District I
162 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

NMOCD
JUL 13 2018
DISTRICT III

Form C-141
Revised April 3, 2017

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: **Enduring Resources, LLC**	Contact: **James McDaniel**
Address: **332 Road 3100, Aztec, New Mexico 87410**	Telephone No.: **505-636-9731**
Facility Name: **Logos 3**	Facility Type: **Well Site (Oil)**

Surface Owner: **BLM**	Mineral Owner: **BLM**	API No. **30-043-31135**

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	**5**	**22N**	**6W**	**741**	**SOUTH**	**1263**	**EAST**	**Sandoval**

Latitude 36.162408 **Longitude** -107.486479 NAD83

NATURE OF RELEASE

Type of Release: **Produced Oil**	Volume of Release: **8 BBLS**	Volume Recovered: **1 BBLS**
Source of Release: **Overflow Oil Tank**	Date and Hour of Occurrence: **June 25, 2018**	Date and Hour of Discovery: **June 25, 2018 – 10:30 AM**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
NOT IMPACTED

Describe Cause of Problem and Remedial Action Taken.*
On June 25th, 2018 the lease operator noticed the oil tank was overflowing at the Logos #3 wellsite. The overflow valve had been shut between tanks, and the automatic shut off did not engage. Approximately 8 bbls was overflowed based on production data from the well. One (1) bbl of oil was recovered. The well was shut in to stop the release. The site was ranked according to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. The site was ranked a 10 due to a wash less than 1,000 feet from the location. This set the closure standard to 1,000 ppm TPH, 10 ppm benzene, and 50 ppm total BTEX. The on-site oil tank was moved to allow for the excavation of impacted soil.

Describe Area Affected and Cleanup Action Taken.*
On June 28, 2018, approximately 40 CY of impacted soil was excavated from the spill area. The excavation was approximately 49' long by 8-10' wide, by 1-3' deep; see *Field Notes*. The excavated area was separated into three (3) sections; the north section, the middle section, and the south section. Each area had a composite sample collected for laboratory analysis. Each sample was analyzed for TPH (GRO/DRO/MRO) via USEPA Method 8015, and for Benzene and total BTEX via USEPA Method 8021. All samples returned results below the regulatory standards determined for this location; see attached *Analytical Results*. No further action is required.

