



January 4, 2016

NMOCD District II
Attn. Heather Patterson
1301 W Grand Ave
Artesia, NM 88210

SUBJECT: FINAL CLOSURE REPORT FOR INCIDENT 2RP-3385 ROCKET FEDERAL #1, API #30-015-34795, EDDY COUNTY, NEW MEXICO

Dear Ms. Patterson:

On behalf of COG Operating (COG), Souder Miller & Associates (SMA) is pleased to submit the attached Final Closure Report summarizing the soil remediation activities performed for the release at the Rocket Federal #1 in Eddy County, New Mexico. The purpose of the final closure report is to obtain approval from the New Mexico Oil Conservation Division (NMOCD) for remediation of the release discovered on October 21, 2015.

At the request of COG, SMA assessed, delineated and remediated soil affected by produced oil at the Rocket Federal #1 well location. The release was initially reported to NMOCD by COG Operating on November 4, 2015 as a release from a lightning strike. The table below summarizes information regarding the release. Results of the assessment and delineation follow in the attached report.

Table 1: Release information and Site Ranking					
Name	Rocket Federal #1				
Location	Incident Number	API Number	Section, Township, Range		
		2RP-3385	30-015-34795	SW/SE UL P	Section 04
Estimated Date of Release	October 21, 2015				
Date Reported to NMOCD	November 4, 2015				
Reported by	Amanda Trujillo Davis, COG Operating LLC				
Land Owner	Federal Bureau of Land Management (BLM)				
Reported To	NM Oil Conservation Division (NMOCD)				
Source of Release	Lighting Strike				
Released Material	Produced Water and Crude Oil				
Released Volume	1360 bbls Produced Water and 22 bbls Crude Oil				
Recovered Volume	220 bbls Produced Water and 20 bbls Crude Oil				
Net Release	1140 bbls Produced Water and 2 bbls Crude Oil				
Nearest Waterway	1,300 feet north of the location.				
Depth to Groundwater	Estimated to be 102 feet				

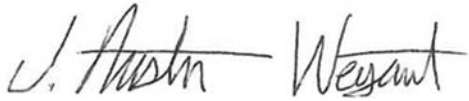


Nearest Domestic Water Source	Greater than 1000 feet
NMOCD Ranking	0
SMA Response Dates	Initial: 11/9/15 Mitigation Activities: 12/9/15
Subcontractors	TCS, MMX
Disposal Facility	R360 Red Bluff Facility, State of Texas Permit
Estimated Yd ³ Contaminated Soil Excavated and Disposed	4,880 Yd ³

A copy of the C-141 Initial is located in Appendix B. For questions or comments pertaining to the release or the attached Work Plan, please feel free to contact either of us.

Submitted by:

SOUDER, MILLER & ASSOCIATES



Austin Weyant
Project Scientist

Reviewed by:



Cynthia Gray, CHMM
Senior Scientist



SOIL REMEDIATION FINAL CLOSURE REPORT FOR INCIDENT 2RP-3385 COG OPERATING LLC

ROCKET FEDERAL #1
API# 30-015-34795
UL P, SECTION 04, T26S R29E, NMPM
EDDY COUNTY, NM



Prepared for:
COG Operating LLC
2407 Pecos Ave
Artesia, NM 88210

Prepared by:
Souder, Miller & Associates
201 S. Halagueno
Carlsbad, NM 88221
575-689-7040

January 4, 2016
SMA Reference
5B23978 BG11



Table of Contents

1.0	Introduction.....	4
2.0	Site Ranking and Land Jurisdiction	4
3.0	Assessment and Initial Results	4
4.0	Soil Remediation Summary	4
5.0	Conclusions and Recommendations.....	5
6.0	Closure and Limitations.....	5

Figures:

Figure 1: Vicinity Map

Figure 2: Site Map

Tables:

Table 1: Release Information and Site Ranking

Table 2: Summary of Laboratory Analyses

Table 3: Summary of Field Screening Results

Appendices:

Appendix A: Laboratory Analytical Reports

Appendix B: Form C141 Final

1.0 Introduction

On behalf of COG Operating LLC (COG), SMA has prepared this report describing the assessment, initial delineation and mitigation of the crude oil and produced water release 2RP-3385 associated with the Rocket Federal #1 release site. The site is located in Section 4, T 26S, R 29 E NMPM, Eddy County, New Mexico, on federal land administered by the Bureau of Land Management (BLM). Figure 1 illustrates the vicinity and location of the site.

