

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: 372286
Contact Name: Chad Snell	Contact Telephone: 505-444-0586
Contact email: csnell@enduringresources.com	Incident # (assigned by OCD): NCS1909448080
Contact mailing address: 200 Energy Court	Farmington, New Mexico 87401

Location of Release Source

*Additional Remediation
of chloride AT P&A*

Latitude 36.2661852 Longitude -107.537118
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: MC 6 Com 160H	Site Type: Wellsite
Date Release Discovered: 3/18/2019	API# (if applicable) 30-039-31312 NMOCD

Unit Letter	Section	Township	Range	County
I	35	24N	7W	Rio Arriba

JUN 14 2019
DISTRICT III

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 10bbls	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls):	Volume Recovered (bbls):
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

On 3/18/2019, a release was discovered at the MC 6 Com 160H. Operator found that there was liquid under the liner and shortly discovered that the oil dump line piping had a leak. The facility was shut in to stop the leak. Equipment was moved and clean-up activities were completed.

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? 	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☐ The source of the release has been stopped.
☐ The impacted area has been secured to protect human health and the environment.
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation 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 containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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: _____
<u>OCD Only</u>
Received by: _____ Date: _____

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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?	<u>142</u> (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.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

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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: _____

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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ 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 ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	
District RP	
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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.

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

- ☒ 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: 

Date: 6-14-2019

email: csnell@enduringresources.com

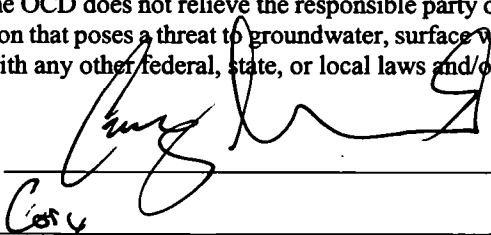
Telephone: (505)444-0586

OCD Only

Received by: 

Date: 6/14/19

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 by: 

Date: 6/27/19

Printed Name: Cory

Title: Environmental Spec.

MC 6 Com 160H Remediation Narrative

3/18/2019

A release had occurred at the MC 6 Com 160H on Monday March 18th 2019. An oil dump line on the separator had failed, causing the release of 10 barrels of oil beneath the liner. Production equipment was shut in to stop the release.

3/27/2019

All equipment was moved and clean-up activities began. A hydro-vac truck sucked up all free standing oil and contaminated soil from the release point. Approximately 80 barrels of contaminate was hauled off.

3/28/2019

Clean up activities continued using an excavator and labor hands to continue removing contaminated soil.

4/3/2019

Clean up activities were finished and confirmation sampling was scheduled with the NMOCD April 5th 2019. See attached "Email Notification". Approximately 130 yards of contaminated soil was removed.

4/5/2019

NMOCD was onsite to witness sampling activities. Nine composite samples were taken from excavated area and sent in for analysis of BTEX, DRO/GRO/ORO, and Chlorides.

4/9/2019

Analytical report was received and returned results were above standards (Chlorides: 20,000 ppm, TPH: 2,500 ppm, DRO+GRO: 1,000ppm BTEX: 50 ppm Benzene: 10ppm). Closure criteria for this site is the least stringent due to ground water being over 100ft from surface,

which was found by a cathodic that was drilled at this site. See attached "*Ground Bed Drilling Log*". Additional cleanup activities were scheduled.

4/15/2019

Additional clean-up activities were completed. Another 170 yards of contaminated soil was removed. Final closure sampling was scheduled for Wednesday June 17th 2019. See attached "Email Notification".

4/17/2019

NMOCD was not onsite to witness sampling activities. 18 composite sample were collected to meet 200 square foot rule. Samples were sent in for analysis of BTEX, GRO/DRO/ORO, and Chlorides.

4/22/2019

Analytical report received and returned results are below closure criteria for this site. No further action is required at this time.

There are areas of the release that did not meet the 600 mg/kg reclamation requirement, however these areas are currently in use for the exploration and production of oil and gas. Once the areas are no longer in use or at final abandon, Enduring Resources will return to the impacted areas and ensure the area is remediated per 19.15.29 NMAC.



Enduring Resources, LLC
Photo Page
MC 6 Com 160
30-039-31312

Photos of Release



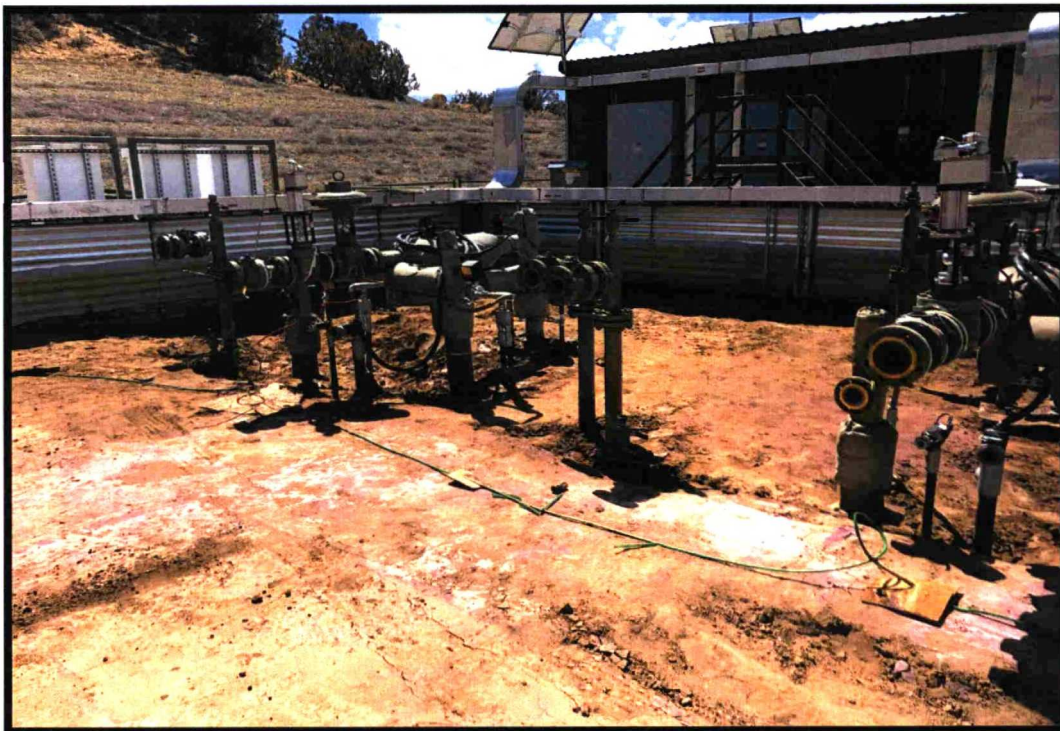


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30-039-31312





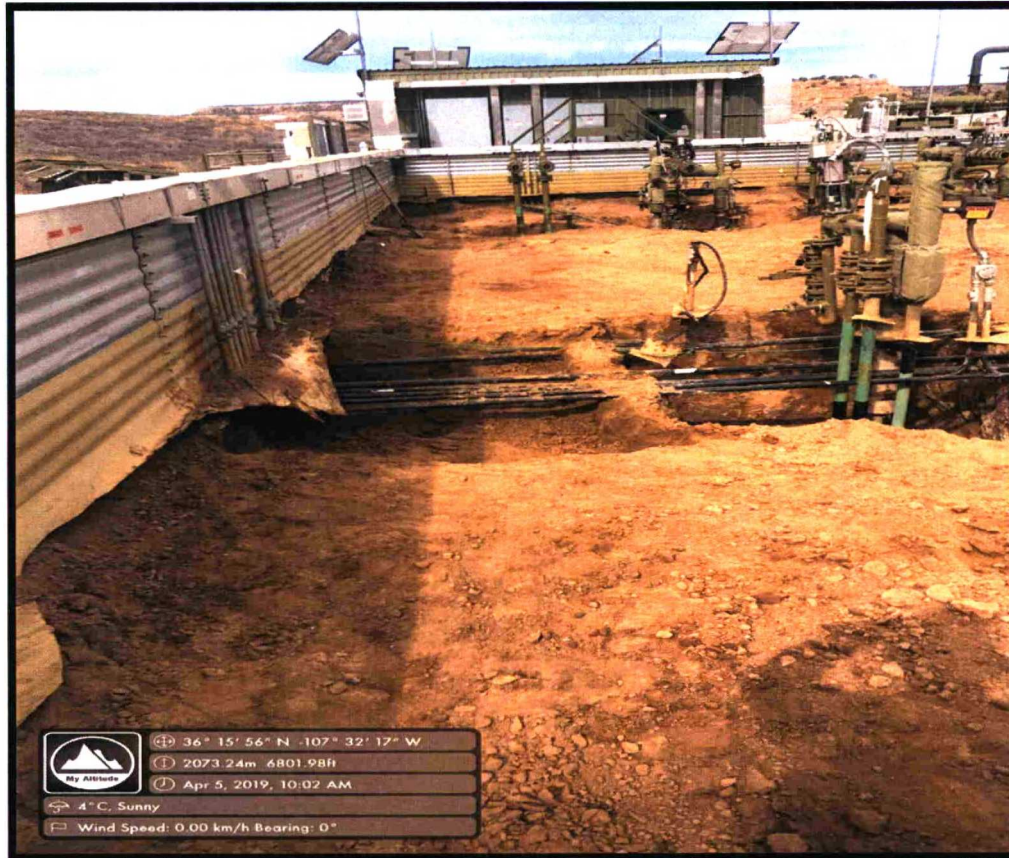
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Photo Page
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Photos After Clean-up and Sampling on 4/5/2019





