tom.mullins@synergyoperating.com>
Cc: "Kelly, Jonathan, EMNRD" <Jonathan.Kelly@state.nm.us>, 'Justin Ingram' <nevertoslow1247@gmail.com>, 'Calvin Parson' <cparson@blm.gov>, 'John Brenna' <jbrenna@blm.gov>, 'Powell King' <pkings@blm.gov>, 'Donna Hummel' <dhummel@blm.gov>, "'Vargo, Lucas'" <lvargo@blm.gov>
Subject: RE: Tayler 29-13 - C-141 Submittal

Tom,

Thank you for the reminder, I have it down on the schedule and will see if I can get an inspector or myself onsite. However if we are not there at 11am please continue without us.

Thank you,

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 115

cory.smith@state.nm.us

From: Tom Mullins [<mailto:tom.mullins@synergyoperating.com>]

Sent: Friday, July 24, 2015 6:23 AM

To: Smith, Cory, EMNRD

Cc: Kelly, Jonathan, EMNRD; 'Justin Ingram'; 'Calvin Parson'; 'John Brenna'; 'Powell King'; 'Donna Hummel'; 'Vargo, Lucas'

Subject: RE: Tayler 29-13 - C-141 Submittal

Just confirming. 11 am today for soil sampling on Tayler 29-13.

I will see everyone there. Thanks.

- Tom

Thomas E. Mullins

Engineering Manager

Synergy Operating, LLC

505-320-1751 – Cell

505-599-4905 – Office

From: Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]

Sent: Monday, July 20, 2015 3:27 PM

To: Tom Mullins

Cc: Kelly, Jonathan, EMNRD; Justin Ingram; Calvin Parson; John Brenna; Powell King; Donna Hummel; Vargo, Lucas

Subject: RE: Tayler 29-13 - C-141 Submittal

Tom,

The attached remediation plan will work. Please test soils for TPH, BTEX, and Chlorides. The proposed test date is also fine, do you have an estimated time to meet up? As for the C-141 please submit a Hard copy to the District III Aztec Office (Address below)

Thanks,

Cory Smith

Environmental Specialist

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 115

cory.smith@state.nm.us

From: Vargo, Lucas [<mailto:lvargo@blm.gov>]

Sent: Monday, July 20, 2015 2:48 PM

To: Tom Mullins

Cc: Smith, Cory, EMNRD; Kelly, Jonathan, EMNRD; Justin Ingram; Calvin Parson; John Brenna; Powell King; Donna Hummel

Subject: Re: Tayler 29-13 - C-141 Submittal

Tom,

Thank you for the update. I should be available on 7/24 to witness the soil testing, etc.

Lucas Vargo

Surface and Reclamation Specialist

BLM-Rio Puerco Field Office

Cuba Field Station

office: (575) 289-0068

cell:(505) 793-1819

"I like to see a man proud of the place in which he lives. I like to see a man live so that his place will be proud of him." -Abraham Lincoln

On Mon, Jul 20, 2015 at 2:31 PM, Tom Mullins <tom.mullins@synergyoperating.com> wrote:

Cory,

Tayler 29-13

30-043-20569

Attached is the C-141 submittal, along with a copy of the proposed remediation plan submitted via e-mail (7/14/2015 @ 9:41 pm).

My truck is in the shop (replacing the engine) until Thursday most likely. I would like to set up soil testing for Friday (7/24/2015) if that will work for Jonathan and Lucas? We will wait to haul everything off location and cover the impacted areas until after we receive the sampling results.

My apologies for the delay. Please advise if we can proceed as proposed. Do I need to submit a hard copy of the C-141 (Original) by mail, or will the scan work?

- Tom

Thomas E. Mullins

Engineering Manager

Synergy Operating, LLC

505-320-1751 – Cell

505-599-4905 – Office

From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]

Sent: Friday, July 17, 2015 1:19 PM

To: Tom Mullins

Subject: RE: Tayler 29-13 - Site Visit Today

Tom

Thanks for the update!