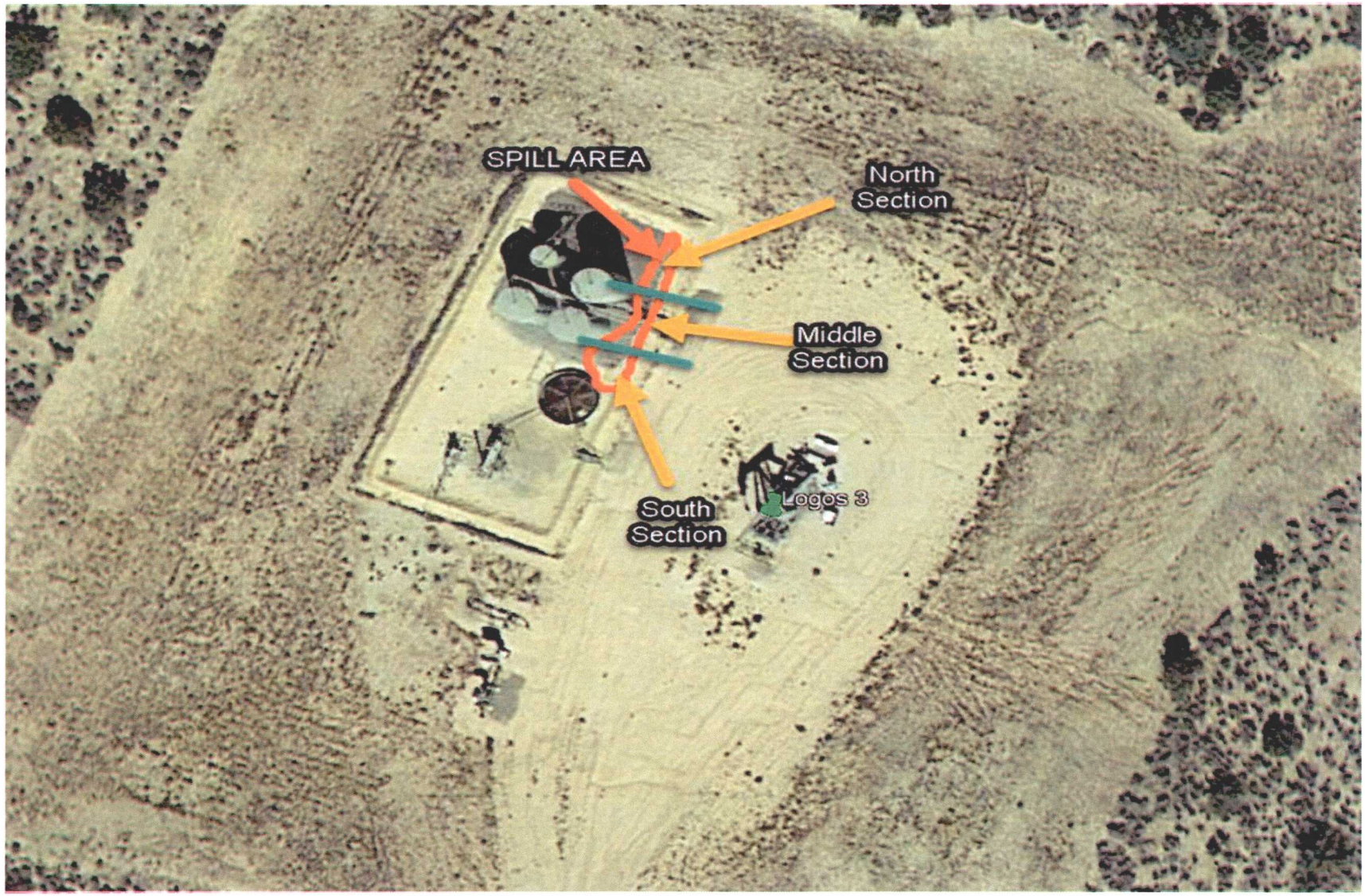
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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: **James McDaniel**	Approved by Environmental Specialist:
Title: **HSE Supervisor**	Approval Date: 7/18/18 Expiration Date:
E-mail Address: **jmcdaniel@enduringresources.com**	Conditions of Approval: — Attached ☐
Date: **7/10/2018** Phone: **505-636-9731**	