2.0 Site Ranking and Land Jurisdiction

The release site is located approximately 1.2 miles (> 1,000 feet) east of Pecos River, on federal BLM Land with an elevation of approximately 2,950 feet above sea level. After evaluation of the site using aerial photography and topographic maps, depth to groundwater is estimated to be greater than 100 feet below ground surface (bgs) using the Pecos River as groundwater level. Figure 1 illustrates the location and site vicinity and Figure 2 depicts the site details and sample locations. SMA searched the New Mexico State Engineer's Office online water well database for water wells in the vicinity of the release. No water supply well is located within a 1000 foot radius of the site. The physical location of this release is within the jurisdiction of NMOCD.

This release location has been assigned a NMOCD ranking of 0 for which "Guidelines for Remediation" require a soil remediation standard of 10 parts per million (ppm) benzene, 50 ppm combined benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and 5000 ppm total petroleum hydrocarbons (TPH). Table 1 shows site ranking rationale.

3.0 Assessment and Initial Results

On November 9, 2015 and December 16, 2015 after receiving 811 clearance, SMA personnel assessed the release area onsite with an auger, a Photo Ionization Detector (PID), and a mobile chlorides titration kit. The affected area was found to be 400 feet long and 70 feet wide. The release impact area extends over two well pads, the upper pad on the south and a lower pad on the north. Delineation samples were taken to depths of three feet bgs on the northern lower pad and down to 9' bgs on the southern upper pad. Using field screening, samples at less than one foot bgs were found to exhibit elevated levels of chloride on the lower pad. The southern upper pad exhibit elevated levels of chloride to 5 feet bgs. Sample locations are noted on Figure 2 Site Details and Sample Location Map. For additional information on the initial soil results and site assessment, please refer to the NMOCD approved work plan (Soil Remediation Work Plan for Incident 2RP-3385.) All samples were collected and processed according to NMOCD soil sampling procedures. The laboratory samples were sent under chain-of-custody protocols to Hall Environmental Analysis Laboratory for analysis for Benzene and Total BTEX using EPA Method 8021B, DRO and GRO by EPA Method 8015D, and total Chlorides using EPA Method 300.0.

4.0 Soil Remediation Summary

SMA begin the excavation on December 9, 2015 of affected soils, with approval from area utilities owners via 811 and NMOCD. SMA personal continuously guide the excavation activities by collecting composite soil samples for field screening with a mobile titration unit (EPA 4500) and a calibrated PID. Delineation occurred to sufficiently map the plume of contamination by NMOCD standards. This delineation was used to determine excavation depths to affectively remove contaminated soil in the northern lower and southern upper pad. The northern lower pad was excavated to 1 foot bgs to remove contaminated soil. The southern upper pad was excavated to

6 foot bgs in the contaminated tank battery area. The excavation depths which are based on delineation was completed to achieve closure standards. Final samples were collected at the maximum depths of the excavation. 4880 cubic yards of contaminated soil has been excavated. The contaminated soil was transported for proper disposal at Texas permitted R360 Red Bluff facility in Texas.

5.0 Conclusions and Recommendations

NMOCD Guidelines for Remediation of Leaks, Spills, and Releases have established the following action levels for contaminants of concern with a site ranking of 0: 10 ppm (mg/kg) Benzene, 50 ppm total BTEX, and 5000 ppm TPH. The release consisted of crude oil and produced water found during the initial assessment and delineation.

All closure confirmation samples were taken as discrete samples to ensure that the contaminated soil was removed.

Soil sample location are illustrated in Figure 2. A summary of the laboratory analyses is included in Table 2. Laboratory reports are included in Appendix A.

6.0 Closure and Limitations

Closure standards have been achieved for the crude oil release 2RP-3385 on the Rocket Federal #1 well pad.

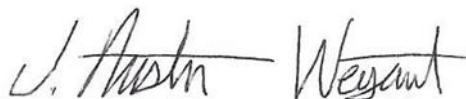
The scope of our services consisted of the performance of a preliminary spill assessment, verification of release stabilization, regulatory liaison, and preparation of a Remediation Work Plan and a Request for Closure. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact either Austin Weyant at 575-689-7040 or Cindy Gray at 505-325-7535.