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]

Sent: Friday, July 17, 2015 8:31 AM

To: Kelly, Jonathan, EMNRD; 'Lucas Vargo'

Cc: 'Justin Ingram'; Smith, Cory, EMNRD; Powell, Brandon, EMNRD

Subject: RE: Tayler 29-13 - Site Visit Today

Quick update.

- a) Still working on the C-141.
- b) Roads drying out finally.
- c) My truck is in the repair shop (towed in from the field), so unable to schedule testing until middle of next week at present, when I should be back up and running.

I appreciate everyone's patience, while I get the paperwork completed and submitted.

- Tom

Thomas E. Mullins

Engineering Manager

Synergy Operating, LLC

505-320-1751 – Cell

505-599-4905 – Office

From: Tom Mullins [<mailto:tom.mullins@synergyoperating.com>]

Sent: Thursday, July 16, 2015 9:52 AM

To: 'Kelly, Jonathan, EMNRD'; 'Lucas Vargo'

Cc: 'Justin Ingram'; 'Smith, Cory, EMNRD'; 'Powell, Brandon, EMNRD'

Subject: RE: Tayler 29-13 - Site Visit Today

Will do. I should have it submitted after lunch today.

- Tom

Thomas E. Mullins

Engineering Manager

Synergy Operating, LLC

505-320-1751 – Cell

505-599-4905 – Office

From: Kelly, Jonathan, EMNRD [<mailto:Jonathan.Kelly@state.nm.us>]

Sent: Wednesday, July 15, 2015 7:25 AM

To: Tom Mullins; Lucas Vargo

Cc: Justin Ingram; Smith, Cory, EMNRD; Powell, Brandon, EMNRD

Subject: RE: Tayler 29-13 - Site Visit Today

Tom,

Everything below appears to be as discussed and required. Once we get and process the C-141 we will better determine the site ranking for this release.

For future environmental issues, please include District 3 Environmental Specialist Cory Smith in the email chain.

Thank you,

Jonathan D. Kelly

Compliance Officer

Oil Conservation Division

Energy, Minerals, & Natural Resources

1000 Rio Brazos, Aztec, NM 87410

(505)334-6178 ext 122

jonathan.kelly@state.nm.us

From: Tom Mullins [<mailto:tom.mullins@synergyoperating.com>]

Sent: Tuesday, July 14, 2015 9:41 PM

To: Lucas Vargo; Kelly, Jonathan, EMNRD

Cc: Justin Ingram

Subject:

Tom Mullins

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Wednesday, May 11, 2016 3:41 PM
To: Tom Mullins
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Tom,

Thank you for the update if you have any issue please let me know.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Wednesday, May 11, 2016 1:49 PM
To: Smith, Cory, EMNRD
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Cory,

Synergy will be hauling the remaining pile of soil to Envirotech's land farm, where the prior loads were hauled for consistency sake.

We should have it hauled out and the final C-141 submittal by next Friday, May 20th.

Thanks.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]
Sent: Wednesday, May 11, 2016 9:53 AM
To: Tom Mullins

Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Tom,

Please see the attached photo's in the original email they were taken on 5/5/2016.

I do not know the status of the T-n-T land farm. The contaminated soils have been onsite for half a year, when does Synergy planning on remove the stock piles to an approved facility?

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Wednesday, May 11, 2016 9:28 AM
To: Smith, Cory, EMNRD
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Cory,

I have all the paperwork. There should not be any new staining whatsoever, so that is new to me. I will double check it. We collected additional soils and stockpiled for final removal after our last meeting before we took the final samples and those results came back in.

Let me get all that together and submit right away on the final C-141. I believe we have just the final load of soil to haul off, which will give us a new total.