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Photo Page
MC 6 Com 160
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Photo Page

MC 6 Com 160

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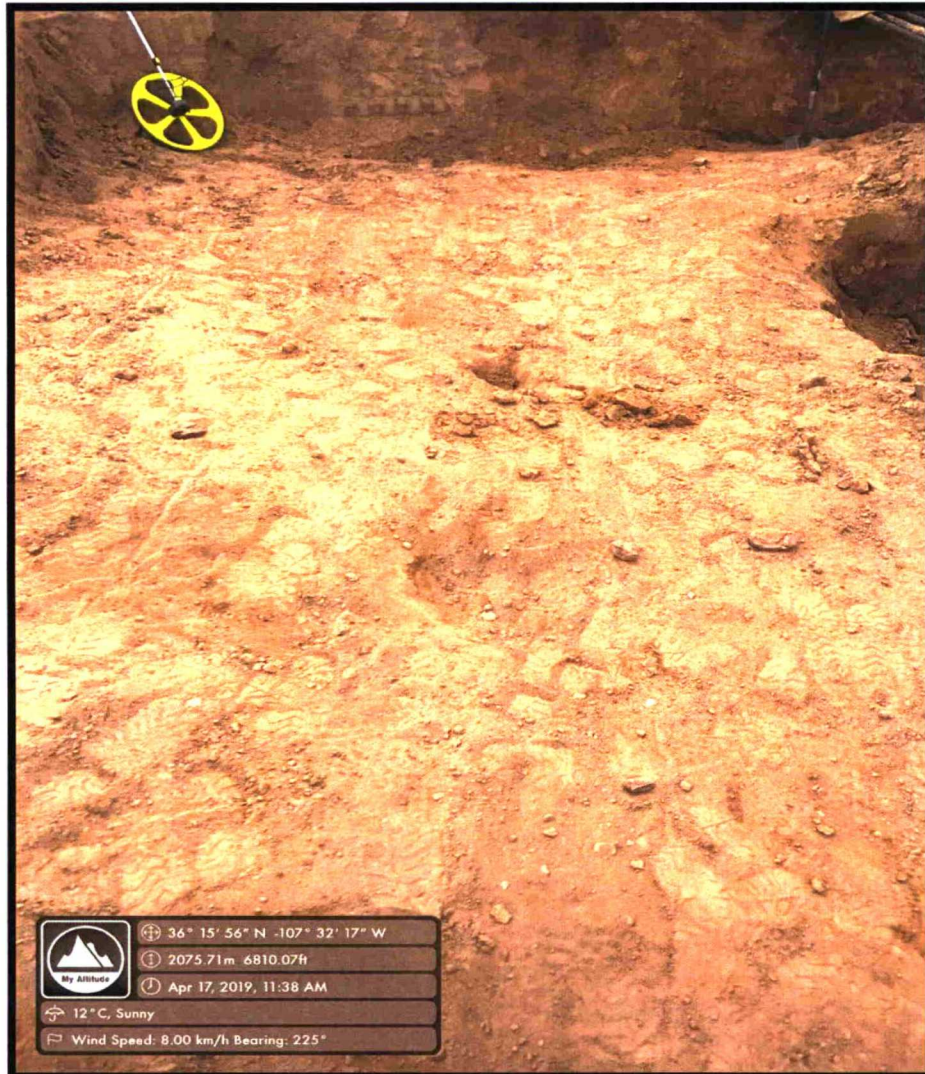
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Photos after Additional Clean-up and Sampling on 4/17/2019





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Photo Page
MC 6 Com 160
30-039-31312





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MC 6 Com 160
30-039-31312





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Photo Page
MC 6 Com 160
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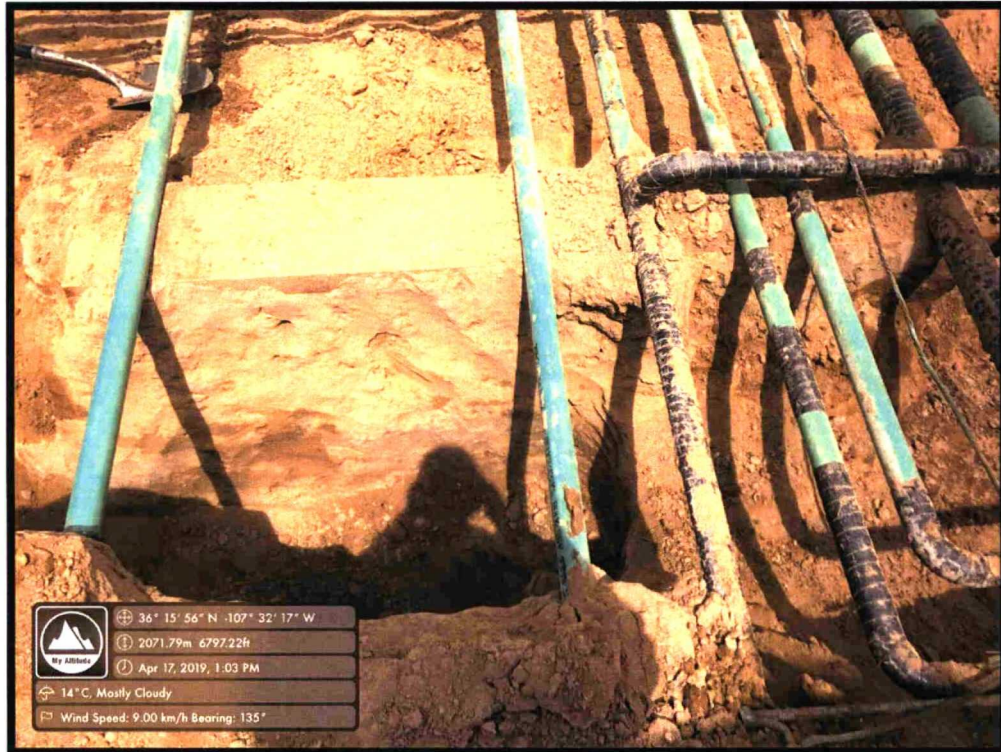
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Photo Page

MC 6 Com 160

30-039-31312

Photo: "Hole 1"