* Attach Additional Sheets If Necessary

NVF1819936548

21


SPILL AREA
North Section
Middle Section
South Section
Logos 3

ENDURING RESOURCES

ON-SITE FORM

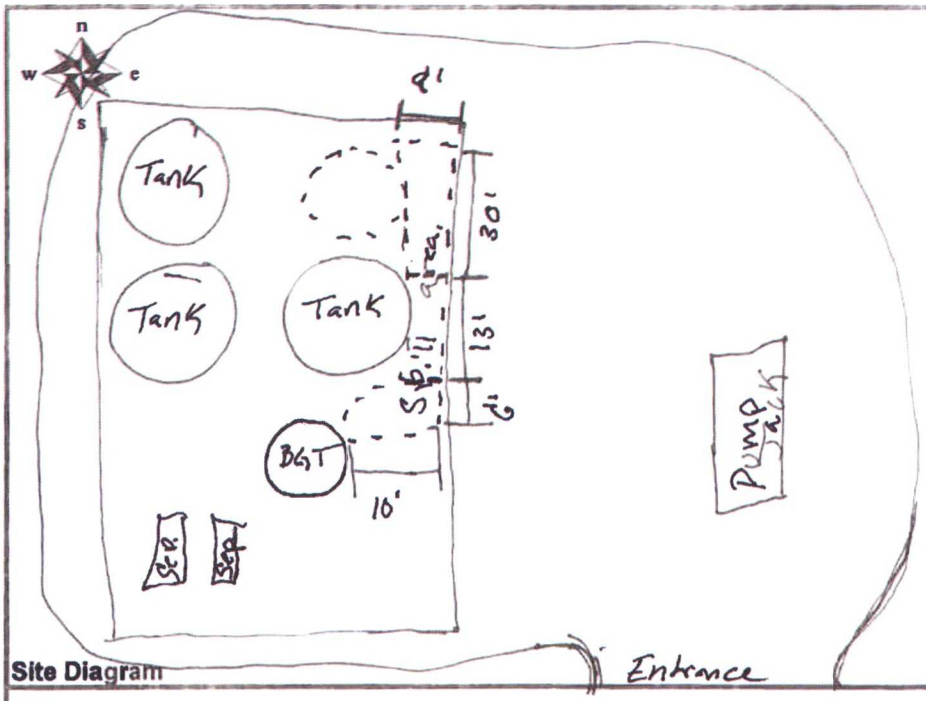
Well Name Logos #3 API # 30-043-31135

Section 5P Township 22N Range 6W County Sandoval State NM

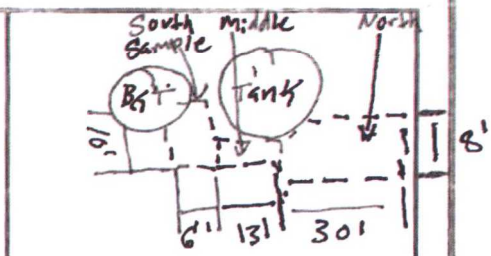
Contractors On-Site Knock out Time On-Site 2:00pm Time Off-Site 3:00pm

Spill Amount 8 bbls Spilled (Oil/Produced Water/Other 0:1) Recovered 1 BBLS

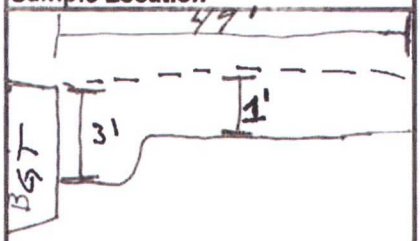
Land Use (Range / Residential / Tribe _____) Spill Area 49'L x 10'W x 3' deep



Site Diagram



Sample Location



Sample Location

Comments

Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
	NA	100 Standard	NA		NA
	1	South Section	Sandy		8015, 8021
	2	Middle Section	Sandy		8015, 8021
	3	North Section	Sandy		8015, 8021

Name (Print) Chad Snell Date 6/28/2015

Name (Signature) _____ Company Enduring Resources


Chaco 2206 5A 436H
Chaco 2206 5A 437H
Elevation: 6,962 Feet
Chaco 2206 2H 225H
Chaco 2206 2H 272H
Mo-Te Surface Casing: 111'
16,800 Feet
Elevation: 7,190 Feet
Logos 3
Chaco 2206 2P 228H
Chaco 2206 2P 227H
Indst 474
Rte 46

MO-TE DRILLING, INC.

DAY Thursday

DRILLER Josh | LEFT TOWN | ARRIVED FIELD

HELPER Dustin | LEFT FIELD | ARRIVED TOWN

HELPER | TOTAL FOOTAGE TODAY

RIG NO. 208 DATE 5-9-13 CLIENT WPX

BEGIN WORK ON HOLE NO. Chaco 2206-02H AT FEET

BEGIN WORK ON HOLE NO. #225H AT FEET

TIME FROM	TIME TO	ACTIVITY
		Rig up. Drill 6¼" hole 0-65
		TOH. wait 1 Hour check for
		water. No water!
		TIH Dr. 11 6¼" Hole 65-115
		TOH. wait 1 Hour check
		for water. Hole was wet
		at 115'. cover Hole.
		(Tag Water @ 111')
		Rig down

BIT RECORD

SIZE & MAKE	SERIAL NO.	FOOTAGE

CIRCULATION MATERIAL

QUAN.	UNIT	MATERIAL

½ day rig	1750.00
½ rig Supervisor	387.50
Tax	152.46
Total	2289.96


540 Feet
Logos 3

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

July 10, 2018

Enduring Resources

Sample Delivery Group:	L1005829
Samples Received:	06/29/2018
Project Number:	
Description:	Spill
Site:	LOGOS #3
Report To:	James McDaniel 332 County Road 3100 Aztec, NM 87410

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Technical Service Representative

TABLE OF CONTENTS

ONE LAB. NATIONWIDE.