Submitted by:

Reviewed by:

SOUDER, MILLER & ASSOCIATES



Austin Weyant
Project Scientist



Cynthia Gray, CHMM
Senior Scientist

Figures:

Figure 1: Vicinity Map
Figure 2: Site Map

Tables:

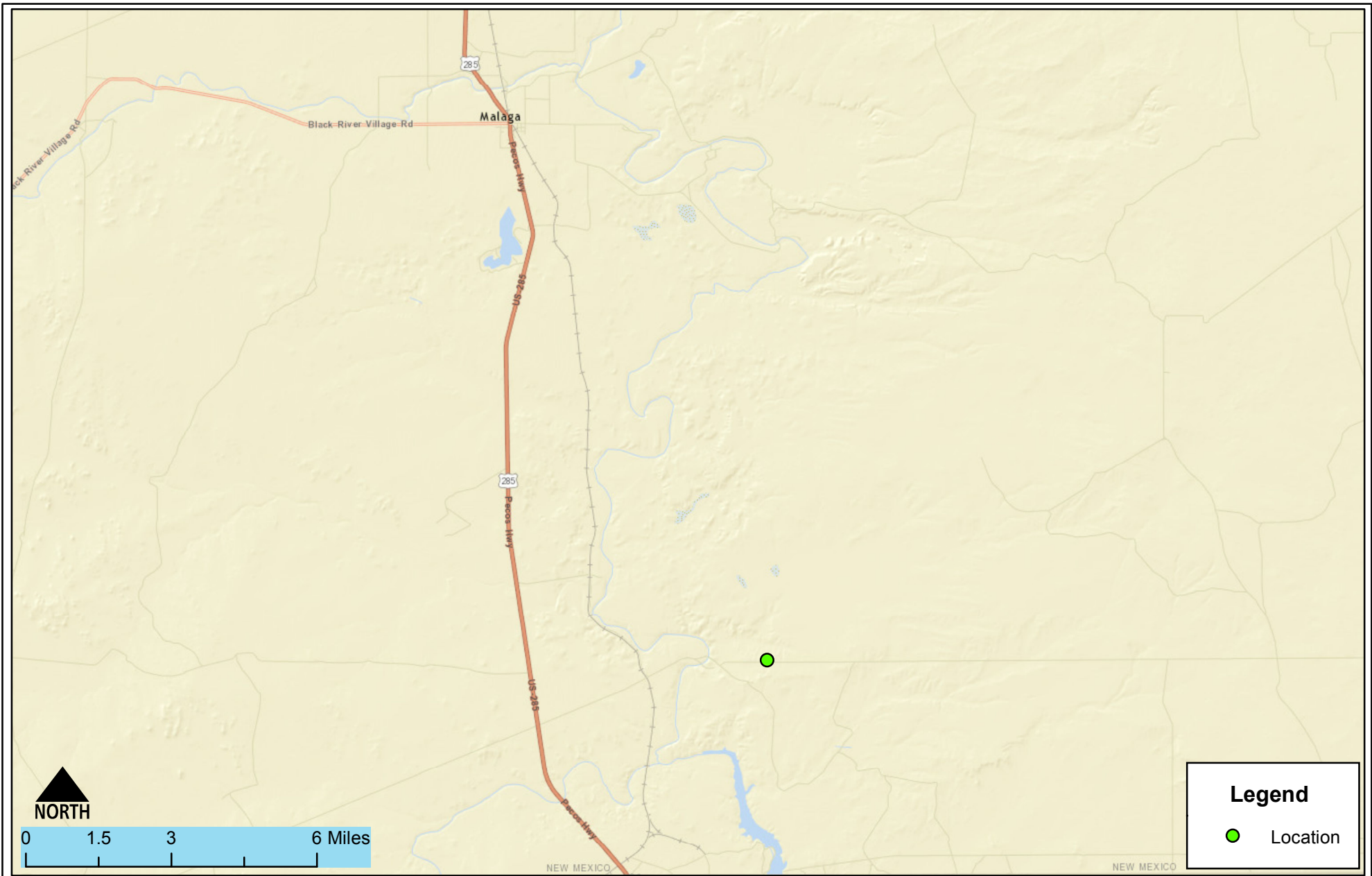
Table 1: Release Information and Site Ranking
Table 2: Summary of Laboratory Analyses
Table 3: Summary of Field Screening Results

Appendices:

Appendix A: Laboratory Analytical Reports
Appendix B: Form C141 Final

FIGURE 1

VICINITY MAP



Vicinity Map
 COG- Rocket Federal #1
 Malaga, New Mexico

Figure 1

Date Saved: 11/18/2015	By: _____	Date: _____	Revisions	Descr: _____
	By: _____	Date: _____		Descr: _____
Copyright 2015 Souder, Miller & Associates - All Rights Reserved				