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MC 6 Com 160
30-039-31312



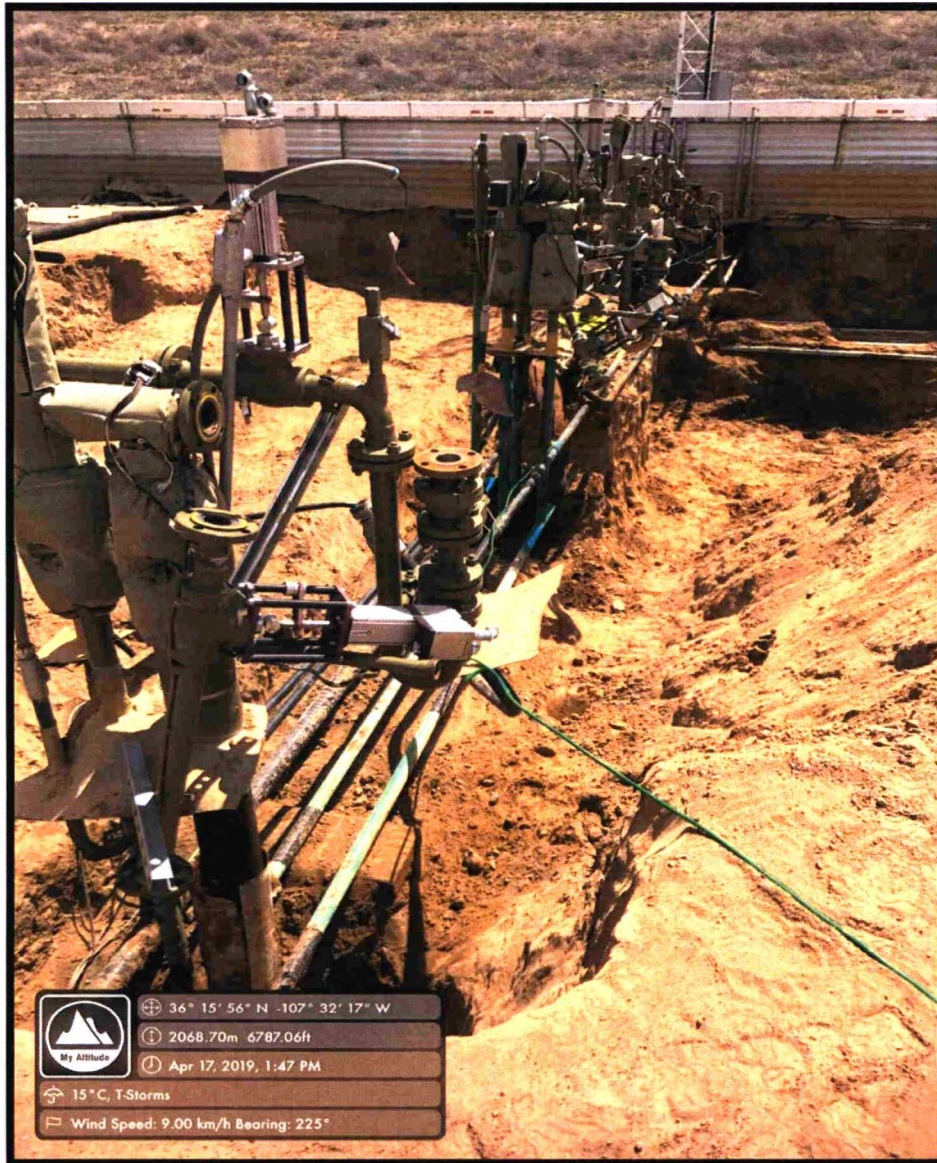


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Photo Page

MC 6 Com 160

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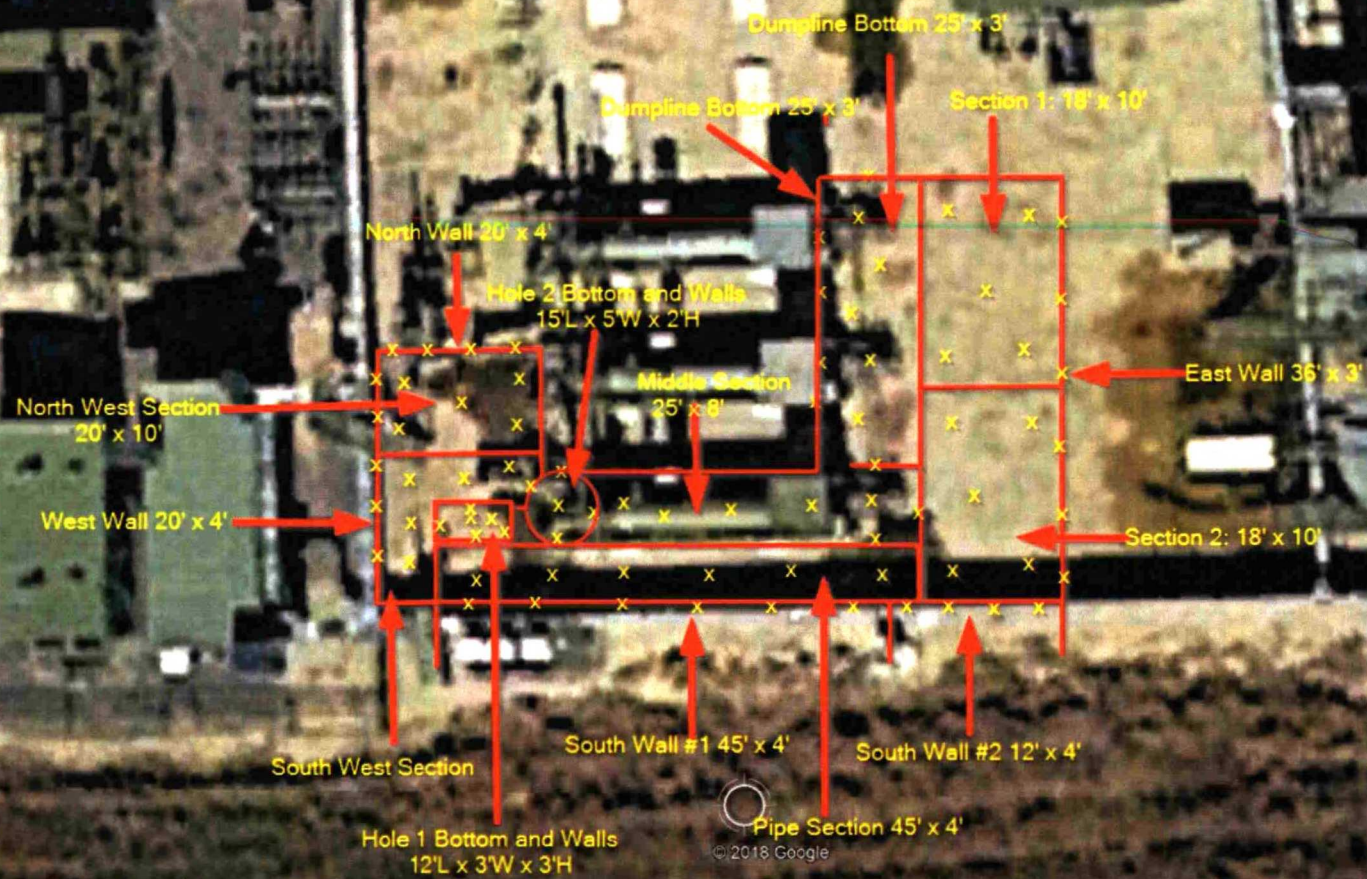


Enduring Resources, LLC
Photo Page
MC 6 Com 160
30-039-31312

Photo: Area Back Filled



Sample Points on 4/17/2018



© 2018 Google

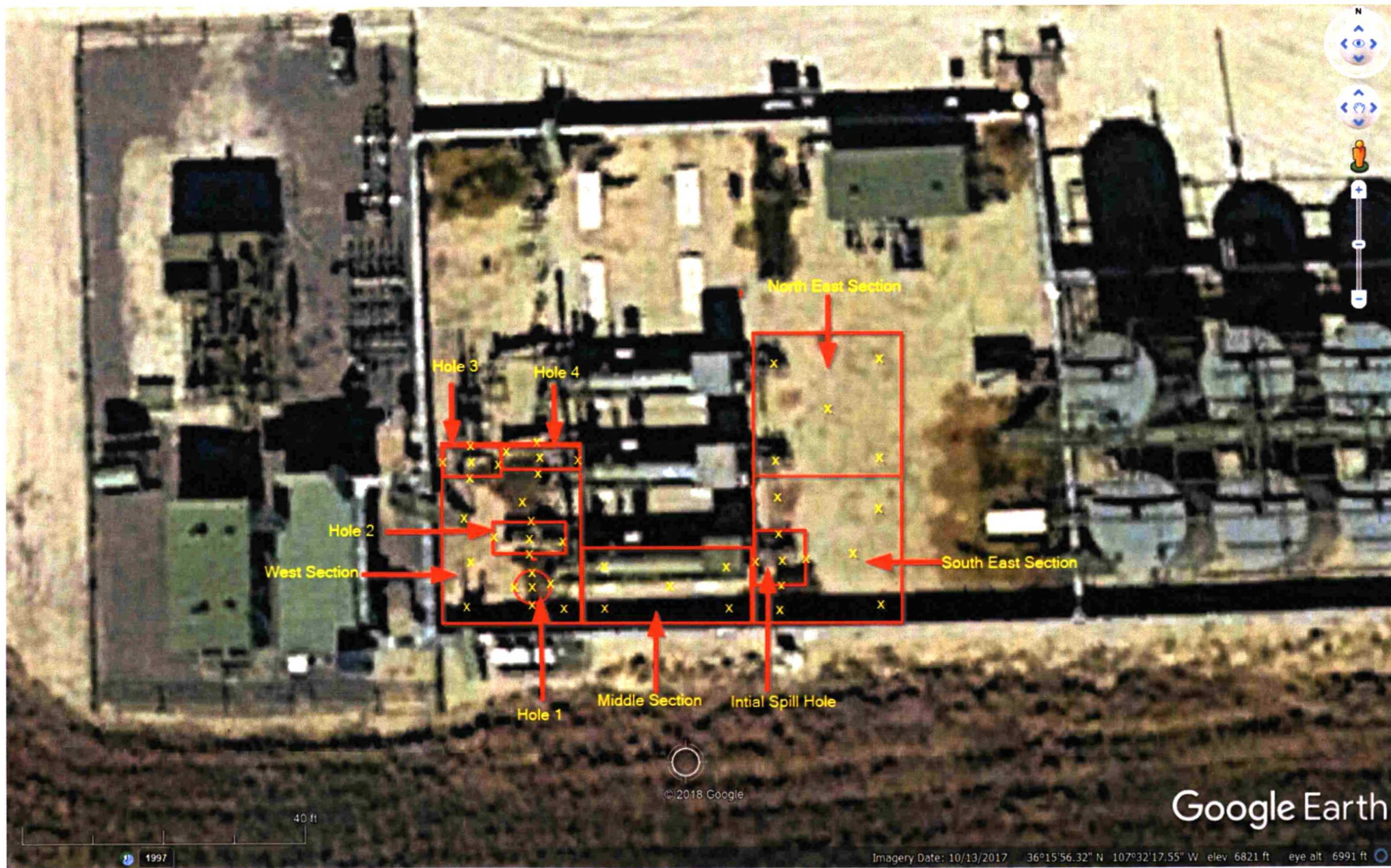
Google Earth

1997

Imagery Date: 10/13/2017 36°15'56.32" N 107°32'17.55" W elev 6821 ft eye alt 6991 ft