If T-N-T disposal is now permitted, I would like to haul the soils there as the hauling costs would be less. I would prepare a separate C-138 for this final soil load.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]
Sent: Wednesday, May 11, 2016 9:13 AM
To: Tom Mullins
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Good morning Tom,

An inspector performed an inspection at the Tayler 29-13 on 5-5-16. Upon inspection it appears that Synergy has not removed the contaminated soil that was from last year's release and there is additional staining around the well head. I also conducted a well file review and Synergy has not completed the final C-141 for the release.

What is the status of removing the contaminated dirt and filing the paperwork?

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Monday, September 28, 2015 8:33 AM
To: Smith, Cory, EMNRD
Cc: 'Lucas Vargo'
Subject: RE: Synergy Op. - Tayler 29-13

Thanks Cory. Will move forward with back fill and submit final paperwork.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]
Sent: Monday, September 28, 2015 7:10 AM
To: Tom Mullins
Cc: Lucas Vargo
Subject: RE: Synergy Op. - Tayler 29-13

Good Morning Tom,

The BTEX levels are under the closure requirements, I have no objections in allowing Synergy to start backfilling at the Tayler 29-13.

OCD approval to backfill does not relieve Synergy of any other requirements imposed by other regulatory agencies.

If you have any questions please give me a call.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Friday, September 25, 2015 8:36 AM
To: Smith, Cory, EMNRD; Lucas Vargo
Subject: FW: Synergy Op. - Tayler 29-13

Cory and Lucas,
My apologies for the delay in getting these results to you both. I took the samples as directed on the wellpad where the majority of the spill was concentrated. The BTEX came back on both samples (I added a second for confirmation purposes) as non-detectable.

I would request that Synergy be allowed to back fill the impacted area and submit all report and analysis on a final C-141 for closure in the next week.

Thanks.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Lynn Cook [mailto:lcook@envirotech-inc.com]
Sent: Wednesday, September 16, 2015 8:13 AM
To: tom.mullins@synergyoperating.com
Subject: Synergy Op. - Tayler 29-13

Tom,
Attached is the lab report for the Tayler 29-13 samples.
Please let us know if you have any questions.

Thank You,
Lynn Cook

Your message is ready to be sent with the following file or link attachments:

P509014 FINAL 16 Sep 15 0811

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Tom Mullins

From: Tom Mullins <tom.mullins@synergyoperating.com>
Sent: Wednesday, August 26, 2015 7:55 AM
To: cory.smith@state.nm.us; Jonathan EMNRD Kelly (Jonathan.Kelly@state.nm.us); Lucas Vargo (lvargo@blm.gov)
Subject: FW: Synergy - Tayler 29-13
Attachments: P508051 FINAL 24 Aug 15 0759.pdf

Cory, Jonathan and Lucas,

Attached are the sample results from the 3 samples (5 spot - 8015 method) taken on the Tayler 29-13 well location on 8/14/2015. This is after we have removed the impacted soils. I just noted that I forgot to check the BTEX testing box....uggh.

	TPH (GRO+DRO)	Chlorides
# 1 - Narrow Pathway	652 mg/kg	ND
# 2 - West side of wellhead	743 mg/kg	ND
# 3 - East side of wellhead	272 mg/kg	11.9 mg/kg

I would ask that since we have removed the soils in this instance and the volatile portions have had an opportunity to air out with no groundwater present that the TPH (GRO/DRO) be sufficient to allow moving forward with backfill? Or we can go and sample again.

Cory, please advise and my apologies on the BTEX, which I spaced when I dropped it off.

I will also be sending the prior sampling report for this well that we have discussed per separate e-mail.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 – Cell
505-599-4905 – Office

-----Original Message-----

From: Lynn Cook [<mailto:lcook@envirotech-inc.com>]
Sent: Monday, August 24, 2015 8:19 AM
To: tom.mullins@synergyoperating.com
Subject: Synergy - Tayler 29-13

Tom,
Attached is the final lab report for the Tayler 29-13 samples.
Please let us know if you have any questions.