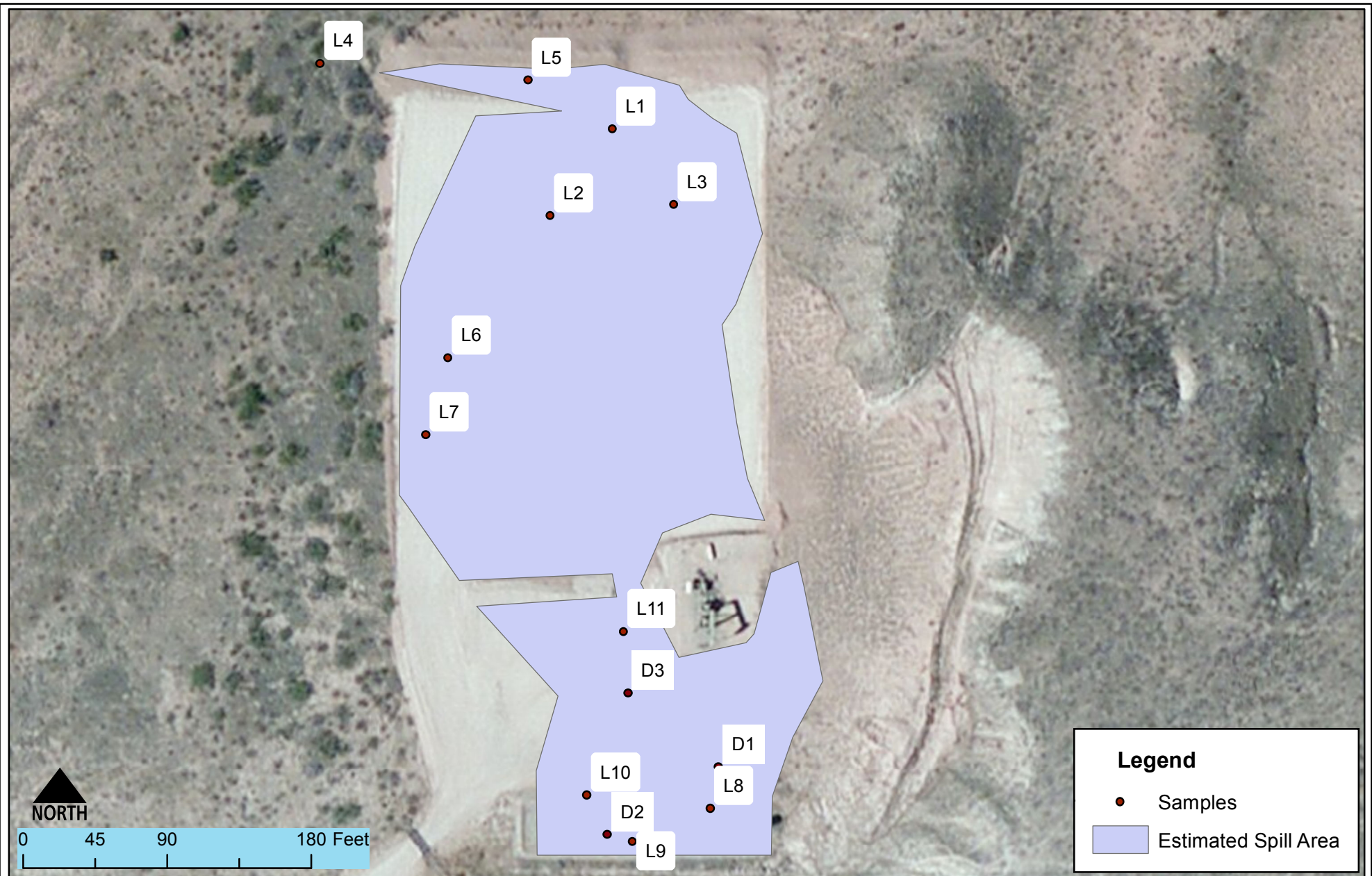
Drawn	<u>Lucas Middleton</u>
Checked	_____
Approved	_____



201 South Halaguena Street
 Carlsbad, New Mexico 88221
 (575) 689-7040
 www.soudermiller.com
 Serving the Southwest & Rocky Mountains

FIGURE 2

SITE DETAILS AND SAMPLE LOCATIONS MAP



Site Detail and Sample Locations
 COG- Rocket Federal #1
 Malaga, New Mexico

Figure 2

Date Saved: 1/8/2016	By: _____	Date: _____	Revisions	Descr: _____
	By: _____	Date: _____		Descr: _____
Copyright 2015 Souder, Miller & Associates - All Rights Reserved				

