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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

### **Release Notification**

### **Responsible Party**

Responsible Party: Enduring Resources			OGRID: 3	72286		
Contact Name: Chad Snell			Contact Te	elephone: 505-444-	0586	
Contact email: csnell@enduringresources.com			Incident #	(assigned by OCD) NC	CS1901528176	
Contact mail	ing address:	200 Energy Cour	·t	Farmingt	on, New Mexico 87	7401
Latitude	36. 164358	3		of Release So  Longitude  imal degrees to 5 decin	-107. 3959	38
Site Name: L	ogos 002			Site Type:	Wellsite	
Date Release	Discovered:	12/31/2018		API# (if app	olicable) 30-043-2112	20
Unit Letter	Section	Township	Range	Cour	nty	NMOCD
I	6	22N	5W	Sando	oval	MAR 0 4 2019
	Material	(s) Released (Select al		Volume of l	Release	umes provided below)
Crude Oil		Volume Release		calculations or specific	Volume Recovered	
Produced	Water	Volume Release	d (bbls):		Volume Recovere	ed (bbls):
Is the concentration of dissolved chloride in produced water >10,000 mg/l?			nloride in the	☐ Yes ☐ No		
Condensate Volume Released (bbls)				Volume Recovere	ed (bbls)	
☐ Natural Gas Volume Released (Mcf)				Volume Recovere	ed (Mcf)	
Other (describe) Volume/Weight Released (provide units)			units)	Volume/Weight I	Recovered (provide units)	
	, a leak was					hich remained right around the sday January 10 <sup>th</sup> , 2019.

### Smith, Cory, EMNRD

From:

Smith, Cory, EMNRD

Sent:

Wednesday, March 13, 2019 10:10 AM

To:

'Chad Snell'; Fields, Vanessa, EMNRD; James McDaniel

Cc:

Kenny Dearen; John Dockter; Antonio Lucero; Powell, Brandon, EMNRD

Subject:

RE: Confirmation Sampling - January 7, 2019

Chad,

OCD has received the final C-141 for the release on the Logos #2. The OCD has denied the C-141 because the sampling does not meet the requires of 19.15.29.12 NMAC.

As discussed onsite on 1/10/19 at the Chaco 175H Enduring needed to follow the 200sqft sampling procedure because I was not going to attend the release as I had another inspection to perform.

The area needs to be resampled per 19.15.29.12 NMAC and the closure document need to be updated and resubmitted.

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: Chad Snell <CSnell@enduringresources.com>

Sent: Tuesday, January 8, 2019 6:52 AM

To: Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>; James McDaniel <JMcDaniel@enduringresources.com>;

Smith, Cory, EMNRD < Cory. Smith@state.nm.us>

Cc: Kenny Dearen <KDearen@enduringresources.com>; John Dockter <JDockter@enduringresources.com>; Antonio

Lucero <ALucero@enduringresources.com>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>

**Subject:** [EXT] RE: Confirmation Sampling - January 7, 2019

Good morning,

Conformation sampling will begin Thursday January 10<sup>th</sup>, 2019. We will start at the NEU 2207 16B at 9:00am followed by the NE Chaco 173H and finishing up at the Logos 2. If you have any questions please let me know.

Thanks.

From: Fields, Vanessa, EMNRD < Vanessa. Fields@state.nm.us>

Sent: Monday, January 07, 2019 7:30 AM

To: James McDaniel < JMcDaniel@enduringresources.com >; Smith, Cory, EMNRD < Cory.Smith@state.nm.us >

**Cc:** Kenny Dearen < KDearen@enduringresources.com >; Chad Snell < CSnell@enduringresources.com >; John Dockter < JDockter@enduringresources.com >; Antonio Lucero < ALucero@enduringresources.com >; Powell, Brandon, EMNRD

<Brandon.Powell@state.nm.us>

Subject: RE: Confirmation Sampling - January 7, 2019

Good morning James,

As discussed this morning sampling will be moved to Thursday January 10, 2019 due to road conditions. Sampling can occur at both locations during this time.

Please let Cory know what time sampling will occur.

Thank you,

Vanessa Fields
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 119
Cell: (505) 419-0463
vanessa.fields@state.nm.us

From: James McDaniel < JMcDaniel@enduringresources.com >

Sent: Friday, January 4, 2019 2:44 PM

To: Smith, Cory, EMNRD < Cory.Smith@state.nm.us >; Fields, Vanessa, EMNRD < Vanessa.Fields@state.nm.us >

Cc: Kenny Dearen < KDearen@enduringresources.com >; Chad Snell < CSnell@enduringresources.com >; John Dockter

 $< \underline{\textbf{JDockter@enduringresources.com}}; \textbf{Antonio Lucero} < \underline{\textbf{ALucero@enduringresources.com}}; \textbf{Powell, Brandon, EMNRD}$ 

<Brandon.Powell@state.nm.us>

Subject: [EXT] RE: Confirmation Sampling - January 7, 2019

Cory,

The inspections from Dec 4 to current will be brought to the pond, and the equipment to check the leak detection will be brought as well. The sampling for the NE Chaco 173H will need to be postponed, as we were not able to get into the site as we had hoped for the cleanup today due to cold temperatures. Thanks much!

James McDaniel
HSE Supervisor
Enduring Resources
CSP #30009
CHMM #15676

*Office:* 505-636-9731 *Cell:* 505-444-3004

imcdaniel@enduringresources.com



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

**Sent:** Friday, January 04, 2019 2:24 PM

To: James McDaniel < <u>JMcDaniel@enduringresources.com</u>>; Fields, Vanessa, EMNRD < <u>Vanessa.Fields@state.nm.us</u>>
Cc: Kenny Dearen < <u>KDearen@enduringresources.com</u>>; Chad Snell < <u>CSnell@enduringresources.com</u>>; John Dockter < <u>JDockter@enduringresources.com</u>>; Antonio Lucero < <u>ALucero@enduringresources.com</u>>; Powell, Brandon, EMNRD < <u>Brandon.Powell@state.nm.us</u>>

**Subject:** RE: Confirmation Sampling - January 7, 2019

James,

The times work, Please make sure on Monday that Enduring has the equipment to inspect the leak detection system at the 16B Pond Please also bring a copy of the log of the inspections of the leak detection starting from the week of December 4 2018.