Thank You,
Lynn Cook

Your message is ready to be sent with the following file or link attachments:

P508051 FINAL 24 Aug 15 0759

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

Tom Mullins

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Wednesday, September 09, 2015 7:33 AM
To: Tom Mullins
Subject: RE: Synergy - Tayler 29-13

Tom,

I will not be able to make the soil sampling. Please continue without me.

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Tuesday, September 08, 2015 5:44 PM
To: 'Vargo, Lucas'; Smith, Cory, EMNRD
Cc: Kelly, Jonathan, EMNRD; 'Calvin Parson'; 'Donna Hummel'; 'John Brenna'
Subject: RETom,: Synergy - Tayler 29-13

Cory,

It appears Lucas will be out this week, but I wanted to confirm that we are still on for soil sampling on the Tayler 29-13 for tomorrow (Sept 9th) at 11 am. Can you make it and should I proceed with the testing?

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 – Cell
505-599-4905 – Office

From: Vargo, Lucas [mailto:lvargo@blm.gov]
Sent: Friday, September 04, 2015 10:07 AM
To: Smith, Cory, EMNRD; Tom Mullins
Cc: Kelly, Jonathan, EMNRD; Calvin Parson; Donna Hummel; John Brenna
Subject: Re: Synergy - Tayler 29-13

Tom, Cory,

Thank you for the update. FYI...I will be out of the office next week. I will follow up when I return.

Thanks,

Lucas Vargo
Surface and Reclamation Specialist
BLM-Rio Puerco Field Office
Cuba Field Station
office: (575) 289-0068

cell:(505) 793-1819

"I like to see a man proud of the place in which he lives. I like to see a man live so that his place will be proud of him." -Abraham Lincoln

On Fri, Sep 4, 2015 at 9:47 AM, Smith, Cory, EMNRD <Cory.Smith@state.nm.us> wrote:
Tom,

Thank you for the reply, Please let me know when you plan to sample and I will try to witness if I can.

Since the release was crude oil, I don't suspect any BTEX constituents. By taking the sample at the point of release, where contamination was concentrated should rule out any BTEX constituents with the other samples.

If you have any questions please give me a call.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [<mailto:tom.mullins@synergyoperating.com>]
Sent: Friday, September 04, 2015 9:44 AM
To: Smith, Cory, EMNRD; Kelly, Jonathan, EMNRD; Lucas Vargo
Subject: RE: Synergy - Tayler 29-13

Cory,

Thanks for discussing this with me this morning on the phone.

Per our phone discussion, Synergy will secure one (1) additional sample (BTEX Only) of soils 6" below the impacted area near the wellhead to confirm BTEX compliance. Synergy will secure that sample in the next couple of days and send it in for analysis. Results will be supplied per e-mail and confirmation received before soils are backfilled.

Thanks.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]

Sent: Wednesday, August 26, 2015 7:55 AM

To: cory.smith@state.nm.us; Jonathan EMNRD Kelly (Jonathan.Kelly@state.nm.us); Lucas Vargo (lvargo@blm.gov)

Subject: FW: Synergy - Tayler 29-13

Cory, Jonathan and Lucas,

Attached are the sample results from the 3 samples (5 spot - 8015 method) taken on the Tayler 29-13 well location on 8/14/2015. This is after we have removed the impacted soils. I just noted that I forgot to check the BTEX testing box....uggh.

	TPH (GRO+DRO)	Chlorides
# 1 - Narrow Pathway	652 mg/kg	ND
# 2 - West side of wellhead	743 mg/kg	ND
# 3 - East side of wellhead	272 mg/kg	11.9 mg/kg

I would ask that since we have removed the soils in this instance and the volatile portions have had an opportunity to air out with no groundwater present that the TPH (GRO/DRO) be sufficient to allow moving forward with backfill? Or we can go and sample again.