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

NORTH SECTION L1005829-01 Solid

Collected by: James McDaniel
Collected date/time: 06/28/18 14:20
Received date/time: 06/29/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1134083	1	07/05/18 15:33	07/05/18 15:45	JD
Volatile Organic Compounds (GC) by Method 8015/8021	WG1133637	1	06/30/18 09:24	07/04/18 20:08	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1135089	1	07/06/18 17:47	07/09/18 06:09	MG

MIDDLE SECTION L1005829-02 Solid

Collected by: James McDaniel
Collected date/time: 06/28/18 14:25
Received date/time: 06/29/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1134083	1	07/05/18 15:33	07/05/18 15:45	JD
Volatile Organic Compounds (GC) by Method 8015/8021	WG1133637	1	06/30/18 09:24	07/04/18 20:30	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1135089	1	07/06/18 17:47	07/09/18 06:49	MTJ

SOUTH SECTION L1005829-03 Solid

Collected by: James McDaniel
Collected date/time: 06/28/18 14:30
Received date/time: 06/29/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Total Solids by Method 2540 G-2011	WG1134083	1	07/05/18 15:33	07/05/18 15:45	JD
Volatile Organic Compounds (GC) by Method 8015/8021	WG1133637	1	06/30/18 09:24	07/04/18 20:52	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1135089	1	07/06/18 17:47	07/09/18 07:02	MG

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.4		1	07/05/2018 15:45	WG1134083

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000535	1	07/04/2018 20:08	WG1133637
Toluene	ND		0.00535	1	07/04/2018 20:08	WG1133637
Ethylbenzene	ND		0.000535	1	07/04/2018 20:08	WG1133637
Total Xylene	ND		0.00161	1	07/04/2018 20:08	WG1133637
TPH (GC/FID) Low Fraction	ND		0.107	1	07/04/2018 20:08	WG1133637
(S) a,a,a-Trifluorotoluene(FID)	*94.7*		*77.0-120*		*07/04/2018 20:08*	WG1133637
(S) a,a,a-Trifluorotoluene(PID)	*95.8*		*75.0-128*		*07/04/2018 20:08*	WG1133637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	10.1		4.28	1	07/09/2018 06:09	WG1135089
C28-C40 Oil Range	ND		4.28	1	07/09/2018 06:09	WG1135089
(S) o-Terphenyl	*116*		*18.0-148*		*07/09/2018 06:09*	WG1135089

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.0		1	07/05/2018 15:45	WG1134083

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000543	1	07/04/2018 20:30	WG1133637
Toluene	ND		0.00543	1	07/04/2018 20:30	WG1133637
Ethylbenzene	ND		0.000543	1	07/04/2018 20:30	WG1133637
Total Xylene	0.00173		0.00163	1	07/04/2018 20:30	WG1133637
TPH (GC/FID) Low Fraction	0.140		0.109	1	07/04/2018 20:30	WG1133637
(S) a,a,a-Trifluorotoluene(FID)	*95.4*		*77.0-120*		*07/04/2018 20:30*	WG1133637
(S) a,a,a-Trifluorotoluene(PID)	*96.1*		*75.0-128*		*07/04/2018 20:30*	WG1133637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	88.9		4.35	1	07/09/2018 06:49	WG1135089
C28-C40 Oil Range	37.9		4.35	1	07/09/2018 06:49	WG1135089
(S) o-Terphenyl	*73.3*		*18.0-148*		*07/09/2018 06:49*	WG1135089

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.8		1	07/05/2018 15:45	WG1134083