The area is expecting a winter storm Sunday so please let me know ASAP Monday morning if sampling needs to be postponed. I haven't seen the release sites but if they are covered in snow Enduring may be required to return to the site at a later date to collect any possible grab samples of wet or stained areas prior to closure.

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

From: James McDaniel < <a href="mailto:JMcDaniel@enduringresources.com">JMcDaniel@enduringresources.com</a>

Sent: Thursday, January 3, 2019 9:35 AM

To: Smith, Cory, EMNRD < Cory. Smith@state.nm.us >; Fields, Vanessa, EMNRD < Vanessa. Fields@state.nm.us > Cc: Kenny Dearen < KDearen@enduringresources.com >; Chad Snell < CSnell@enduringresources.com >; John Dockter

<<u>JDockter@enduringresources.com</u>>; Antonio Lucero <<u>ALucero@enduringresources.com</u>>

**Subject:** [EXT] Confirmation Sampling - January 7, 2019

As discussed with Vanessa on December 31, 2018, the confirmation sampling for the water release at the NEU 2207 16B that occurred on 12/26/2018 will be rescheduled for 9 AM on 1/7/2018. Additionally, Enduring had two additional minor releases that occurred on 12/31/2018 at the Logos 2 and the NE Chaco 173H. Cleanup activities have taken place on the Logos 2 for a 16 bbl oil spill around the wellhead, and a 15 bbl water spill will be cleaned up at the NE Chaco 173H on 1/4/2019. Confirmation sampling for these releases will also occur on 1/7/2018. Confirmation Sampling will occur at the Logos 2, following the sampling at the NEU 2207 16B, at approximately 11 AM, and confirmation sampling will occur on the NE Chaco 173H Battery at 1:00 PM, immediately following the confirmation sampling at the Logos 2. Thank you for your time in regards to these incidents.

James McDaniel
HSE Supervisor
Enduring Resources
CSP #30009
CHMM #15676
Office: 505-636-9731

# State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsi	ble party consider this a major release?	
release as defined by			
19.15.29.7(A) NMAC?			
☐ Yes ☒ No			
ICVEC immediate n	ation given to the OCD? By whom? To who	m? When and by what means (phone, email, etc)?	
If YES, was immediate no	ouce given to the OCD? By whom? To who	n? when and by what means (phone, email, etc)?	
	Initial Res	ponse	
The responsible	party must undertake the following actions immediately s	inless they could create a safety hazard that would result in injury	
······································			
☐ The source of the rele	ease has been stopped.		
∑ The impacted area ha	s been secured to protect human health and th	e environment.	
Released materials ha	ave been contained via the use of berms or dil	es, absorbent pads, or other containment devices.	
All free liquids and re	ecoverable materials have been removed and	nanaged appropriately.	
	d above have <u>not</u> been undertaken, explain wh		
if all the actions described	a above have <u>not</u> been undertaken, explain wi	y.	
Per 19.15.29.8 B. (4) NM	IAC the responsible party may commence ren	nediation immediately after discovery of a release. If remediation	
has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred			
within a lined containmen	ıt area (see 19.15.29.11(A)(5)(a) NMAC), ple	ase attach all information needed for closure evaluation.	
		st of my knowledge and understand that pursuant to OCD rules and	
		ations and perform corrective actions for releases which may endanger	
failed to adequately investig	ate and remediate contamination that pose a threat	D does not relieve the operator of liability should their operations have to groundwater, surface water, human health or the environment. In	
addition, OCD acceptance of	f a C-141 report does not relieve the operator of re	sponsibility for compliance with any other federal, state, or local laws	
and/or regulations.			
Printed Name:	Title:		
Signature:		Date:	
email:	Telephone:		
	<u> </u>		
OCD Only			
OCD OM5			
Received by:		Date:	

# State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

### Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No		
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No		
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> <li>Laboratory data including chain of custody</li> </ul>			

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

# State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.		
Printed Name:	Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	

# State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be	included in the plan.			
<ul> <li>□ Detailed description of proposed remediation technique</li> <li>□ Scaled sitemap with GPS coordinates showing delineation points</li> <li>□ Estimated volume of material to be remediated</li> <li>□ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>□ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>				
Deferral Requests Only: Each of the following items must be con-	firmed as part of any request for deferral of remediation.			
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility			
Extents of contamination must be fully delineated.				
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.				
Printed Name:	Title:			
Signature:	Date:			
email:	Telephone:			
OCD Only				
Received by:	Date:			
☐ Approved ☐ Approved with Attached Conditions of	Approval			
Signature:	Date:			

# State of New Mexico Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

Incident ID	
District RP	
Facility ID	
Application ID	

### Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.  Printed Name: Chad Snell  Title: HSE TECH
Signature:
email: csnell@enduringresources.com Telephone:(505)444-0586
OCD Only
Received by: Date: 3/4/19
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.
Closure Approved DENIED Date: 3/13/19
Printed Name: Title:
De not meet the Sampling Requirements

of 1529. 12 NMAC.

### **Logos 2 Remediation Narrative**

### 12/31/2018

During daily routine duties a lease operator discovered a release. The release was caused by a 1/2inch ball valve on the gas dryer at the well head that broke due to freezing. The release was calculated by using a calculation tool that verified 18 bbls of oil had been released. The impacted area was measured out to a 22 Ft. x 13 Ft. area which majority of the oil stayed on the surface due to freezing conditions.