MC 6 Com 160H

Sample Name	Description	Date	Time	DRO	GRO	DRO+ GRO	ORO	Total TPH	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	Chlorides	Square Footage
STANDARD	Ground Water >100ft	NA	NA	NA ppm	NA ppm	1000 ppm	NA ppm	2500 ppm	10 ppm	NA ppm	NA ppm	NA ppm	50 ppm	20,000 ppm	200 sq. ft
Section 1	Composite	4/17/2019	11:00 AM	345	<20	365	196	561.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	130	180
Section 2	Composite	4/17/2019	11:05 AM	113	<20	133	74.3	207.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	395	180
East Wall	Composite	4/17/2019	11:10 AM	63.1	<20	83.1	<50	133.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	39.2	108
South Wall 1	Composite	4/17/2019	11:15 AM	625	<20	645	284	929	<0.0250	<0.0250	<0.0250	0.028	<0.1	430	180
South Wall 2	Composite	4/17/2019	11:20 AM	26.8	<20	46.8	<50	96.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	21.6	36
Pipe Section	Composite	4/17/2019	11:25 AM	614	33.5	647.5	270	917	<0.0250	0.096	0.0335	0.698	<0.1	1700	180
SouthWest Section	Composite	4/17/2019	11:30 AM	29.5	<20	49.5	<50	99.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	<20	120
NorthWest Section	Composite	4/17/2019	11:40 AM	219	<20	239	186	425	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	<20	200
West Wall	Composite	4/17/2019	11:45 AM	<20	<25	<45	<50	<95	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	<20	80
North Wall	Composite	4/17/2019	11:50 AM	<20	<25	<45	<50	<95	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	<20	80
Hole 1 Walls	Composite	4/17/2019	11:55 AM	<20	<25	<45	<50	<95	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	<20	108
Hole 1 Bottom	Composite	4/17/2019	12:00 PM	582	26.5	608.5	213	821.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	<20	36
Hole 2 Walls	Composite	4/17/2019	12:05 PM	119	<20	139	73.8	212.8	<0.0250	<0.00533	<0.000533	0.0019	<0.1	<20	150
Hole 2 Bottom	Composite	4/17/2019	12:10 PM	163	<20	183	83.7	266.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	<20	75
DumpLine Bottom	Composite	4/17/2019	12:15 PM	226	<20	246	99.8	345.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	212	75
DumpLine Walls	Composite	4/17/2019	12:20 PM	<25	<20	<45	<50	<95	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	1100	112
Middle Section	Composite	4/17/2019	12:25 PM	150	<20	170	82	252	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	208	200
Initial Spill Walls	Composite	4/17/2019	12:30 PM	37	<20	57	<50	107	<0.0250	<0.0250	<0.0250	<0.0250	<0.1	1630	100



Chad Snell

From: Chad Snell
Sent: Monday, April 15, 2019 9:12 AM
To: Powell, Brandon, EMNRD; 'Smith, Cory, EMNRD'
Cc: James McDaniel
Subject: FW: MC 6 Com 160H

Brandon,
Please see email below regarding confirmation sampling that is scheduled for Wednesday April 17th, 2019.
Thank You.

From: Chad Snell
Sent: Monday, April 15, 2019 9:02 AM
To: 'Smith, Cory, EMNRD' <Cory.Smith@state.nm.us>
Cc: James McDaniel <JMcDaniel@enduringresources.com>
Subject: RE: MC 6 Com 160H

Cory,
Enduring will be performing confirmation sampling at the MC 6 Com 160H on Wednesday April, 17th 2019 starting at 10:00am. We will be resampling due to elevated results, further excavation has already taken place. Please feel free to contact us with any questions.

Thank you.

From: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>
Sent: Thursday, April 04, 2019 1:27 PM
To: Chad Snell <CSnell@enduringresources.com>
Cc: James McDaniel <JMcDaniel@enduringresources.com>
Subject: RE: MC 6 Com 160H

Chad,

OCD has approved the Initial C-141 and have assigned the below highlighted incident#.

NCS1909448080 MC 6 COM #160H @ 30-039-31312

General Incident Information

Site Name: MC 6 COM #160H
Well: [30-039-31312] MC 6 COM #160H
Facility:
Operator: [372286] ENDURING RESOURCES, LLC
Status: Closure Not Approved
Type: Oil Release
District: Aztec

Incident Location: I-35-24N-07W Lot: 0 FNL 0 FEL
Lat/Long: 36.2661852, -107.537118 NAD83

I will be onsite tomorrow for sampling I don't think I can get down there at 8AM more like 8:30 AM.

Thanks,

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

From: Chad Snell <CSnell@enduringresources.com>
Sent: Wednesday, April 3, 2019 6:57 AM
To: Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Fields, Vanessa, EMNRD <Vanessa.Fields@state.nm.us>
Cc: James McDaniel <JMcDaniel@enduringresources.com>
Subject: [EXT] MC 6 Com 160H

Good Morning,

Enduring Resources is going to be postponing confirmation sampling at the MC 6 Com 160H (API: 30-039-31312, Sec: 35, Twn: 24N, Rge: 7W), which was scheduled for today, to Friday April 5th 2019 at 8:00 am. Please let us know if you have any questions.

Thanks you.

Chad Snell
HSE Tech
Enduring Resources
(505) 444-0586.

Ground Bed Drilling Log

Company: WPX Energy Well: Chaco #159H #160H #190H Date: 9-11-2015
 Location: Sec 35 T4N R7W State: New Mexico Rig: String #1
 Ground Bed Depth: 360' Water Depth: 142' Diameter: 10"
 Fuel: 98 gal Latitude: _____ Longitude: _____

DEPTH	FORMATION	OTHER
<u>0-40</u>	Sand Stone, Shale, Sand w/ Shale w/ Sand	<u>PVC</u>
<u>40-110</u>	<u>Sand Stone</u> Shale, Sand w/ Shale w/ Sand	
<u>110-200</u>	Sand Stone, Shale, <u>Sand w/ Shale w/ Sand</u>	
<u>200-260</u>	Sand Stone, <u>Shale</u> , Sand w/ Shale w/ Sand	
<u>260-360</u>	Sand Stone, Shale, <u>Sand w/ Shale w/ Sand</u>	
_____	Sand Stone, Shale, Sand w/ Shale w/ Sand	
_____	Sand Stone, Shale, Sand w/ Shale w/ Sand	
_____	Sand Stone, Shale, Sand w/ Shale w/ Sand	
_____	Sand Stone, Shale, Sand w/ Shale w/ Sand	
_____	Sand Stone, Shale, Sand w/ Shale w/ Sand	
_____	Sand Stone, Shale, Sand w/ Shale w/ Sand	
_____	Sand Stone, Shale, Sand w/ Shale w/ Sand	

GROUNDWATER DEPTH LOG			
Company: <u>WPX Energy</u>		Location: <u>Chaco #159H #160H #190H</u>	
Probe type: <u>Powerwell</u>		<u>Sounder</u>	
Date	Time	Depth	Comments
<u>9-11-15</u>	<u>7:30am</u>	<u>40'</u>	<u>Drilled 40'</u>
	<u>8:30am</u>	<u>40'</u>	<u>test: No water</u>
	<u>9:00</u>	<u>160'</u>	<u>Drilled 160' - set PVC</u>
	<u>10:00</u>	<u>160'</u>	<u>test: No water</u>
	<u>11:15</u>	<u>115'</u>	<u>Drilled 115'</u>
	<u>12:15</u>	<u>115'</u>	<u>test: no water</u>
	<u>4:30</u>	<u>360'</u>	<u>test water @ 142'</u>
<u>9-14-15</u>	<u>9:15</u>	<u>142'</u>	<u>test water @ 142'</u>
	<u>11:45</u>		<u>Finished anode bed.</u>



MC 6 COM 918H
MC 6 COM 160H

Cathodic Well - Water @ 142'
Cathodic Well - Water @ 142'

Google Earth

© 2018 Google

1997

National Flood Hazard Layer FIRMette



36°16'12.77"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone D
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent 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 6/10/2019 at 3:13:05 PM 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.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

36°15'43.76"N

107°31'54.97"W

USGS The National Map: Orthoimagery. Data refreshed April, 2019.



Coal Mine Resources in New Mexico

NM Mining and Minerals Division

[EMNRD Home](#) [Help](#) [Other MMD GIS & Maps](#)



36.26618521 -107.5371179 X Q

Show search results for 36.2661852...

Legend

Coal Mines



Coal Permit Boundaries (2015)