Drawn	<u>Lucas Middleton</u>
Checked	_____
Approved	_____



201 South Halaguena Street
 Carlsbad, New Mexico 88221
 (575) 689-7040
 www.soudermiller.com
 Serving the Southwest & Rocky Mountains

TABLE 1

RELEASE INFORMATION AND SITE RANKING

Name	Rocket Federal #1				
Location	Incident Number	API Number	Section, Township, Range		
		2RP-3385	30-015-34795	UL P	Section 04
Estimated Date of Release	10/21/15				
Date Reported to NMOCD	11/4/15				
Reported by	Amanda Trujillo Davis				
Land Owner	Federal Bureau of Land Management (BLM)				
Reported To	NM Oil Conservation Division (NMOCD)				
Source of Release	Lighting Strike				
Released Material	Produced Water and Oil				
Released Volume	1360 bbls Produced Water and 22 bbls Oil				
Recovered Volume	220 bbls Produced Water and 20 bbls Oil				
Net Release	1140 bbl Produced Water and 2 bbl Oil				
Nearest Waterway	1,300 feet north of the location.				
Depth to Groundwater	Estimated to be 102 feet				
Nearest Domestic Water Source	Greater than 1000 feet				
NMOCD Ranking	0				
SMA Response Dates	Initial: 11/9/15 Mitigation Activities: 12/9/15				
Subcontractors	TCS, MMX				
Disposal Facility	R360 Red Bluff Facility, State of Texas Permit				
Estimated Yd ³ Contaminated Soil Excavated and Disposed	3,880 Yd ³				

TABLE 2

SUMMARY OF LABORATORY ANALYSES

Table 2: Summary of Laboratory Analyses

Analytical Report- 1512A42	Sample Number on Figure 2 Map	Sample Date	Depth	BTEX ppm	Benzene mg/Kg	GRO mg/Kg	DRO mg/Kg	Cl- mg/Kg
1512A42-001	L3-1	12/16/2015	1'	BDL	BDL	N/A	N/A	BDL
1512A42-002	L3-3	12/16/2015	3'	N/A	N/A	N/A	N/A	39
1512A42-003	L4-1	12/16/2015	1'	N/A	N/A	N/A	N/A	540
1512A42-004	L4-3	12/16/2015	3'	N/A	N/A	N/A	N/A	290
1512A42-005	L5-1	12/16/2015	1'	N/A	N/A	N/A	N/A	BDL
1512A42-006	L5-3	12/16/2015	3'	N/A	N/A	N/A	N/A	400
1512A42-007	L6-1	12/16/2015	1'	N/A	N/A	N/A	N/A	490
1512A42-008	L6-3	12/16/2015	3'	N/A	N/A	N/A	N/A	BDL
1512A42-009	D2-5	12/16/2015	5'	N/A	N/A	N/A	N/A	3,200
1512A42-010	D2-7	12/16/2015	7'	N/A	N/A	N/A	N/A	650
1512A42-011	D2-9	12/16/2015	9'	N/A	N/A	N/A	N/A	480
1512A42-012	D1-6	12/16/2015	6'	N/A	N/A	N/A	N/A	170
1512A42-013	D1-8	12/16/2015	8'	N/A	N/A	N/A	N/A	850