### 1/2/2019

Clean up activities began using a hydrovac truck that sucked up approximately 18 bbls of oil and 20 bbls of snow around the wellhead. Additionally another 6 inches of impacted soil was hydrovac around the wellhead.

### 1/3/2019

Enduring Resources, LLC personnel notified the NMOCD that confirmation sampling would take place on January 7<sup>th</sup> 2019.

### 1/7/2019

NMOCD notified Enduring Resources, LLC that they would have to postpone witness sampling to January 10<sup>th</sup> 2019 due to road conditions.

### 1/10/2019

Composite sample was taken from the release area and sent in for analysis of TPH (GRO/DRO/ORO), BTEX, and Chlorides. The site was ranked by ground water test holes that were bored at a nearby location by MO-TE Drilling. Water was detected at 113 Ft. below surface. Elevation at this site is approximately 6895 Ft. The Elevation at the Logos 2 is approximately 6911Ft. demonstrating ground water is around 129 ft. below surface (see attached *Boring logs*). This being determined set closure standards to 1,000 ppm GRO+DRO, 2,500 ppm TPH (GRO/DRO/ORO), 50 ppm BTEX 10 ppm Benzene and 20,000 ppm Chlorides.

### 1/16/2019

Lab analysis returned results under regulatory standards for this site (see attached *Lab Analysis*). No further remediation is required at this time.



# Enduring Resources, LLC Photo Page Logos 2 30-043-21120

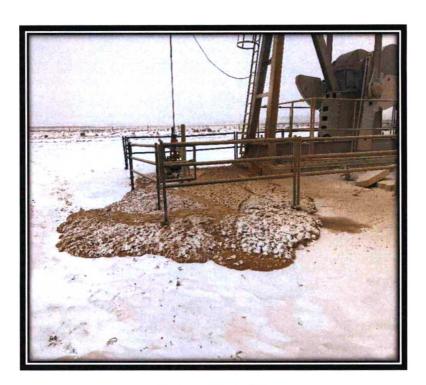
### Photos of Release



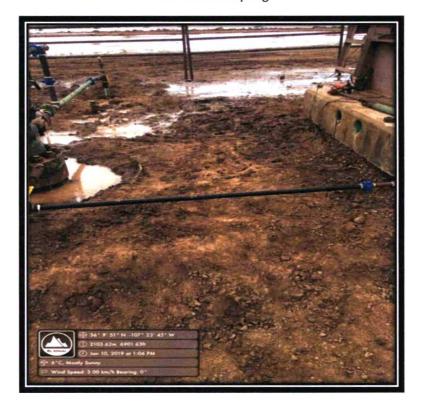




Enduring Resources, LLC Photo Page Logos 2 30-043-21120

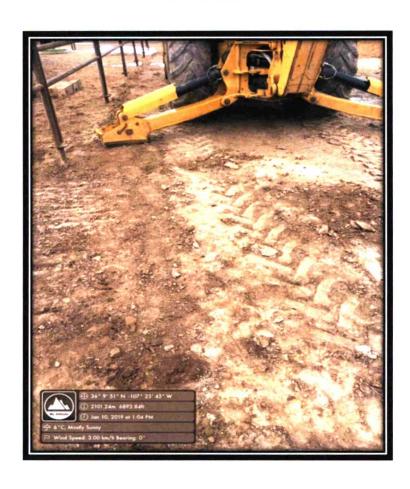


**Photos of Sampling** 





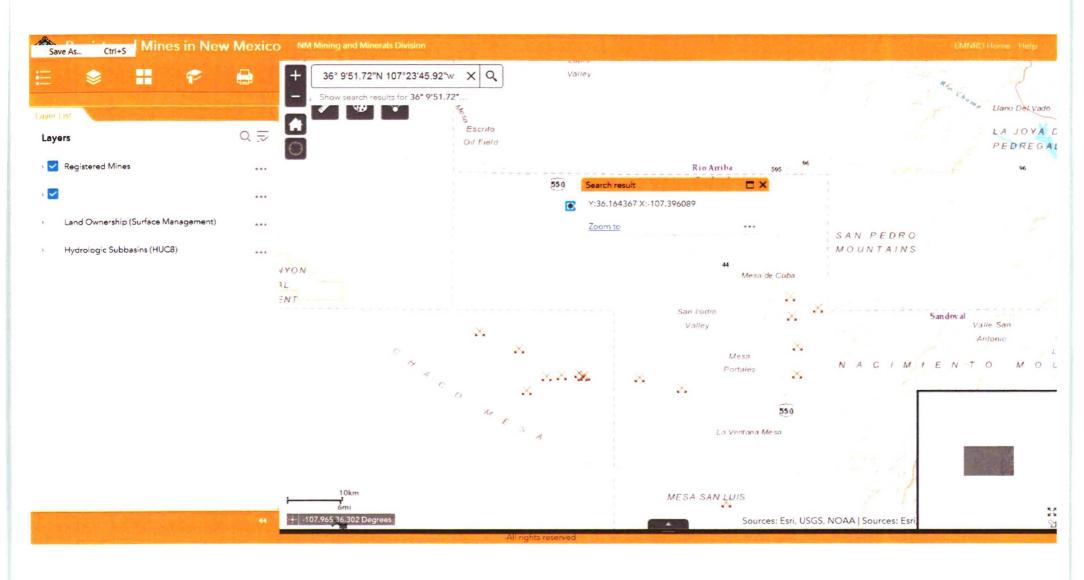
### Enduring Resources, LLC Photo Page Logos 2 30-043-21120