Active Mining

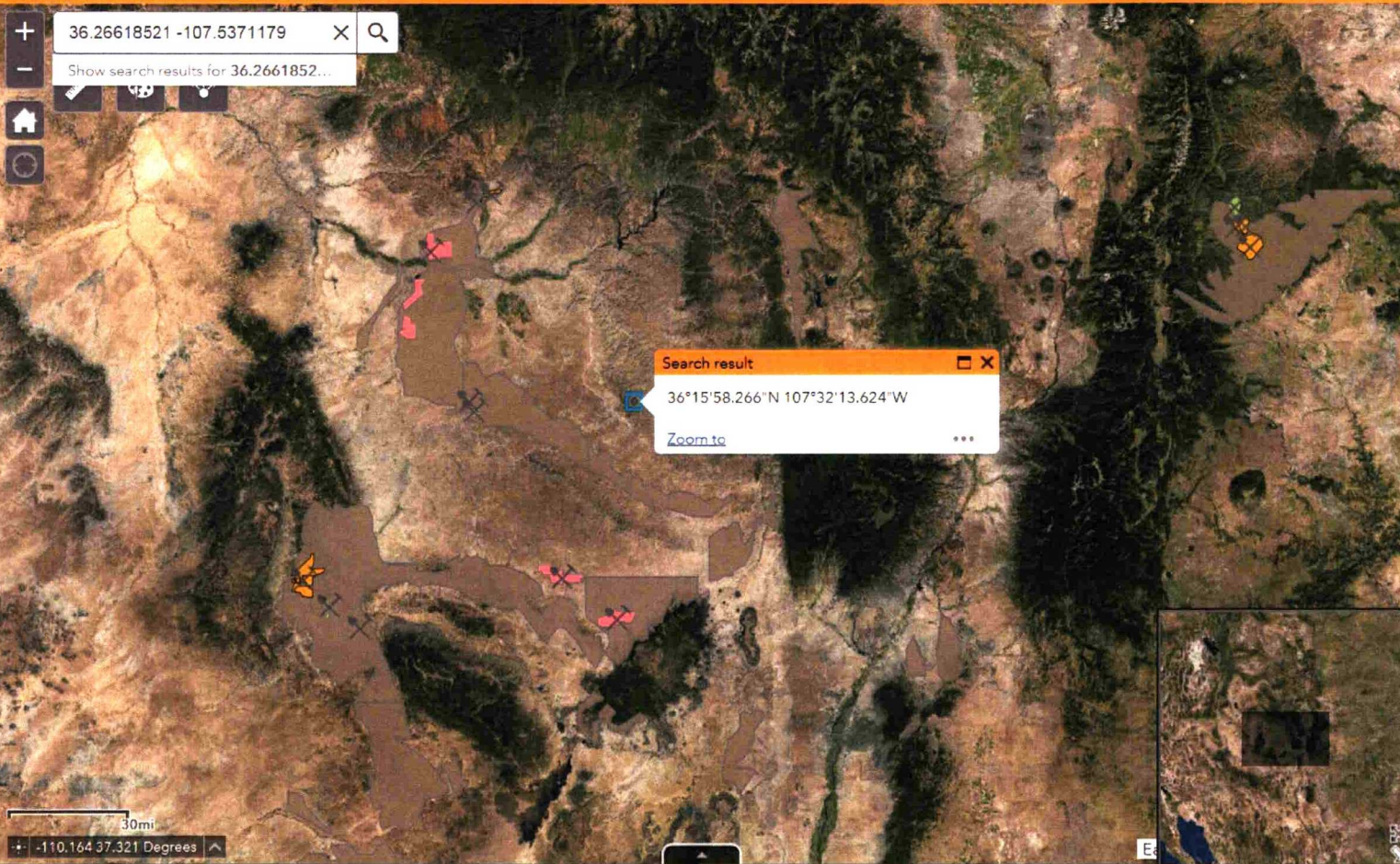


Reclamation Only



Bond Released

NM Coal Districts



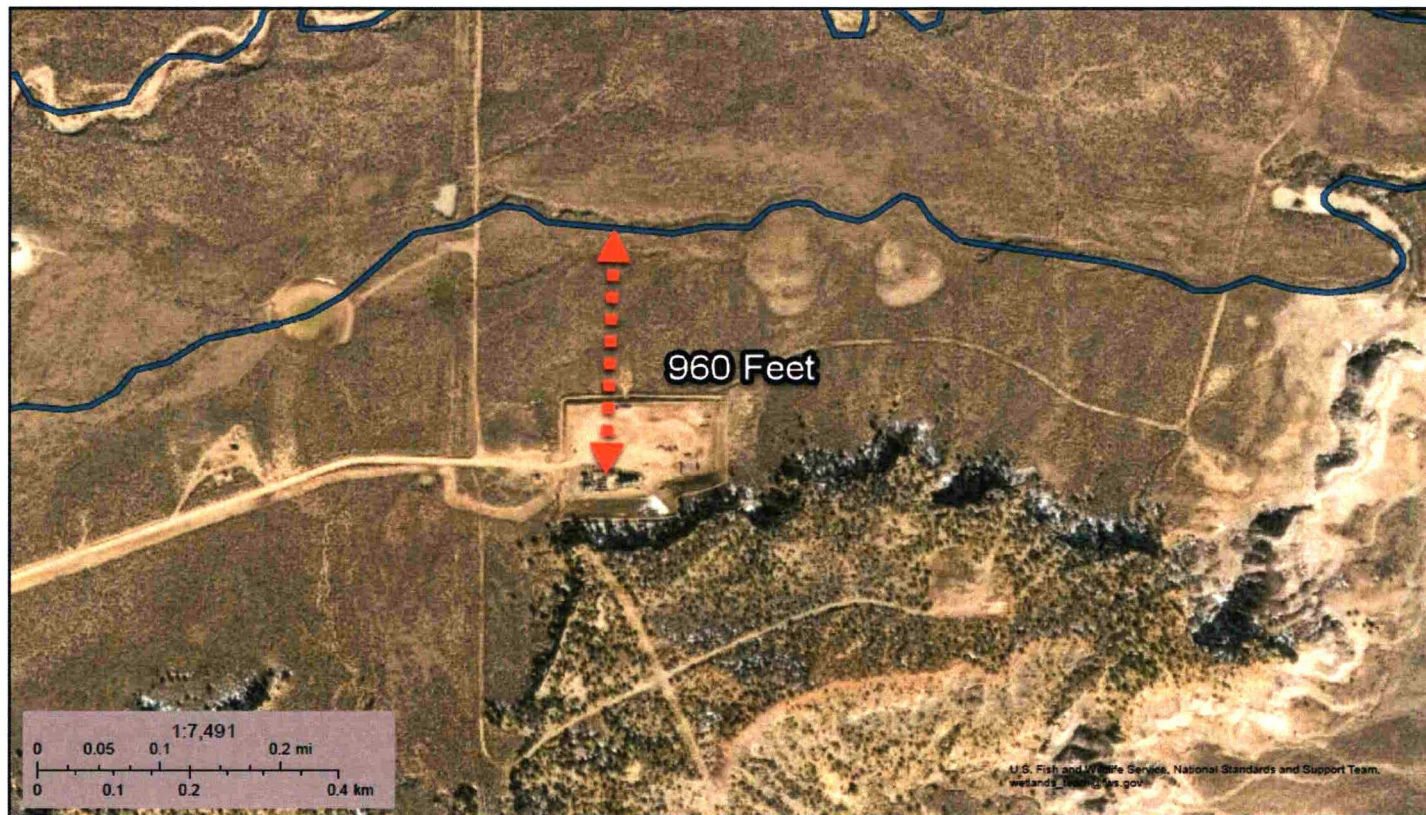
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U.S. Fish and Wildlife Service
National Wetlands Inventory

MC 6 COM 160H Wetland Map



March 26, 2019

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Analytical Report

Report Summary

Client: Enduring Resources, LLC

Samples Received: 4/5/2019

Job Number: 17065-0017

Work Order: P904021

Project Name/Location: MC6 Com 160H

Report Reviewed By:



Date: 4/9/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.
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Envirotech, Inc. currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
North East Section	P904021-01A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.
South East Section	P904021-02A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.
Initial Spill Hole	P904021-03A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.
Middle Section	P904021-04A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.
West Surface	P904021-05A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.
Hole 1	P904021-06A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.
Hole 2	P904021-07A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.
Hole 3	P904021-08A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.
Hole 4	P904021-09A	Soil	04/05/19	04/05/19	Glass Jar, 4 oz.

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

**North East Section
P904021-01 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	1.16	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Toluene	16.3	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
Ethylbenzene	6.58	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
p,m-Xylene	27.4	0.500	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
o-Xylene	12.2	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
Total Xylenes	39.6	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.9 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Toluene-d8		97.9 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Bromofluorobenzene		85.8 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	608	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D	
Diesel Range Organics (C10-C28)	6850	125	mg/kg	5	1914026	04/05/19	04/08/19	EPA 8015D	
Oil Range Organics (C28-C40)	1500	250	mg/kg	5	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: n-Nonane		319 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D	Surr2
Surrogate: 1,2-Dichloroethane-d4		97.9 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Toluene-d8		97.9 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Bromofluorobenzene		85.8 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	632	20.0	mg/kg	1	1914028	04/05/19	04/05/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

**South East Section
P904021-02 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	1.35	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Toluene	16.1	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
Ethylbenzene	6.02	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
p,m-Xylene	24.8	0.500	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
o-Xylene	9.34	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Total Xylenes	34.1	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Toluene-d8		101 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Bromofluorobenzene		88.0 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	586	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D	
Diesel Range Organics (C10-C28)	2060	25.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Oil Range Organics (C28-C40)	414	50.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: n-Nonane		196 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Toluene-d8		101 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Bromofluorobenzene		88.0 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	814	20.0	mg/kg	1	1914028	04/05/19	04/06/19	EPA 300.0/9056A	

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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

 Reported:
 04/09/19 16:27

**Initial Spill Hole
 P904021-03 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	1.15	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Toluene	9.45	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Ethylbenzene	3.72	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
p,m-Xylene	14.5	0.0500	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
o-Xylene	6.44	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Total Xylenes	20.9	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Toluene-d8		103 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Bromofluorobenzene		90.5 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	414	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D	
Diesel Range Organics (C10-C28)	3270	25.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Oil Range Organics (C28-C40)	682	50.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: n-Nonane		250 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D	Surr2
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Toluene-d8		103 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Bromofluorobenzene		90.5 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	1040	20.0	mg/kg	1	1914028	04/05/19	04/06/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Middle Section
P904021-04 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	0.767	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Toluene	8.81	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Ethylbenzene	3.68	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
p,m-Xylene	14.1	0.0500	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
o-Xylene	5.76	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Total Xylenes	19.9	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Toluene-d8		103 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Bromofluorobenzene		88.8 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	434	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D	
Diesel Range Organics (C10-C28)	4040	25.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Oil Range Organics (C28-C40)	680	50.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: n-Nonane		280 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D	Surr2
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Toluene-d8		103 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Bromofluorobenzene		88.8 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	121	20.0	mg/kg	1	1914028	04/05/19	04/06/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