Cory, please advise and my apologies on the BTEX, which I spaced when I dropped it off.

I will also be sending the prior sampling report for this well that we have discussed per separate e-mail.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
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-----Original Message-----

From: Lynn Cook [mailto:lcook@envirotech-inc.com]

Sent: Monday, August 24, 2015 8:19 AM

To: tom.mullins@synergyoperating.com

Subject: Synergy - Tayler 29-13

Tom,
Attached is the final lab report for the Tayler 29-13 samples.
Please let us know if you have any questions.

Thank You,
Lynn Cook

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attachments:

P508051 FINAL 24 Aug 15 0759

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Tom Mullins

From: Tom Mullins <tom.mullins@synergyoperating.com>
Sent: Monday, September 28, 2015 8:33 AM
To: 'Smith, Cory, EMNRD'
Cc: 'Lucas Vargo'
Subject: RE: Synergy Op. - Tayler 29-13

Thanks Cory. Will move forward with back fill and submit final paperwork.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 – Cell
505-599-4905 – Office

-----Original Message-----

From: Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]
Sent: Monday, September 28, 2015 7:10 AM
To: Tom Mullins
Cc: Lucas Vargo
Subject: RE: Synergy Op. - Tayler 29-13

Good Morning Tom,

The BTEX levels are under the closure requirements, I have no objections in allowing Synergy to start backfilling at the Tayler 29-13.

OCD approval to backfill does not relieve Synergy of any other requirements imposed by other regulatory agencies.

If you have any questions please give me a call.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [<mailto:tom.mullins@synergyoperating.com>]
Sent: Friday, September 25, 2015 8:36 AM

To: Smith, Cory, EMNRD; Lucas Vargo
Subject: FW: Synergy Op. - Tayler 29-13

Cory and Lucas,

My apologies for the delay in getting these results to you both. I took the samples as directed on the wellpad where the majority of the spill was concentrated. The BTEX came back on both samples (I added a second for confirmation purposes) as non-detectable.

I would request that Synergy be allowed to back fill the impacted area and submit all report and analysis on a final C-141 for closure in the next week.

Thanks.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Lynn Cook [<mailto:lcook@envirotech-inc.com>]

Sent: Wednesday, September 16, 2015 8:13 AM

To: tom.mullins@synergyoperating.com

Subject: Synergy Op. - Tayler 29-13

Tom,
Attached is the lab report for the Tayler 29-13 samples.
Please let us know if you have any questions.

Thank You,
Lynn Cook

Your message is ready to be sent with the following file or link attachments:

P509014 FINAL 16 Sep 15 0811

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Tom Mullins

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Wednesday, May 25, 2016 3:58 PM
To: Tom Mullins
Subject: RE: Synergy Op. - Tayler 29-13

Tom,

Thank you for the update.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Wednesday, May 25, 2016 8:40 AM
To: Smith, Cory, EMNRD
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Cory,

Remaining soils were hauled to Envirotech land farm on Tuesday, May 17th. I am finalizing the C-141 documents and should have submitted shortly.
Apologies for the delay. I will also submit final pictures.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]
Sent: Wednesday, May 11, 2016 3:41 PM
To: Tom Mullins
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Tom,

Thank you for the update if you have any issue please let me know.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Wednesday, May 11, 2016 1:49 PM
To: Smith, Cory, EMNRD
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Cory,

Synergy will be hauling the remaining pile of soil to Envirotech's land farm, where the prior loads were hauled for consistency sake.

We should have it hauled out and the final C-141 submittal by next Friday, May 20th.

Thanks.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]
Sent: Wednesday, May 11, 2016 9:53 AM
To: Tom Mullins
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Tom,

Please see the attached photo's in the original email they were taken on 5/5/2016.

I do not know the status of the T-n-T land farm. The contaminated soils have been onsite for half a year, when does Synergy planning on remove the stock piles to an approved facility?