### Logos 2

Sample Name	Description	Date	Time	DRO	SOFT LAND	DRO+ GRO	ORO	Total TPH	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Chlorides
				NA	NA	1000	NA	2500	10	NA	NA	NA	50	20,000
STANDARD	>100 feet to GW	NA	NA	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Well Head area	Composite	1/10/2019	1:05 PM	358	179	537	160	697.0	0.122	0.601	0.416	3.11	4.891	382

CLOSURE SAMPLES





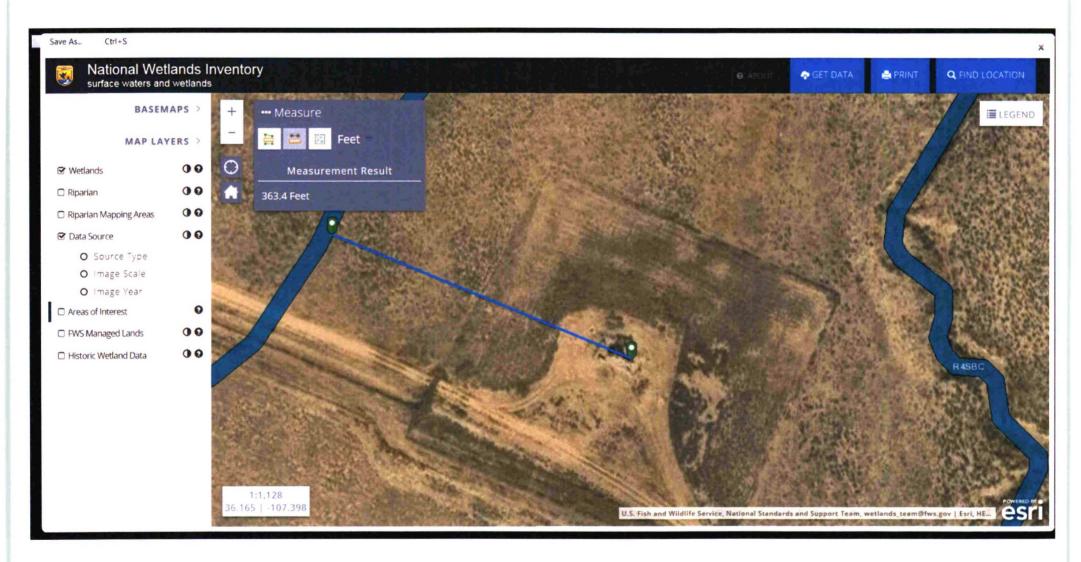
# MO-TE DRILLING, INC.

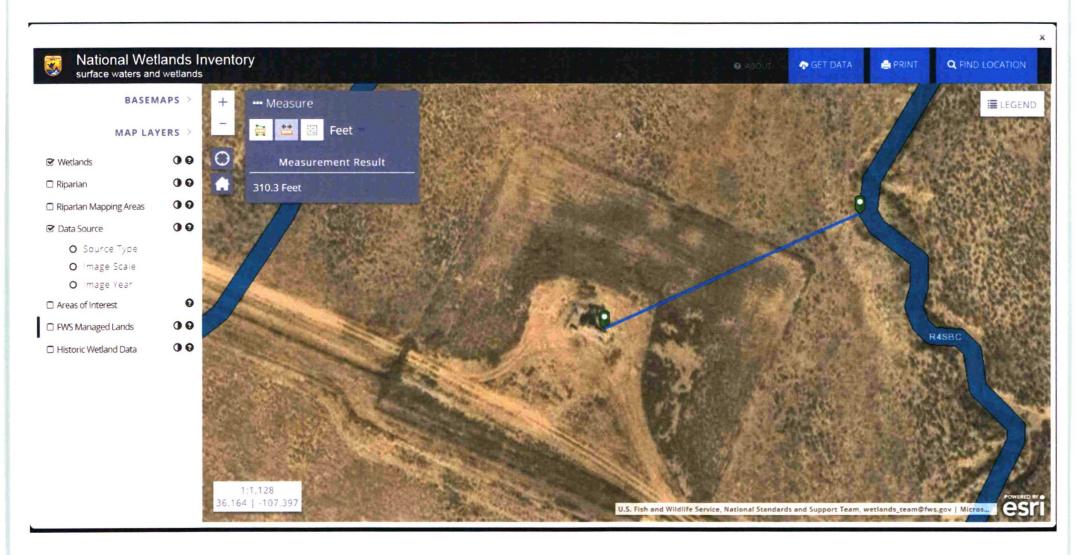
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BEGIN WORK ON HOLE		21155AT	FEET
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9:00 9:10	DR:11 64"	166 0-4	o' roH
9:10 10:10	Stand by		
10:10 10:15	Chrek FOR	water -	NO WATER
10:15 10:31	TH DRIL	1 65" Hele	40-65' TOH
10:31 11:31	Stanidhy		
11:31 11:36	Theck for	2 water :	NO WATER
11:36 12:04	77H DRIA	1 6th Hole	65-115'
12:04 12:54	1		
12:54 1:54	Stand by		1
1:54 2:00	Check F	on water	WATER (5) 113'
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# MO-TE DRILLING, INC.