West Surface
P904021-05 (Solid)

Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
Volatile Organic Compounds by 8260								
Benzene	4.84	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B
Toluene	27.1	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B
Ethylbenzene	7.74	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B
p,m-Xylene	30.0	0.500	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B
o-Xylene	11.6	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B
Total Xylenes	41.6	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B
Surrogate: Toluene-d8		96.3 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B
Surrogate: Bromofluorobenzene		77.6 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B
Nonhalogenated Organics by 8015								
Gasoline Range Organics (C6-C10)	751	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D
Diesel Range Organics (C10-C28)	5990	50.0	mg/kg	2	1914026	04/05/19	04/08/19	EPA 8015D
Oil Range Organics (C28-C40)	605	100	mg/kg	2	1914026	04/05/19	04/08/19	EPA 8015D
Surrogate: n-Nonane		393 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D Surr2
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D
Surrogate: Toluene-d8		96.3 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D
Surrogate: Bromofluorobenzene		77.6 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D
Anions by 300.0/9056A								
Chloride	ND	20.0	mg/kg	1	1914028	04/05/19	04/06/19	EPA 300.0/9056A

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Corn 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Hole 1
P904021-06 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	0.288	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Toluene	6.39	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Ethylbenzene	3.38	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
p,m-Xylene	13.4	0.0500	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
o-Xylene	5.64	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Total Xylenes	19.1	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	

Surrogate: 1,2-Dichloroethane-d4		98.8 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Toluene-d8		107 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Bromofluorobenzene		90.5 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	327	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D	
Diesel Range Organics (C10-C28)	4910	25.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	

Surrogate: n-Nonane		315 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D	Surr2
Surrogate: 1,2-Dichloroethane-d4		98.8 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Toluene-d8		107 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Bromofluorobenzene		90.5 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	754	20.0	mg/kg	1	1914028	04/05/19	04/06/19	EPA 300.0/9056A	
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Hole 2
P904021-07 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatle Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Toluene	0.470	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Ethylbenzene	0.304	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
p,m-Xylene	1.26	0.0500	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
o-Xylene	0.565	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Total Xylenes	1.82	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.3 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Toluene-d8		103 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.6 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	53.7	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D	
Diesel Range Organics (C10-C28)	1890	25.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Oil Range Organics (C28-C40)	456	50.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: n-Nonane		177 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.3 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Toluene-d8		103 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.6 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	36.5	20.0	mg/kg	1	1914028	04/05/19	04/06/19	EPA 300.0/9056A	
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Hole 3
P904021-08 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	5.10	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Toluene	29.8	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
Ethylbenzene	8.72	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
p,m-Xylene	33.0	0.500	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
o-Xylene	12.8	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
Total Xylenes	45.8	0.250	mg/kg	10	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.6 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Toluene-d8		97.5 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Bromofluorobenzene		113 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	839	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D	
Diesel Range Organics (C10-C28)	7390	125	mg/kg	5	1914026	04/05/19	04/08/19	EPA 8015D	
Oil Range Organics (C28-C40)	468	250	mg/kg	5	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: n-Nonane		458 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D	Surr2
Surrogate: 1,2-Dichloroethane-d4		98.6 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Toluene-d8		97.5 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Bromofluorobenzene		113 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1914028	04/05/19	04/06/19	EPA 300.0/9056A	

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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

Reported:
 04/09/19 16:27

Hole 4
P904021-09 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	0.176	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Toluene	1.96	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Ethylbenzene	1.11	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
p,m-Xylene	4.44	0.0500	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
o-Xylene	1.85	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Total Xylenes	6.29	0.0250	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Toluene-d8		106 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	
Surrogate: Bromofluorobenzene		93.4 %		70-130	1914025	04/05/19	04/08/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	162	20.0	mg/kg	1	1914025	04/05/19	04/08/19	EPA 8015D	
Diesel Range Organics (C10-C28)	2850	25.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Oil Range Organics (C28-C40)	437	50.0	mg/kg	1	1914026	04/05/19	04/08/19	EPA 8015D	
Surrogate: n-Nonane		248 %		50-200	1914026	04/05/19	04/08/19	EPA 8015D	Surr2
Surrogate: 1,2-Dichloroethane-d4		102 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Toluene-d8		106 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	
Surrogate: Bromofluorobenzene		93.4 %		70-130	1914025	04/05/19	04/08/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1914028	04/05/19	04/06/19	EPA 300.0/9056A	
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1914025 - Purge and Trap EPA 5030A

Blank (1914025-BLK1)

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 1,2-Dichloroethane-d4	0.484		"	0.500		96.7	70-130			
Surrogate: Toluene-d8	0.496		"	0.500		99.1	70-130			
Surrogate: Bromofluorobenzene	0.480		"	0.500		96.0	70-130			

LCS (1914025-BS1)

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Benzene	2.43	0.0250	mg/kg	2.50		97.2	70-130			
Toluene	2.41	0.0250	"	2.50		96.4	70-130			
Ethylbenzene	2.38	0.0250	"	2.50		95.2	70-130			
p,m-Xylene	4.67	0.0500	"	5.00		93.3	70-130			
o-Xylene	2.30	0.0250	"	2.50		92.2	70-130			
Total Xylenes	6.97	0.0250	"	7.50		92.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		"	0.500		96.8	70-130			
Surrogate: Toluene-d8	0.503		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.494		"	0.500		98.8	70-130			

Matrix Spike (1914025-MS1)

Source: P904017-01

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Benzene	2.41	0.0250	mg/kg	2.50	ND	96.3	48-131			
Toluene	2.32	0.0250	"	2.50	ND	92.7	48-130			
Ethylbenzene	2.30	0.0250	"	2.50	ND	92.0	45-135			
p,m-Xylene	4.50	0.0500	"	5.00	ND	90.0	43-135			
o-Xylene	2.24	0.0250	"	2.50	ND	89.5	43-135			
Total Xylenes	6.74	0.0250	"	7.50	ND	89.9	43-135			
Surrogate: 1,2-Dichloroethane-d4	0.487		"	0.500		97.4	70-130			
Surrogate: Toluene-d8	0.489		"	0.500		97.8	70-130			
Surrogate: Bromofluorobenzene	0.488		"	0.500		97.5	70-130			

Matrix Spike Dup (1914025-MSD1)

Source: P904017-01

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Benzene	2.51	0.0250	mg/kg	2.50	ND	100	48-131	4.01	23	
Toluene	2.46	0.0250	"	2.50	ND	98.3	48-130	5.93	24	
Ethylbenzene	2.45	0.0250	"	2.50	ND	98.1	45-135	6.33	27	
p,m-Xylene	4.78	0.0500	"	5.00	ND	95.6	43-135	5.96	27	
o-Xylene	2.39	0.0250	"	2.50	ND	95.7	43-135	6.72	27	
Total Xylenes	7.17	0.0250	"	7.50	ND	95.6	43-135	6.21	27	
Surrogate: 1,2-Dichloroethane-d4	0.507		"	0.500		101	70-130			
Surrogate: Toluene-d8	0.504		"	0.500		101	70-130			

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1914025 - Purge and Trap EPA 5030A

Matrix Spike Dup (1914025-MSD1)

Source: P904017-01

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Surrogate: Bromofluorobenzene	0.511	mg/kg	0.500	102	70-130
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1914025 - Purge and Trap EPA 5030A

Blank (1914025-BLK1)

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.484		"	0.500		96.7	70-130			
Surrogate: Toluene-d8	0.496		"	0.500		99.1	70-130			
Surrogate: Bromofluorobenzene	0.480		"	0.500		96.0	70-130			

LCS (1914025-BS2)

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Gasoline Range Organics (C6-C10)	47.1	20.0	mg/kg	50.0		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		"	0.500		97.1	70-130			
Surrogate: Toluene-d8	0.501		"	0.500		100	70-130			
Surrogate: Bromofluorobenzene	0.496		"	0.500		99.1	70-130			

Matrix Spike (1914025-MS2)

Source: P904017-01

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Gasoline Range Organics (C6-C10)	52.7	20.0	mg/kg	50.0	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		"	0.500		96.8	70-130			
Surrogate: Toluene-d8	0.495		"	0.500		99.0	70-130			
Surrogate: Bromofluorobenzene	0.500		"	0.500		99.9	70-130			

Matrix Spike Dup (1914025-MSD2)

Source: P904017-01

Prepared: 04/05/19 | Analyzed: 04/07/19 |

Gasoline Range Organics (C6-C10)	50.5	20.0	mg/kg	50.0	ND	101	70-130	4.39	20	
Surrogate: 1,2-Dichloroethane-d4	0.475		"	0.500		94.9	70-130			
Surrogate: Toluene-d8	0.498		"	0.500		99.5	70-130			
Surrogate: Bromofluorobenzene	0.496		"	0.500		99.1	70-130			

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1914026 - DRO Extraction EPA 3570

Blank (1914026-BLK1)

Prepared & Analyzed: 04/05/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	55.5		"	50.0		111	50-200			

LCS (1914026-BS1)

Prepared & Analyzed: 04/05/19 1

Diesel Range Organics (C10-C28)	505	25.0	mg/kg	500		101	38-132			
Surrogate: n-Nonane	47.7		"	50.0		95.5	50-200			

Matrix Spike (1914026-MS1)

Source: P904017-01

Prepared: 04/05/19 1 Analyzed: 04/05/19 2

Diesel Range Organics (C10-C28)	882	25.0	mg/kg	500	392	98.0	38-132			
Surrogate: n-Nonane	49.0		"	50.0		97.9	50-200			

Matrix Spike Dup (1914026-MSD1)

Source: P904017-01

Prepared: 04/05/19 1 Analyzed: 04/05/19 2

Diesel Range Organics (C10-C28)	899	25.0	mg/kg	500	392	101	38-132	1.93	20	
Surrogate: n-Nonane	48.9		"	50.0		97.9	50-200			

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1914028 - Anion Extraction EPA 300.0/9056A

Blank (1914028-BLK1)

Prepared & Analyzed: 04/05/19 1

Chloride ND 20.0 mg/kg

LCS (1914028-BS1)

Prepared & Analyzed: 04/05/19 1

Chloride 254 20.0 mg/kg 250 102 90-110

Matrix Spike (1914028-MS1)

Source: P904017-02

Prepared: 04/05/19 1 Analyzed: 04/05/19 2

Chloride 261 20.0 mg/kg 250 ND 104 80-120

Matrix Spike Dup (1914028-MSD1)

Source: P904017-02

Prepared: 04/05/19 1 Analyzed: 04/05/19 2

Chloride 267 20.0 mg/kg 250 ND 107 80-120 2.42 20

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/09/19 16:27

Notes and Definitions

Surr2 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

** Methods marked with ** are non-accredited methods.

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Client: Enduring Resources LLC
Project: McG Com 160ft
Project Manager: Chad Srell
Address: 700 Energy Court
City, State, Zip: Flemington, NM 87701
Phone: 505 244-0586
Email: CSrell@enduringresources.com

Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____	
---	--

Lab Use Only						TAT		EPA Program				
Lab WO#		Job Number				1D	3D	RCRA	CWA	SDWA		
P904021		17065-0017				X						
Analysis and Method								State				
8010 by 8015	8010 by 8015	8021	80260	8010	300.0	1			NM	CO	UT	AZ

[illegible]

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: AB-S 4-5-19

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) 	Date 4-5-19	Time 12:17pm	Received by: (Signature) 	Date 4-5-19	Time 12:17pm	Lab Use Only Received on ice: ☒ Y / N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 _____ T2 _____ T3 _____ AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Analytical Report

Report Summary

Client: Enduring Resources, LLC

Samples Received: 4/18/2019

Job Number: 17065-0017

Work Order: P904101

Project Name/Location: MC6 Com 160H

Report Reviewed By:



Date: 4/22/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.
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Envirotech, Inc. currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.



Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Section 1	P904101-01A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Section 2	P904101-02A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
East Wall	P904101-03A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
South Wall #1	P904101-04A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
South Wall #2	P904101-05A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Pipe Section	P904101-06A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
South West Section	P904101-07A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
North West Section	P904101-08A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
West Wall	P904101-09A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
North Wall	P904101-10A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Hole 1 Walls	P904101-11A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Hole 1 Bottom	P904101-12A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Hole 2 Walls	P904101-13A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Hole 2 Bottom	P904101-14A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Dump Line Bottom	P904101-15A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Dump Line Walls	P904101-16A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Middle Section	P904101-17A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.
Initial Spill Walls	P904101-18A	Soil	04/17/19	04/18/19	Glass Jar, 4 oz.

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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

 Reported:
 04/22/19 14:54

Section I
P904101-01 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		100 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		100 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	345	25.0	mg/kg	1	1916032	04/18/19	04/18/19	EPA 8015D	
Oil Range Organics (C28-C40)	196	50.0	mg/kg	1	1916032	04/18/19	04/18/19	EPA 8015D	
Surrogate: n-Nonane		119 %		50-200	1916032	04/18/19	04/18/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		96.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		100 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		100 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	130	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Section 2
P904101-02 (Solid)

Analyte	Result	Reporting			Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units							
Volatile Organic Compounds by 8260										
Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.9 %		70-130	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		98.6 %		70-130	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		101 %		70-130	1916028	04/18/19	04/18/19	04/18/19	EPA 8260B	
Nonhalogenated Organics by 8015										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	113	25.0	mg/kg	1	1916032	04/18/19	04/19/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	74.3	50.0	mg/kg	1	1916032	04/18/19	04/19/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		97.2 %		50-200	1916032	04/18/19	04/19/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		96.9 %		70-130	1916028	04/18/19	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		98.6 %		70-130	1916028	04/18/19	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		101 %		70-130	1916028	04/18/19	04/18/19	04/18/19	EPA 8015D	
Anions by 300.0/9056A										
Chloride	395	20.0	mg/kg	1	1916026	04/18/19	04/18/19	04/18/19	EPA 300.0/9056A	

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Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: MC6 Com 16011 Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 04/22/19 14:54
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**East Wall
P904101-03 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		99.6 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.4 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	63.1	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		98.6 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		99.6 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.4 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	39.2	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

**South Wall #1
P904101-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	0.0280	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	0.0280	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		99.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		94.6 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	625	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	284	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		121 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		99.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		94.6 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	430	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

South Wall #2
P904101-05 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		98.2 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.4 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	26.8	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		99.1 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		98.2 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.4 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	21.6	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Pipe Section
P904101-06 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	0.0960	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	0.0335	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	0.473	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	0.225	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	0.698	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.1 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		104 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		102 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	33.5	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	614	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	270	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		122 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.1 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		104 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		102 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	1700	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	

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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

 Reported:
 04/22/19 14:54

South West Section
P904101-07 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		100 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		99.6 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	29.5	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		96.7 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		97.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		100 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		99.6 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

 Reported:
 04/22/19 14:54

North West Section
P904101-08 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		100 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.2 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	219	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	186	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		116 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		97.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		100 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.2 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

 Reported:
 04/22/19 14:54

West Wall
P904101-09 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		99.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.4 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		95.6 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		101 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		99.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.4 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

North Wall
P904101-10 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		101 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.5 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		95.7 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		96.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		101 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.5 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

**Hole 1 Walls
P904101-11 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		98.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		94.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		97.1 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		96.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		98.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		94.9 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

 Reported:
 04/22/19 14:54

Hole 1 Bottom
P904101-12 (Solid)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	0.0530	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	0.0665	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	0.374	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	0.199	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	0.573	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		101 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.6 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	26.5	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	582	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	213	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		122 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		97.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		101 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.6 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

**Hole 2 Walls
P904101-13 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130			1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8	98.4 %	70-130			1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene	99.5 %	70-130			1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	119	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	73.8	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane	103 %	50-200			1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130			1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8	98.4 %	70-130			1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene	99.5 %	70-130			1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

**Hole 2 Bottom
P904101-14 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatiles Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		98.8 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.8 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	163	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	83.7	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		104 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		103 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		98.8 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.8 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	ND	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

**Dump Line Bottom
P904101-15 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.1 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		98.2 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.8 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	226	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	99.8	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		101 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		97.1 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		98.2 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.8 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	212	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

**Dump Line Walls
P904101-16 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		99.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		99.4 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		98.8 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		97.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		99.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		99.4 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	1100	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

 Reported:
 04/22/19 14:54

Middle Section
P904101-17 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

Volatile Organic Compounds by 8260

Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.2 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		97.3 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		99.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	

Nonhalogenated Organics by 8015

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	150	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	82.0	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		102 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.2 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		97.3 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		99.7 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	

Anions by 300.0/9056A

Chloride	208	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	
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Enduring Resources, LLC
 511 16th Street, Suite 700
 Denver CO, 80202

 Project Name: MC6 Com 160H
 Project Number: 17065-0017
 Project Manager: Chad Snell

 Reported:
 04/22/19 14:54

Initial Spill Walls
P904101-18 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatiles Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		98.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Toluene-d8		97.8 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Surrogate: Bromofluorobenzene		98.5 %		70-130	1916028	04/18/19	04/18/19	EPA 8260B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1916028	04/18/19	04/18/19	EPA 8015D	
Diesel Range Organics (C10-C28)	37.0	25.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: n-Nonane		105 %		50-200	1916032	04/18/19	04/19/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.0 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Toluene-d8		97.8 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Surrogate: Bromofluorobenzene		98.5 %		70-130	1916028	04/18/19	04/18/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	1630	20.0	mg/kg	1	1916026	04/18/19	04/18/19	EPA 300.0/9056A	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Volatile Organic Compounds by 8260 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1916028 - Purge and Trap EPA 5030A

Blank (1916028-BLK1)

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 1,2-Dichloroethane-d4	0.439		"	0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		"	0.500		98.2	70-130			
Surrogate: Bromofluorobenzene	0.488		"	0.500		97.6	70-130			

LCS (1916028-BS1)

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Benzene	2.54	0.0250	mg/kg	2.50		102	70-130			
Toluene	2.47	0.0250	"	2.50		98.6	70-130			
Ethylbenzene	2.45	0.0250	"	2.50		98.0	70-130			
p,m-Xylene	4.77	0.0500	"	5.00		95.4	70-130			
o-Xylene	2.37	0.0250	"	2.50		94.6	70-130			
Total Xylenes	7.14	0.0250	"	7.50		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		"	0.500		96.2	70-130			
Surrogate: Toluene-d8	0.505		"	0.500		101	70-130			
Surrogate: Bromofluorobenzene	0.493		"	0.500		98.6	70-130			