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Wednesday, May 11, 2016 9:28 AM
To: Smith, Cory, EMNRD
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Cory,

I have all the paperwork. There should not be any new staining whatsoever, so that is new to me. I will double check it. We collected additional soils and stockpiled for final removal after our last meeting before we took the final samples and those results came back in.

Let me get all that together and submit right away on the final C-141. I believe we have just the final load of soil to haul off, which will give us a new total.
If T-N-T disposal is now permitted, I would like to haul the soils there as the hauling costs would be less. I would prepare a separate C-138 for this final soil load.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 - Cell
505-599-4905 - Office

-----Original Message-----

From: Smith, Cory, EMNRD [mailto:Cory.Smith@state.nm.us]
Sent: Wednesday, May 11, 2016 9:13 AM
To: Tom Mullins
Cc: 'Lucas Vargo'; Fields, Vanessa, EMNRD; Kelly, Jonathan, EMNRD
Subject: RE: Synergy Op. - Tayler 29-13

Good morning Tom,

An inspector performed an inspection at the Tayler 29-13 on 5-5-16. Upon inspection it appears that Synergy has not removed the contaminated soil that was from last year's release and there is additional staining around the well head. I also conducted a well file review and Synergy has not completed the final C-141 for the release.

What is the status of removing the contaminated dirt and filing the paperwork?

Cory Smith

Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]
Sent: Monday, September 28, 2015 8:33 AM
To: Smith, Cory, EMNRD
Cc: 'Lucas Vargo'
Subject: RE: Synergy Op. - Tayler 29-13

Thanks Cory. Will move forward with back fill and submit final paperwork.

- Tom

Thomas E. Mullins
Engineering Manager
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Sent: Monday, September 28, 2015 7:10 AM
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Cc: Lucas Vargo
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Good Morning Tom,

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OCD approval to backfill does not relieve Synergy of any other requirements imposed by other regulatory agencies.

If you have any questions please give me a call.

Cory Smith
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us

-----Original Message-----

From: Tom Mullins [mailto:tom.mullins@synergyoperating.com]

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To: Smith, Cory, EMNRD; Lucas Vargo

Subject: FW: Synergy Op. - Tayler 29-13

Cory and Lucas,

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Sent: Wednesday, September 16, 2015 8:13 AM

To: tom.mullins@synergyoperating.com

Subject: Synergy Op. - Tayler 29-13

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Please let us know if you have any questions.

Thank You,
Lynn Cook

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P509014 FINAL 16 Sep 15 0811

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Tom Mullins

From: Tom Mullins <tom.mullins@synergyoperating.com>
Sent: Friday, August 05, 2016 10:05 AM
To: 'Smith, Cory, EMNRD'
Subject: RE: Release Records Audit Synergy Operating

Yes. Cory. I am on it. It has been on my desk to finalize for some time.
I will finish it over the weekend so I can turn it in on Monday.

- Tom

Thomas E. Mullins
Engineering Manager
Synergy Operating, LLC
505-320-1751 – Cell
505-599-4905 – Office

From: Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]
Sent: Thursday, July 28, 2016 2:39 PM
To: Tom Mullins (tom.mullins@synergyoperating.com)
Cc: Fields, Vanessa, EMNRD; Powell, Brandon, EMNRD
Subject: Release Records Audit Synergy Operating

Tom,

OCD has conducted an audit of our release incident records and indicate that the following sites are still outstanding and are either:

- 1) Still open and an active remediation site, or
- 2) Awaiting final paper work.

Can you please provide a **detailed** update for each of the follow sites to include the status of the remediation, a time frame for the start of remediation or completion, or the status of the final report including a time frame for submittal.

IncidentNo	Well Name/Facility Name	API Well No	Operator	Release Date
nCS1519452678	Taylor 29 #13	30-043-20569	SYNERGY OIL & GAS INC	7/13/15

If you have any questions please give me a call.

Cory Smith

Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 115
cory.smith@state.nm.us