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HELPER			TALFOOTAG		
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# National Flood Hazard Layer FIRMette

250

500

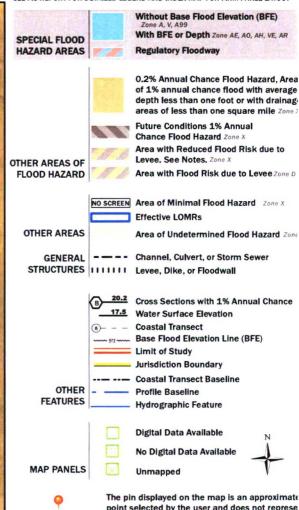
1,000

1,500



### Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



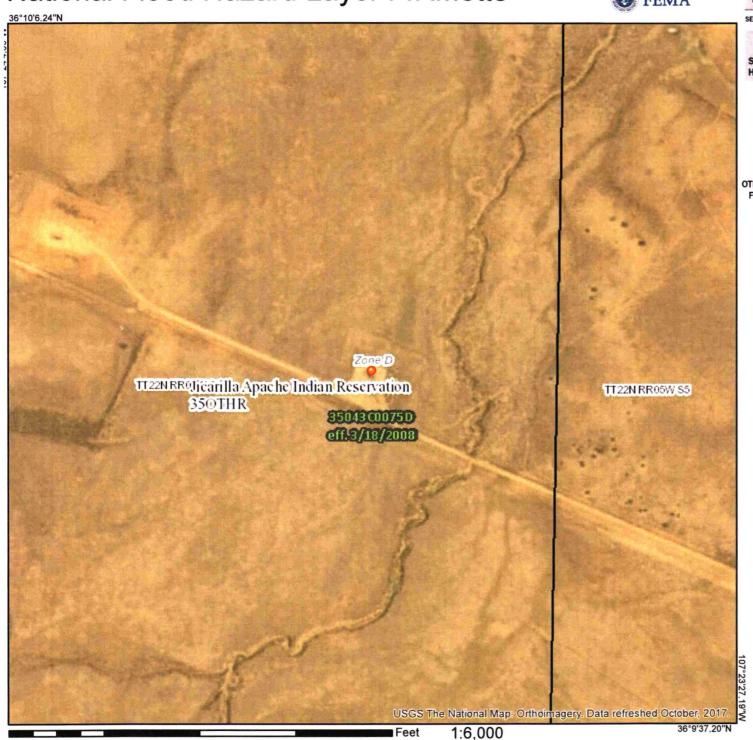


point selected by the user and does not represe an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/7/2019 at 11:06:04 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



2,000

### **Chad Snell**

From: Chad Snell

Sent: Tuesday, January 08, 2019 6:52 AM

To: 'Fields, Vanessa, EMNRD'; James McDaniel; Smith, Cory, EMNRD

Cc: Kenny Dearen; John Dockter; Antonio Lucero; Powell, Brandon, EMNRD

Subject: RE: Confirmation Sampling - January 7, 2019

### Good morning,

Conformation sampling will begin Thursday January 10<sup>th</sup>, 2019. We will start at the NEU 2207 16B at 9:00am followed by the NE Chaco 173H and finishing up at the Logos 2. If you have any questions please let me know.

### Thanks.

From: Fields, Vanessa, EMNRD < Vanessa. Fields@state.nm.us>

Sent: Monday, January 07, 2019 7:30 AM

To: James McDaniel < JMcDaniel@enduringresources.com>; Smith, Cory, EMNRD < Cory.Smith@state.nm.us>

Cc: Kenny Dearen <KDearen@enduringresources.com>; Chad Snell <CSnell@enduringresources.com>; John Dockter

<JDockter@enduringresources.com>; Antonio Lucero <ALucero@enduringresources.com>; Powell, Brandon, EMNRD

<Brandon.Powell@state.nm.us>

Subject: RE: Confirmation Sampling - January 7, 2019

Good morning James,

As discussed this morning sampling will be moved to Thursday January 10, 2019 due to road conditions. Sampling can occur at both locations during this time.

Please let Cory know what time sampling will occur.

Thank you,

Vanessa Fields
Environmental Specialist
Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos, Aztec, NM 87410
(505)334-6178 ext 119
Cell: (505) 419-0463

vanessa.fields@state.nm.us

From: James McDaniel < JMcDaniel@enduringresources.com>

Sent: Friday, January 4, 2019 2:44 PM

To: Smith, Cory, EMNRD < Cory. Smith@state.nm.us >; Fields, Vanessa, EMNRD < Vanessa. Fields@state.nm.us > Cc: Kenny Dearen < Note: Cory. Smith@state.nm.us >; Chad Snell < Conell@enduringresources.com >; John Dockter < Note: Cory. Smith@state.nm.us >; Chad Snell < Conell@enduringresources.com >; John Dockter < Note: Cory. Smith@state.nm.us >; Powell, Brandon, EMNRD < Note: Cory. Smith@state.nm.us >; Powell & Note: Cory. Smith@stat

Subject: [EXT] RE: Confirmation Sampling - January 7, 2019

Cory,

The inspections from Dec 4 to current will be brought to the pond, and the equipment to check the leak detection will be brought as well. The sampling for the NE Chaco 173H will need to be postponed, as we were not able to get into the site as we had hoped for the cleanup today due to cold temperatures. Thanks much!

James McDaniel HSE Supervisor Enduring Resources CSP #30009 CHMM #15676 Office: 505-636-9731 Cell: 505-444-3004

imcdaniel@enduringresources.com



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

Sent: Friday, January 04, 2019 2:24 PM

To: James McDaniel < JMcDaniel@enduringresources.com >; Fields, Vanessa, EMNRD < Vanessa.Fields@state.nm.us > Cc: Kenny Dearen < KDearen@enduringresources.com >; Chad Snell < CSnell@enduringresources.com >; John Dockter < JDockter@enduringresources.com >; Antonio Lucero < ALucero@enduringresources.com >; Powell, Brandon, EMNRD < Brandon.Powell@state.nm.us >

Subject: RE: Confirmation Sampling - January 7, 2019

James,

The times work, Please make sure on Monday that Enduring has the equipment to inspect the leak detection system at the 16B Pond Please also bring a copy of the log of the inspections of the leak detection starting from the week of December 4 2018.

The area is expecting a winter storm Sunday so please let me know ASAP Monday morning if sampling needs to be postponed. I haven't seen the release sites but if they are covered in snow Enduring may be required to return to the site at a later date to collect any possible grab samples of wet or stained areas prior to closure.