Matrix Spike (1916028-MS1)

Source: P904101-01

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Benzene	2.39	0.0250	mg/kg	2.50	ND	95.7	48-131			
Toluene	2.32	0.0250	"	2.50	ND	92.7	48-130			
Ethylbenzene	2.30	0.0250	"	2.50	ND	91.8	45-135			
p,m-Xylene	4.45	0.0500	"	5.00	ND	89.0	43-135			
o-Xylene	2.22	0.0250	"	2.50	ND	88.6	43-135			
Total Xylenes	6.67	0.0250	"	7.50	ND	88.9	43-135			
Surrogate: 1,2-Dichloroethane-d4	0.499		"	0.500		99.7	70-130			
Surrogate: Toluene-d8	0.492		"	0.500		98.4	70-130			
Surrogate: Bromofluorobenzene	0.497		"	0.500		99.4	70-130			

Matrix Spike Dup (1916028-MSD1)

Source: P904101-01

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Benzene	2.40	0.0250	mg/kg	2.50	ND	95.9	48-131	0.188	23	
Toluene	2.33	0.0250	"	2.50	ND	93.1	48-130	0.344	24	
Ethylbenzene	2.30	0.0250	"	2.50	ND	91.9	45-135	0.0871	27	
p,m-Xylene	4.46	0.0500	"	5.00	ND	89.3	43-135	0.280	27	
o-Xylene	2.20	0.0250	"	2.50	ND	88.1	43-135	0.566	27	
Total Xylenes	6.67	0.0250	"	7.50	ND	88.9	43-135	0.00	27	
Surrogate: 1,2-Dichloroethane-d4	0.499		"	0.500		99.7	70-130			
Surrogate: Toluene-d8	0.495		"	0.500		99.0	70-130			

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5796 Highway 64, Farmington, NM 87401

Ph (505) 622-0815 Fax (505) 622-1865

24 Hour Emergency Response Phone (800) 363-1870

Page 21 of 28



Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Volatile Organic Compounds by 8260 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1916028 - Purge and Trap EPA 5030A

Matrix Spike Dup (1916028-MSD1)

Source: P904101-01

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Surrogate: Bromofluorobenzene	0.436	mg/kg	0.500	97.1	70-130
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24 Hour Emergency Response Phone (800) 363-1879

envirotech inc.com

LabAdmin@envirotech-inc.com



Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Corn 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1916028 - Purge and Trap EPA 5030A

Blank (1916028-BLK1)

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1,2-Dichloroethane-d4	0.489		"	0.500		97.8	70-130			
Surrogate: Toluene-d8	0.491		"	0.500		98.2	70-130			
Surrogate: Bromofluorobenzene	0.488		"	0.500		97.6	70-130			

LCS (1916028-BS2)

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Gasoline Range Organics (C6-C10)	48.6	20.0	mg/kg	50.0		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		"	0.500		100	70-130			
Surrogate: Toluene-d8	0.499		"	0.500		99.8	70-130			
Surrogate: Bromofluorobenzene	0.502		"	0.500		100	70-130			

Matrix Spike (1916028-MS2)

Source: P904101-01

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Gasoline Range Organics (C6-C10)	53.2	20.0	mg/kg	50.0	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		"	0.500		96.8	70-130			
Surrogate: Toluene-d8	0.498		"	0.500		99.5	70-130			
Surrogate: Bromofluorobenzene	0.478		"	0.500		95.6	70-130			

Matrix Spike Dup (1916028-MSD2)

Source: P904101-01

Prepared: 04/18/19 0 Analyzed: 04/18/19 1

Gasoline Range Organics (C6-C10)	51.7	20.0	mg/kg	50.0	ND	103	70-130	2.90	20	
Surrogate: 1,2-Dichloroethane-d4	0.488		"	0.500		97.6	70-130			
Surrogate: Toluene-d8	0.499		"	0.500		99.8	70-130			
Surrogate: Bromofluorobenzene	0.490		"	0.500		97.9	70-130			

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1916032 - DRO Extraction EPA 3570

Blank (1916032-BLK1)

Prepared: 04/18/19 | Analyzed: 04/18/19 2

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	48.4		"	50.0		96.9	50-200			

LCS (1916032-BS1)

Prepared: 04/18/19 | Analyzed: 04/18/19 2

Diesel Range Organics (C10-C28)	432	25.0	mg/kg	500		86.3	38-132			
Surrogate: n-Nonane	49.1		"	50.0		98.1	50-200			

Matrix Spike (1916032-MS1)

Source: P904101-01

Prepared: 04/18/19 | Analyzed: 04/19/19 0

Diesel Range Organics (C10-C28)	811	25.0	mg/kg	500	345	93.2	38-132			
Surrogate: n-Nonane	62.0		"	50.0		124	50-200			

Matrix Spike Dup (1916032-MSD1)

Source: P904101-01

Prepared: 04/18/19 | Analyzed: 04/19/19 0

Diesel Range Organics (C10-C28)	855	25.0	mg/kg	500	345	102	38-132	5.30	20	
Surrogate: n-Nonane	62.6		"	50.0		125	50-200			

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Anions by 300.0/9056A - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1916026 - Anion Extraction EPA 300.0/9056A										
Blank (1916026-BLK1)				Prepared: 04/18/19 0 Analyzed: 04/18/19 1						
Chloride	ND	20.0	mg/kg							
LCS (1916026-BS1)				Prepared: 04/18/19 0 Analyzed: 04/18/19 1						
Chloride	255	20.0	mg/kg	250		102	90-110			
Matrix Spike (1916026-MS1)				Source: P904101-01 Prepared: 04/18/19 0 Analyzed: 04/18/19 1						
Chloride	391	20.0	mg/kg	250	130	104	80-120			
Matrix Spike Dup (1916026-MSD1)				Source: P904101-01 Prepared: 04/18/19 0 Analyzed: 04/18/19 1						
Chloride	393	20.0	mg/kg	250	130	105	80-120	0.701	20	

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Enduring Resources, LLC
511 16th Street, Suite 700
Denver CO, 80202

Project Name: MC6 Com 160H
Project Number: 17065-0017
Project Manager: Chad Snell

Reported:
04/22/19 14:54

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
RPD Relative Percent Difference
** Methods marked with ** are non-accredited methods.

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Client: <u>Enduring Resources</u>					Report Attention		Lab Use Only		TAT		EPA Program					
Project: <u>MC & Cam 1604</u>					Report due by:		Lab WO# <u>P904101</u>		Job Number <u>17065-0017</u>		1D	3D	RCRA	CWA	SDWA	
Project Manager: <u>Chad Snell</u>					Attention:		Analysis and Method									
Address: <u>200 Energy Court</u>					Address:											
City, State, Zip: <u>Farmington, NM 87401</u>					City, State, Zip:		State									
Phone: <u>(505) 444-0586</u>					Phone:		NM CO UT AZ									
Email: <u>CSnell@enduringresources.com</u>					Email:		Remarks									
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 601D	Chloride 900.0	TPH 418.1				
11:00	4-17-19	S	1	Section 1	1	X	X	X			X					
11:05			1	Section 2	2	X	X	X			X					
11:10				East wall	3	X	X	X			X					
11:15				South wall #1	4	X	X	X			X					
11:20				South wall #2	5	X	X	X			X					
11:25				P.P. Section	6	X	X	X			X					
11:30				South Section	7	X	X	X			X					
11:35				North west Section	8	X	X	X			X					
11:40				West wall	9	X	X	X			X					
11:45				North wall	10											
Additional Instructions: <u>NIS ice in cooler</u>																
I, (field samples), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Chad Snell</u> <u>4-18-19</u>																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only								
<u>Chad Snell</u>		<u>4-18-19</u>	<u>8:30am</u>	<u>Jason A. [Signature]</u>		<u>4-18-19</u>	<u>8:30</u>	Received on Ice: <u>Y</u> N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3								
								AVG Temp °C <u>4</u>								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																

Client: <u>Enduring Resources</u> Project: <u>MC & Com 160</u> Project Manager: <u>Chad Small</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Report Attention Report due by: _____ Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____					Lab Use Only					TAT		EPA Program		
										Lab WO#		Job Number			1D	3D	RCRA	CWA	SDWA
										P 904101		17065-0017			X				
										Analysis and Method									
										NM	CO	UT	AZ						
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1	Remarks						
11:50	4-17-19	S	1	Hole 1 walls	11	X	X	X			X								
12:00				Hole 1 Bottom	12	X	X	X			X								
12:45				Hole 2 walls	13	X	X	X			X								
12:05				Hole 2 Bottom	14	X	X	X			X								
12:20				Dump line Bottom	15		X	X			X								
12:25				Dump line walls	16	X	X	X			X								
12:35				Middle section	17	X	X	X			X								
12:45				Initial spill walls	18	X	X	X			X								

Additional Instructions: v.s ice in cooler

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: [Signature] 4-18-19

Relinquished by: (Signature) [Signature] Date 4-18-19 Time 8:30am Received by: (Signature) [Signature] Date 4-18-19 Time 8:30

Relinquished by: (Signature) _____ Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____

Lab Use Only
 Received on Ice: Y / N
 T1 _____ T2 _____ T3 _____
 AVG Temp °C 4

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

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.