Volatile Organic Compounds (GC) by Method 8015/8021

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.000539	1	07/04/2018 20:52	WG1133637
Toluene	ND		0.00539	1	07/04/2018 20:52	WG1133637
Ethylbenzene	ND		0.000539	1	07/04/2018 20:52	WG1133637
Total Xylene	ND		0.00162	1	07/04/2018 20:52	WG1133637
TPH (GC/FID) Low Fraction	ND		0.108	1	07/04/2018 20:52	WG1133637
(S) a,a,a-Trifluorotoluene(FID)	*95.6*		*77.0-120*		*07/04/2018 20:52*	WG1133637
(S) a,a,a-Trifluorotoluene(PID)	*96.0*		*75.0-128*		*07/04/2018 20:52*	WG1133637

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	12.1		4.31	1	07/09/2018 07:02	WG1135089
C28-C40 Oil Range	ND		4.31	1	07/09/2018 07:02	WG1135089
(S) o-Terphenyl	*110*		*18.0-148*		*07/09/2018 07:02*	WG1135089

Method Blank (MB)

(MB) R3323523-1 07/05/18 15:45

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1005833-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1005833-01 07/05/18 15:45 • (DUP) R3323523-3 07/05/18 15:45

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	91.5	90.5	1	1.11		5

Laboratory Control Sample (LCS)

(LCS) R3323523-2 07/05/18 15:45

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3323306-5 07/04/18 14:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	U		0.000150	0.00500
Ethylbenzene	U		0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	*98.7*			*77.0-120*
(S) a,a,a-Trifluorotoluene(PID)	*99.4*			*75.0-128*

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

(LCS) R3323306-1 07/04/18 13:05 • (LCSD) R3323306-2 07/04/18 13:27

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0504	0.0476	101	95.2	71.0-121			5.71	20
Toluene	0.0500	0.0509	0.0482	102	96.3	72.0-120			5.55	20
Ethylbenzene	0.0500	0.0512	0.0482	102	96.4	76.0-121			5.99	20
Total Xylene	0.150	0.155	0.146	103	97.2	75.0-124			5.92	20
(S) a,a,a-Trifluorotoluene(FID)				*99.2*	*97.9*	*77.0-120*				
(S) a,a,a-Trifluorotoluene(PID)				*97.9*	*96.9*	*75.0-128*				

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

(LCS) R3323306-3 07/04/18 13:49 • (LCSD) R3323306-4 07/04/18 14:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	6.10	6.27	111	114	70.0-136			2.74	20
(S) a,a,a-Trifluorotoluene(FID)				*104*	*106*	*77.0-120*				
(S) a,a,a-Trifluorotoluene(PID)				*110*	*111*	*75.0-128*				

L1005833-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1005833-05 07/04/18 22:44 • (MS) R3323306-6 07/04/18 23:06 • (MSD) R3323306-7 07/04/18 23:29

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	ND	50.0	53.7	100	107	1000	10.0-146			7.07	29
Toluene	0.0500	ND	51.2	54.9	96.4	104	1000	10.0-143			6.95	30
Ethylbenzene	0.0500	4.96	49.9	53.7	89.9	97.6	1000	10.0-147			7.42	31
Total Xylene	0.150	8.53	142	153	88.8	96.4	1000	10.0-149			7.73	30
(S) a,a,a-Trifluorotoluene(FID)					*93.1*	*92.6*		*77.0-120*				
(S) a,a,a-Trifluorotoluene(PID)					*97.5*	*97.3*		*75.0-128*				

Sample Narrative:

OS: Non-target compounds too high to run at a lower dilution.

L1005833-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1005833-05 07/04/18 22:44 • (MS) R3323306-8 07/04/18 23:51 • (MSD) R3323306-9 07/05/18 00:13

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	883	6910	7040	110	112	1000	10.0-147			1.90	30
(S) a,a,a-Trifluorotoluene(FID)					*102*	*102*		*77.0-120*				
(S) a,a,a-Trifluorotoluene(PID)					*109*	*108*		*75.0-128*				

Sample Narrative:

OS: Non-target compounds too high to run at a lower dilution.