TABLE 3

SUMMARY OF FIELD SCREENING RESULTS

Table 3: Summary of Field Screening Results

ROCKET SWD FED 1

Produced Water

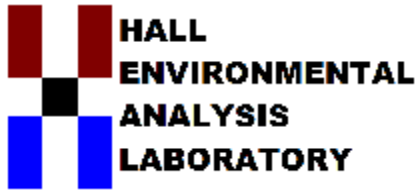
12/6/2015

FIELD SCREENING RESULTS SUMMARY					
Date	Time	Field Screening Reference	Sample Depth (Feet BGS)	EC Results	Lab Sample Collected Y/N
12/9/2015	8:00	L1	3	170	y
12/9/2015	8:00	L2	3	158	y
12/9/2015	8:00	L3	3	158	y
12/9/2015	9:00	L4	1	301	y
12/9/2015	10:00	L4	3	158	y
12/9/2015	11:00	L5	1	889	y
12/9/2015	12:00	L5	3	688	y
12/9/2015	13:00	L6	2	559	y
12/9/2015	14:00	L6	1	2552	y
12/9/2015	15:00	L7	2	258	y
12/9/2015	16:00	L7	4	316	y
12/9/2015	17:00	L8	6"	4458	y
12/9/2015	18:00	L8	2	3297	y
12/9/2015	19:00	L9	0.5	3842	y
12/9/2015	20:00	L9	3	3283	y
12/9/2015	21:00	L9	2	2136	y
12/9/2015	22:00	L10	1	4171	y
12/9/2015	23:00	L10	3	2609	y
12/9/2015	0:00	L11	1	2795	y
12/9/2015	1:00	L11	3	2738	y
12/9/2015	8:00	SP1	Spill Pile	6895	y
12/16/2015	9:00	D1-4	4'	2251	y
12/16/2015	9:00	D1-6	6'	387	y
12/16/2015	9:00	D1-8	8'	387	y
12/16/2015	9:00	D2-5	5'	3397	y
12/16/2015	9:00	D2-7	7'	531	y
12/16/2015	9:00	D2-9	9'	531	y
12/16/2015	9:00	D3-4	4'	287	y
12/16/2015	9:00	D3-6	6'	43	y



APPENDIX A

LABORATORY ANALYTICAL REPORTS



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

January 06, 2016

Austin Weyant
Souder, Miller & Associates
201 S Halagueno
Carlsbad, NM 88221
TEL: (575) 689-7040
FAX

RE: Rocket 1/2

OrderNo.: 1512A42

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 13 sample(s) on 12/22/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: L3-1

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-001

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	12/28/2015 10:20:51 PM	22981
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	12/24/2015 3:13:51 PM	22945
Toluene	ND	0.047		mg/Kg	1	12/24/2015 3:13:51 PM	22945
Ethylbenzene	ND	0.047		mg/Kg	1	12/24/2015 3:13:51 PM	22945
Xylenes, Total	ND	0.095		mg/Kg	1	12/24/2015 3:13:51 PM	22945
Surr: 4-Bromofluorobenzene	109	80-120		%REC	1	12/24/2015 3:13:51 PM	22945

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: L3-3

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-002

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	39	30		mg/Kg	20	12/28/2015 10:58:05 PM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: L4-1

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-003

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	540	30		mg/Kg	20	12/28/2015 11:10:30 PM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: L4-3

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-004

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	290	30		mg/Kg	20	12/28/2015 11:22:54 PM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: L5-1

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-005

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH							Analyst: TOM
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	12/29/2015	22959
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	93	30		mg/Kg	20	12/28/2015 11:35:18 PM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: L5-3

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-006

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	400	30		mg/Kg	20	12/28/2015 11:47:43 PM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: L6-1

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-007

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	490	30		mg/Kg	20	12/29/2015 12:24:56 AM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: L6-3

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-008

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	12/29/2015 12:37:21 AM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: D2-5

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-009

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	3200	150		mg/Kg	100	12/29/2015 8:00:54 PM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1512A42

Date Reported: 1/6/2016

CLIENT: Souder, Miller & Associates

Client Sample ID: D2-7

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-010

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	650	30		mg/Kg	20	12/29/2015 1:02:09 AM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1512A42**

Date Reported: **1/6/2016**

CLIENT: Souder, Miller & Associates

Client Sample ID: D2-9

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-011

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	480	30		mg/Kg	20	12/29/2015 1:14:35 AM	22981

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1512A42**

Date Reported: **1/6/2016**

CLIENT: Souder, Miller & Associates

Client Sample ID: D1-6

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-012

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	170	30		mg/Kg	20	12/29/2015 10:42:25 AM	22982

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

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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1512A42**

Date Reported: **1/6/2016**

CLIENT: Souder, Miller & Associates

Client Sample ID: D1-8

Project: Rocket 1/2

Collection Date: 12/16/2015 8:00:00 AM

Lab ID: 1512A42-013

Matrix: SOIL

Received Date: 12/22/2015 9:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	850	30		mg/Kg	20	12/29/2015 11:19:39 AM	22982

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1512A42

06-Jan-16

Client: Souder, Miller & Associates

Project: Rocket 1/2

Sample ID	MB-22981	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	22981	RunNo:	31118					
Prep Date:	12/28/2015	Analysis Date:	12/28/2015	SeqNo:	952086	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-22981	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	22981	RunNo:	31118					
Prep Date:	12/28/2015	Analysis Date:	12/28/2015	SeqNo:	952087	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.6	90	110			

Sample ID	MB-22982	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	22982	RunNo:	31150					
Prep Date:	12/28/2015	Analysis Date:	12/29/2015	SeqNo:	953465	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-22982	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	22982	RunNo:	31150					
Prep Date:	12/28/2015	Analysis Date:	12/29/2015	SeqNo:	953466	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.3	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1512A42