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

From: James McDaniel < JMcDaniel@enduringresources.com>

Sent: Thursday, January 3, 2019 9:35 AM

To: Smith, Cory, EMNRD < Cory. Smith@state.nm.us>; Fields, Vanessa, EMNRD < Vanessa. Fields@state.nm.us>

Cc: Kenny Dearen <KDearen@enduringresources.com>; Chad Snell <CSnell@enduringresources.com>; John Dockter

<<u>JDockter@enduringresources.com</u>>; Antonio Lucero <<u>ALucero@enduringresources.com</u>>

Subject: [EXT] Confirmation Sampling - January 7, 2019

As discussed with Vanessa on December 31, 2018, the confirmation sampling for the water release at the NEU 2207 16B that occurred on 12/26/2018 will be rescheduled for 9 AM on 1/7/2018. Additionally, Enduring had two additional minor releases that occurred on 12/31/2018 at the Logos 2 and the NE Chaco 173H. Cleanup activities have taken place on the Logos 2 for a 16 bbl oil spill around the wellhead, and a 15 bbl water spill will be cleaned up at the NE Chaco 173H on 1/4/2019. Confirmation sampling for these releases will also occur on 1/7/2018. Confirmation Sampling will occur at the Logos 2, following the sampling at the NEU 2207 16B, at approximately 11 AM, and confirmation sampling will occur on the NE Chaco 173H Battery at 1:00 PM, immediately following the confirmation sampling at the Logos 2. Thank you for your time in regards to these incidents.

James McDaniel HSE Supervisor Enduring Resources CSP #30009 CHMM #15676 Office: 505-636-9731

Cell: 505-444-3004

imcdaniel@enduringresources.com





# ANALYTICAL REPORT

January 16, 2019

### **Enduring Resources**

Sample Delivery Group:

L1060392

Samples Received:

01/11/2019

Project Number:

Description:

Logos 2

Report To:

Chad Snell

200 Energy Court

Farmington, NM 87401

Entire Report Reviewed By:

Daphne Richards

Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

### TABLE OF CONTENTS

ONE LAB NATIONWIDE.



Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
WELL HEAD AREA L1060392-01	5
Qc: Quality Control Summary	6
Total Solids by Method 2540 G-2011	6
Wet Chemistry by Method 9056A	7
Volatile Organic Compounds (GC) by Method 8015/8021	8
Semi-Volatile Organic Compounds (GC) by Method 8015	10
GI: Glossary of Terms	11
Al: Accreditations & Locations	12
Sc: Sample Chain of Custody	13





















### SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



WELL HEAD AREA L1060392-01 Solid			Collected by Chad Snell	Collected date/time 01/10/19 13:05	Received date/time 01/11/19 08:45
Method	Batch	Dilution	Preparation	Analysis	Analyst
			date/time	date/time	
Total Solids by Method 2540 G-2011	WG1223608	1	01/15/19 14:09	01/15/19 14:22	KBC
Wet Chemistry by Method 9056A	WG1222712	1	01/14/19 10:38	01/14/19 13:31	MLM
Volatile Organic Compounds (GC) by Method 8015/8021	WG1223441	100	01/12/19 20:18	01/15/19 20:44	DWR
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1222953	1	01/16/19 06:02	01/16/19 14:09	KME
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1222953	5	01/16/19 06:02	01/16/19 15:12	KME























### CASE NARRATIVE

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 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 Richards

Dapline R Richards

### WELL HEAD AREA

# SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.



Collected date/time: 01/10/19 13:05

### Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	83.2		1	01/15/2019 14:22	WG1223608



Ss

### Wet Chemistry by Method 9056A

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Chloride	382		12.0	1	01/14/2019 13:31	WG1222712





	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
Benzene	0.122		0.0601	100	01/15/2019 20:44	WG1223441
Toluene	ND		0.601	100	01/15/2019 20:44	WG1223441
Ethylbenzene	0.416		0.0601	100	01/15/2019 20:44	WG1223441
Total Xylene	3.11		0.180	100	01/15/2019 20:44	WG1223441
TPH (GC/FID) Low Fraction	179		12.0	100	01/15/2019 20:44	WG1223441
(S) a,a,a-Trifluorotoluene(FID)	94.2		77.0-120		01/15/2019 20:44	WG1223441
(S) a.a.a-Trifluorotoluene(PID)	103		72.0-128		01/15/2019 20:44	WG1223441







### Semi-Volatile Organic Compounds (GC) by Method 8015

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg		date / time	
C10-C28 Diesel Range	358		24.1	5	01/16/2019 15:12	WG1222953
C28-C40 Oil Range	160		4.81	1	01/16/2019 14:09	WG1222953
(S) o-Terphenyl	115		18.0-148		01/16/2019 15:12	WG1222953
(S) o-Terphenyl	121		18.0-148		01/16/2019 14:09	WG1222953

### QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

L1060392-01

### Method Blank (MB)

(MB) R3376221-1 01/15/19 14:22

Total Solids by Method 2540 G-2011

**MB** Result MB Qualifier MB MDL MB RDL

**Analyte** 

Analyte

Total Solids

%

%

0.000 Total Solids

### L1060386-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1060386-08 01/15/19 14:22 • (DUP) R3376221-3 01/15/19 14:22

**DUP RPD** Original Result DUP Result Dilution DUP RPD **DUP Qualifier** Limits % % % 83.3 83.3 0.0510 10

### Laboratory Control Sample (LCS)

(LCS) R3376221-2 01/15/19 14:22

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













### QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE

L1060392-01

### Method Blank (MB)

Analyte

Chloride

Analyte

Chloride

Analyte

Chloride

Analyte

Chloride

(MB) R3375636-1 01/14/19 12:47

Wet Chemistry by Method 9056A

**MB** Result mq/kq 1.44

**MB** Qualifier MB MDL mg/kg

0.795

MB RDL

mg/kg 10.0

Ss



(OS) L1059362-01 01/14/19 13:13 • (DUP) R3375636-3 01/14/19 13:22

Original Result DUP Result mg/kg mg/kg 82.7 94.6

Dilution DUP RPD 13.5

**DUP RPD DUP Qualifier** Limits

% 15

**DUP RPD** 

Limits

%

15







(OS) L1060433-15 01/15/19 16:26 • (DUP) R3376112-6 01/15/19 16:34

Original Result DUP Result Dilution DUP RPD **DUP Qualifier** mg/kg mg/kg 44.2 41.4 6.56

### Laboratory Control Sample (LCS)

(LCS) R3375636-2 01/14/19 12:56

Spike Amount LCS Result mg/kg mg/kg

196

LCS Rec. 96

98.2

Rec. Limits

**LCS Qualifier** 

80.0-120

### Laboratory Control Sample (LCS)

200

(LCS) R3376112-3 01/15/19 13:22

Spike Amount LCS Result

LCS Rec.

Rec. Limits

LCS Qualifier

Analyte mg/kg % % mg/kg

Chloride 200 208 104 80.0-120

### L1060433-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1060433-08 01/15/19 14:49 • (MS) R3376112-4 01/15/19 14:58 • (MSD) R3376112-7 01/15/19 16:43

Rec. Limits **MSD Qualifier** Spike Amount Original Result MS Result **MSD** Result MS Rec. MSD Rec. Dilution MS Qualifier RPD **RPD Limits** % Analyte mq/kq mg/kg mg/kg mg/kg % % % Chloride 500 ND 535 470 106 93.0 80.0-120 12.9 15

> ACCOUNT: **Enduring Resources**

PROJECT:

SDG: L1060392

DATE/TIME: 01/16/19 20:47

PAGE:

7 of 13

### QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

### Method Blank (MB)

1	0	6	0	3	9	2	-	0	1	

LCS Qualifier

**LCSD Qualifier** 

RPD

0.436

0.136

0.0284 0.0703

%

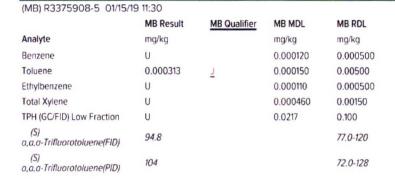
**RPD Limits** 

%

20 20

20

20



(LCS) R3375908-1 01/15/19 09:29 • (LCSD) R3375908-2 01/15/19 09:54

Volatile Organic Compounds (GC) by Method 8015/8021











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

(200) 110010000 1 011101	15 05.25 (2000	1,100,000	2 01/15/15 05.0			
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%
Benzene	0.0500	0.0455	0.0457	91.1	91.5	76.0-121
Toluene	0.0500	0.0452	0.0452	90.5	90.3	80.0-120
Ethylbenzene	0.0500	0.0486	0.0486	97.2	97.2	80.0-124
Total Xylene	0.150	0.142	0.142	94.8	94.7	37.0-160
(S) a.a.a-Trifluorotoluene(FID)				94.0	94.4	77.0-120
(S) a.a.a-Trifluorotoluene(PID)				102	102	72.0-128







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

(LCS) R3375908-3 01/15/19	9 10:18 • (LCSD)	R3375908-4	01/15/19 10:42							
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
TPH (GC/FID) Low Fraction	5.50	5.23	5.27	95.0	95.9	72.0-127			0.875	20
(S) a,a,a-Trifluorotoluene(FID)				107	107	77.0-120				
(S) a.a.a-Trifluorotoluene(PID)				113	114	72.0-128				

### QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Volatile Organic Compounds (GC) by Method 8015/8021

L1060392-01

L1060386-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1060386-05	01/15/19 19:07 •	(MS) R3375908-6	01/15/19 21:08	(MSD) R3375908-7	01/15/19 21:32

(OS) £1060386-05 01/15/1	(O5) E1060386-05 01/15/19 19:07 • (M5) R33/5908-6 01/15/19 21:08 • (M5D) R33/5908-7 01/15/19 21:32													
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits		
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%		
Benzene	0.0500	ND	0.0360	0.0359	71.3	71.0	1	10.0-155			0.465	32		
Toluene	0.0500	ND	0.0335	0.0332	66.2	65.5	1	10.0-160			1.12	34		
Ethylbenzene	0.0500	ND	0.0343	0.0339	68.6	67.9	1	10.0-160			1.11	32		
Total Xylene	0.150	ND	0.0991	0.0999	65.4	65.9	1	10.0-160	<u>J6</u>	<u>J6</u>	0.804	32		
(S) a,a,a-Trifluorotoluene(FID)					91.6	93.8		77.0-120						
(S) a,a,a-Trifluorotoluene(PID)					99.4	101		72.0-128						













(OS) L1060386-05	01/15/19 19:07 • (MS) R3375908-8	01/15/19 21:56 . /MSF	D P3375908-9 01/15/19 22:21
(O3) L1000360-03	01/13/13 13.07 • (IVI3) K33/3300-0	01/13/13 21.30 • (IVI3L	1 K33/3300-3 UI/13/13 ZZ.ZI

(OS) L1060386-05 01/15/19	9 19:07 • (MS) R	3375908-8 01	/15/19 21:56 • (1	MSD) R337590	8-9 01/15/19 2:	2:21						
	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%
TPH (GC/FID) Low Fraction	5.50	ND	3.03	1.45	54.3	25.5	1	10.0-151		<u>J3</u>	70.8	28
(S) a,a,a-Trifluorotoluene(FID)					94.5	92.4		77.0-120				
(S) a,a,a-Trifluorotoluene(PID)					103	103		72.0-128				







### QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

L1060392-01

Method Blank (MB)