Method Blank (MB)

(MB) R3324030-1 07/09/18 05:28

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/kg		mg/kg	mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	U		0.274	4.00
(S) o-Terphenyl	*110*			*18.0-148*

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

(LCS) R3324030-2 07/09/18 05:42 • (LCSD) R3324030-3 07/09/18 05:55

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	%	%	%			%	%
C10-C28 Diesel Range	50.0	48.0	49.0	96.0	98.0	50.0-150			2.00	20
(S) o-Terphenyl				*101*	*117*	*18.0-148*				

L1005829-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1005829-01 07/09/18 06:09 • (MS) R3324030-4 07/09/18 06:22 • (MSD) R3324030-5 07/09/18 06:36

Analyte	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
C10-C28 Diesel Range	53.5	10.1	54.6	47.8	83.2	70.4	1	50.0-150			13.3	20
(S) o-Terphenyl					*108*	*83.8*		*18.0-148*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

Co
Tc
Ss
Cn
Sr
Qc
Al
Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

Cp
Tc
Ss
Cn
Sr
Qc
Gl
Al
Sc

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1,6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1,4]	2006
Louisiana [1]	LA180010	Texas	T 104704245-17-14
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.

Enduring Resources

332 County Road 3100
Aztec, NM 87410

Billing Information:
James McDaniel
332 County Road 3100
Aztec, NM 87410

Pres Chk

Report to: James McDaniel

Email To: JMcdaniel@EnduringResources.com

Project Description: Sp'11

City/State Collected: —

Phone: 505-636-9731
Fax:

Client Project # —

Lab Project # —

Collected by (print): J. McDaniel

Site/Facility ID # Logos #3

P.O. # —

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # —

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8021 (BTEX)	8015 (GRO/DRO/MRO)									Remarks	Sample # (lab only)
North Section	Comp.	SS	—	6/28/18	2:20pm	1	X	X										-01
Middle Section	Comp.	SS	—	6/28/18	2:25pm	1	X	X										-02
South Section	Comp.	SS	—	6/28/18	2:30pm	1	X	X										-03

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Accumet

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L005829
D212

Acctnum: ENDRESANM
Template:
Prelogin:
TSR: 288 - Daphne Richards
PB:
Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other _____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
___ UPS X FedEx ___ Courier ___ _____

Tracking # 4196 3260 1780

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	6/28/18	16:19		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.3°C Bottles Received: 3=40zCl
				If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6/29/18 Time: 0845
				Hold: Condition: NCF / OK

Enduring Resources, LLC
Spill Closure Report
Logos 3
30-043-31135

PHOTO 1: Spill Area after excavation

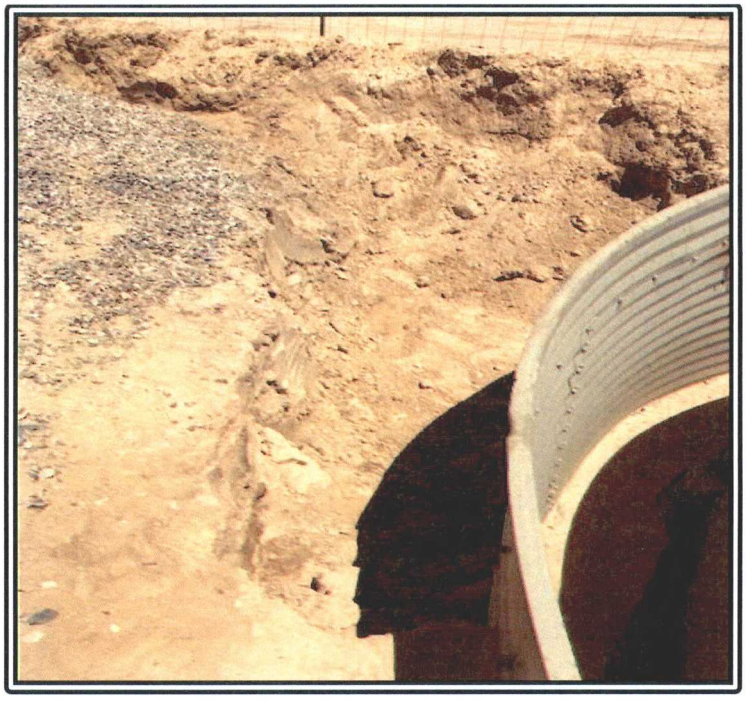


PHOTO 2: Spill Area after Excavation