06-Jan-16

Client: Souder, Miller & Associates

Project: Rocket 1/2

Sample ID MB-22959	SampType: MBLK		TestCode: EPA Method 418.1: TPH							
Client ID: PBS	Batch ID: 22959		RunNo: 31134							
Prep Date: 12/28/2015	Analysis Date: 12/29/2015		SeqNo: 954046		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-22959	SampType: LCS		TestCode: EPA Method 418.1: TPH							
Client ID: LCSS	Batch ID: 22959		RunNo: 31134							
Prep Date: 12/28/2015	Analysis Date: 12/29/2015		SeqNo: 954047		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	100	20	100.0	0	105	83.6	116			

Sample ID LCSD-22959	SampType: LCSD		TestCode: EPA Method 418.1: TPH							
Client ID: LCSS02	Batch ID: 22959		RunNo: 31134							
Prep Date: 12/28/2015	Analysis Date: 12/29/2015		SeqNo: 954048		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	106	83.6	116	1.27	20	

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1512A42

06-Jan-16

Client: Souder, Miller & Associates

Project: Rocket 1/2

Sample ID MB-22945	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles							
Client ID: PBS	Batch ID: 22945		RunNo: 31062							
Prep Date: 12/23/2015	Analysis Date: 12/24/2015		SeqNo: 950286		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID LCS-22945	SampType: LCS		TestCode: EPA Method 8021B: Volatiles							
Client ID: LCSS	Batch ID: 22945		RunNo: 31062							
Prep Date: 12/23/2015	Analysis Date: 12/24/2015		SeqNo: 950305		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		124	80	120			S

Sample ID 1512A12-001AMS	SampType: MS		TestCode: EPA Method 8021B: Volatiles							
Client ID: BatchQC	Batch ID: 22945		RunNo: 31062							
Prep Date: 12/23/2015	Analysis Date: 12/24/2015		SeqNo: 950311		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.047	0.9381	0	105	69.6	136			
Toluene	1.1	0.047	0.9381	0	113	76.2	134			
Ethylbenzene	1.1	0.047	0.9381	0	116	75.8	137			
Xylenes, Total	3.3	0.094	2.814	0	119	78.9	133			
Surr: 4-Bromofluorobenzene	1.2		0.9381		123	80	120			S

Sample ID 1512A12-001AMSD	SampType: MSD		TestCode: EPA Method 8021B: Volatiles							
Client ID: BatchQC	Batch ID: 22945		RunNo: 31062							
Prep Date: 12/23/2015	Analysis Date: 12/24/2015		SeqNo: 950312		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.047	0.9390	0	101	69.6	136	3.44	20	
Toluene	1.0	0.047	0.9390	0	110	76.2	134	2.32	20	
Ethylbenzene	1.1	0.047	0.9390	0	113	75.8	137	2.87	20	
Xylenes, Total	3.2	0.094	2.817	0	115	78.9	133	3.08	20	
Surr: 4-Bromofluorobenzene	1.1		0.9390		120	80	120	0	0	

Qualifiers:

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



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

Sample Log-In Check List

Client Name: **SMA-CARLSBAD**

Work Order Number: **1512A42**

RcptNo: 1

Received by/date:

JA

12/22/15

Logged By: **Ashley Gallegos**

12/22/2015 9:25:00 AM

AG

Completed By: **Ashley Gallegos**

12/22/2015 5:45:45 PM

AG

Reviewed By:

JA

12/23/15

Chain of Custody

1. Custody seals intact on sample bottles? Yes No Not Present
2. Is Chain of Custody complete? Yes No Not Present
3. How was the sample delivered? Courier

Log In

4. Was an attempt made to cool the samples? Yes No NA
5. Were all samples received at a temperature of >0° C to 6.0° C? Yes No NA
6. Sample(s) in proper container(s)? Yes No
7. Sufficient sample volume for indicated test(s)? Yes No
8. Are samples (except VOA and ONG) properly preserved? Yes No
9. Was preservative added to bottles? Yes No NA
10. VOA vials have zero headspace? Yes No No VOA Vials
11. Were any sample containers received broken? Yes No
12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes No # of preserved bottles checked for pH: (<2 or >12 unless noted)
13. Are matrices correctly identified on Chain of Custody? 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 order? Yes No NA