(MB) R3376289-1 01/16	/19 10:46			
	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	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	87.8			18.0-148

Semi-Volatile Organic Compounds (GC) by Method 8015











(LCS) R3376289-2 01/16/19	9 10:58 • (LCSE	) R3376289-3	01/16/19 11:11							
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Extractable Petroleum Hydrocarbon	50.0	34.8	35.1	69.6	70.2	50.0-150			0.858	20
C10-C28 Diesel Range	50.0	37.8	38.0	75.6	76.0	50.0-150			0.528	20
(S) o-Terphenyl				74.5	74.5	18.0-148				



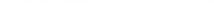








### GLOSSARY OF TERMS



### 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

(S)

Analyte

Dilution

Limits

Qualifier

Result

Uncertainty

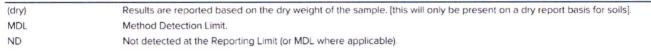
(Radiochemistry)

Sample Chain of

Sample Results (Sr)

Sample Summary (Ss)

Custody (Sc)





RDL Reported Detection Limit. RDL (drv) Reported Detection Limit.



Rec Recovery. RPD Relative Percent Difference. SDG Sample Delivery Group



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



Not detected at the Reporting Limit (or MDL where applicable).



The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported



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.

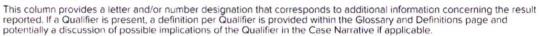


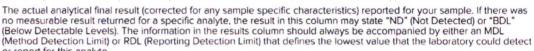
These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or

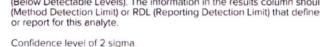
duplicated within these ranges

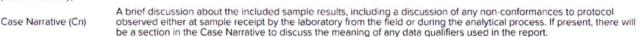












This section of the report includes the results of the laboratory quality control analyses required by procedure or Quality Control analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not Summary (Qc) being performed on your samples typically, but on laboratory generated material

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.

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.

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
J	The identification of the analyte is acceptable; the reported value is an estimate.
<b>13</b>	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

### **ACCREDITATIONS & LOCATIONS**





### 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 <sup>1</sup>	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
lowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky 16	90010	South Carolina	84004
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	Al30792	Tennessee 14	2006
Louisiana <sup>1</sup>	LA180010	Texas	T 104704245-17-14
Maine	TN0002	Texas <sup>5</sup>	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 <sup>5</sup>	1461.02	DOD	1461.01
Canada		1461.01	USDA	P330-15-00234
EPA-Cr	vpto	TN00003		

<sup>&</sup>lt;sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> 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.



ACCOUNT: **Enduring Resources**  PROJECT:

SDG: L1060392

DATE/TIME: 01/16/19 20:47 PAGE: 12 of 13





















					Billing Information:				Α	nalysis /	Containe	r / Preservative	Chain of Custod	Chain of Custody Page of		
Enduring Resources  332 County Road 3100. Za	332 County Road 3100 Zoo Energy Court		The state of the s	IcDaniel nty Road 3100 M 87410 –		Pres Chk				and the				<b>学</b> ]	ESC	
Aztec, NM 87410 Fac	rming tou,	NM						-						L-A-B 5	C. I. E. N. C. E. S	
Report to: Chad Snell Project Description: 20505 Z	Email To:  C. S. ne. \ D. Enduring Resour  City/State  Collected:			<i>-</i> ).(0		0/MRO						12055 Lebanon Rd Mount Judet, TN 3 Phone: 613-738-58 Phone: 600-767-54 Far: 615-758-3859	7122 858 859			
Phone: 505-636-9731 Fax:	Client Project	Ħ		Lab Project #				/ DR							1 L/060392 M097	
Collected by (print): Ched Snell	Site/Facility #E	) #	P.Q. #			Cutto.		Ro/						Acctnum: EN		
Ched Snell Collected by (signature):	Same Da	ab MUST Be y Five I y 5 Day	Day				(8)	5	4					Prelogin:		
Immediately Packed on Ice N Y	Two Day Three Di	10 Da	y (Rad Only)	Date Res	T T	No. of	1208	015	Chico.					TSR: 288 - Dap PB: Shipped Via:	onne Richards	
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	80	80	U					Remarks	Sample # (lab only)	
Well Head area	comp.	SS		1-10-204	1:05 pm	12	/	/	/		NE.				-01	
ALCOHOLOGY OF THE STREET, AND	The last transport and the last transport					_						REP.	Mr. Sala			
													300			
												and the same of				
													0.0	SOREEN: <0.	mB/hr	
											1 6 M		ha	OUTE		
													1800			
* Matrix:  \$\$ - Soil   AIR - Air   F - Filter  \$\$ - Groundwater   B - Bioassay  \$\$ WW - WasteWater	Remarks:			* Justica "								Temp	Sample Receipt Checkist  COC Seal Present/Intect: NP Y N  COC Signed/Accurete: Y N  Sottles arrive intect; Y N  Correct bottles used: Y N  Sufficient volume sent: Y N			
OT - Other	Samples retur	rned via: edExCou	rrier	TI THE	racking #	Fig	410	16 3	740	167			Sufficie	nt volume sent: If Applical Headspace:	ole Jy D	
Relinquished by : (Signature)		Date:  -/0-/		3:10 pm	eceived by: (Signa	ture)				Trip Blan	k Receive	HCL/MeoH		tion Correct/Ch	ecked: Y N	
Relinquished by (5 gnature)	and the second s	Date:	-		eceived by: (Signa	ture)	1	,		Temp:	°C	THE RESERVE OF THE PERSON NAMED IN	If preserva	tion required by Lo	gin: Date/Time	
Relinquished by : (Signature)		Date:		Time: R	eceived for lab by	(Signa	itufe)	1		Date:	19	Time: 0845	Hold:	计算性	NCF / OK	

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