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.3	Good	Yes			

Chain-of-Custody Record

Client: SMA

Mailing Address: 207 S. 6th Ave

Phone #: 625-999-687-5351

Email or Fax#: lucy@seelabs.com

QA/QC Package: Standard Level 4 (Full Validation)

Accreditation: NELAP Other

EDD (Type)

Turn-Around Time:

Standard Rush

Project Name:

Rocket 1/2

Project #:

Project Manager:

Angela Weyant

Sampler:

LCM

On Ice: Yes No

Sample Temperature: 4.3

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
12/15	9:00	soil	L3-1	Aoz		1512AUA -001
			L3-3			-002
			L4-1			-003
			L4-3			-004
			L5-1			-005
			L5-3			-006
			L6-1			-007
			L6-3			-008
			V2-5			-009
			V2-7			-010
			V2-9			-011

Analysis Request

<input checked="" type="checkbox"/>	BTEX + MTBE + TMB's (8021)
<input type="checkbox"/>	BTEX + MTBE + TPH (Gas only)
<input type="checkbox"/>	TPH 8015B (GRO / DRO / MRO)
<input type="checkbox"/>	TPH (Method 418.1)
<input type="checkbox"/>	EDB (Method 504.1)
<input type="checkbox"/>	PAH's (8310 or 8270 SIMS)
<input type="checkbox"/>	RCRA 8 Metals
<input type="checkbox"/>	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)
<input type="checkbox"/>	8081 Pesticides / 8082 PCB's
<input type="checkbox"/>	8260B (VOA)
<input type="checkbox"/>	8270 (Semi-VOA)
<input type="checkbox"/>	Air Bubbles (Y or N)

Remarks:

Date:	Time:	Relinquished by:	Date:	Time:	Received by:
					<u>Jan. Arnet</u>
Date:	Time:	Relinquished by:	Date:	Time:	Received by:
					<u>12/22/15 0925</u>

Chain-of-Custody Record

Client: SMA

Turn-Around Time: Standard Rush

Project Name: Rocket 2/2

Mailing Address: 201 S. Galtier

Phone #: 575-687-5351

Project #: Carlsbad, NM

Project Manager: Angela Weyn

Sampler: Car

On Ice: Yes No

Sample Temperature: 4.3

Container Type and #

Preservative Type

HEAL No. 1512A4A

Date

Time

Matrix

Sample Request ID

16-5

900

1

01-6

01-8

-018

-013

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

Date: _____

Received by: Joe. [Signature]

Date: 12/22/15

Time: 0925

Date: _____

Received by: _____

Date: _____

Time: _____

Remarks:

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

BTEX + MTBE + TMB's (8021)	
BTEX + MTBE + TPH (Gas only)	
TPH 8015B (GRO / DRO / MRO)	
TPH (Method 418.1)	
EDB (Method 504.1)	
PAH's (8310 or 8270 SIMS)	
RCRA 8 Metals	
Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	<u>1</u>
8081 Pesticides / 8082 PCBs	
8260B (VOA)	
8270 (Semi-VOA)	
Air Bubbles (Y or N)	

APPENDIX B

FORM C141 FINAL

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

Form C-141
Revised August 8, 2011

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

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: COG Operating LLC	Contact: Robert McNeill
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No. 432-230-0077
Facility Name: ROCKET FEDERAL #001	Facility Type: SWD

Surface Owner: Federal	Mineral Owner:	API No. 30-015-34795
------------------------	----------------	----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	4	26S	29E	116'	South	564'	East	Eddy

Latitude 32.0646286 Longitude -103.9820938

NATURE OF RELEASE

Type of Release: Oil & Produced Water	Volume of Release: 22 bbls Oil ; 1360 bbls PW	Volume Recovered: 240 bbls fluid
Source of Release: Lightning Strike	Date and Hour of Occurrence: 10/21/2015 10:00 pm	Date and Hour of Discovery: 10/21/2015 10:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher – NMOCD / Jim Amos – BLM	
By Whom? Amanda Trujillo Davis	Date and Hour: Fri 10/23/2015 4:02 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*


Describe Cause of Problem and Remedial Action Taken.*

This release was caused by a lightning strike. Once the fire was extinguished, vacuum trucks were dispatched to recover all standing fluid.

Describe Area Affected and Cleanup Action Taken.*

This release did not remain on location. This release was addressed per the approved workplan and under the guidance of NMOCD and the BLM.

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: Amanda Trujillo Davis	Approved by Environmental Specialist:	
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:
E-mail Address: atrujillo@concho.com	Conditions of Approval:	
Date: December 29, 2015 Phone: 575-748-6940	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary