

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: James McDaniel	Contact Telephone: 505-444-3004
Contact email: jmcdaniel@enduringresources.com	Incident # (assigned by OCD)
Contact mailing address: 200 Energy Court	Farmington, New Mexico 87401

Location of Release Source

Latitude 36.147405 Longitude -107.576466
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: N Escavada Unit 317H	Site Type: Wellsite
Date Release Discovered: 2/20/2019	API# (if applicable) 30-043-21295

Unit Letter	Section	Township	Range	County
O	9	22N	7W	Sandoval

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)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls):
<input type="checkbox"/> Produced Water	Volume Released (bbls):	Volume Recovered (bbls):
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe) Fire	Volume/Weight Released (provide units) NONE	Volume/Weight Recovered (provide units) NA

Cause of Release

On 2/20/2019 a fire occurred around 7:45 PM at the NEU 317H wellsite. The fire occurring inside a flowback tank on-site for well flowback activities. A vac truck was pulling liquids from an adjacent frac tank, and was not properly bonded, causing a static discharge that flashed vapors escaping from the flowback tank. The vapors ignited, and flashed into the open flowback tank, catching the tank contents on fire. No one was injured, and the fire was extinguished that same evening. Due to minimal staining behind tanks area will be remediated per 19.15.29 NMAC.

NMOC

MAY 16 2019

DISTRICT III

38

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Due to a fire, the incident is classified as major incident.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was provided to Cory Smith, NMOCD, at 9:55 PM on 2/20/2019 via phone call. A follow-up email was sent on 2/21/2019 at 10:32 AM, see attached email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> 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: Fire was put out. No free liquids were present. Some minimal staining on backside of flowback tanks will be addressed when flowback is completed.
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: _____
<p><u>OCD Only</u></p> Received by: _____ Date: _____

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Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	255 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

<p>Characterization Report Checklist: <i>Each of the following items must be included in the report.</i></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. <input checked="" type="checkbox"/> Field data <input checked="" type="checkbox"/> Data table of soil contaminant concentration data <input checked="" type="checkbox"/> Depth to water determination <input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release <input checked="" type="checkbox"/> Boring or excavation logs <input checked="" type="checkbox"/> Photographs including date and GIS information <input checked="" type="checkbox"/> Topographic/Aerial maps <input checked="" type="checkbox"/> 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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Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
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Application ID	

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	
Facility ID	
Application ID	

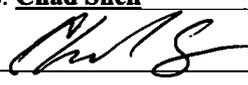
Closure

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

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

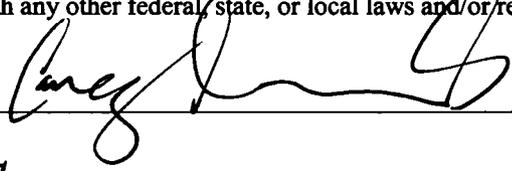
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Printed Name: Chad Snell Title: HSE Tech
 Signature:  Date: 5-14-2019
 email: csnell@enduringresources.com Telephone: (505)444-0586

OCD Only

Received by:  Date: 5/16/19

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: 6/20/19
 Printed Name: Cory Title: Environmental Spec

North Escavada 317H Remediation Narrative

2/20/2019

A fire was discovered around 7:45pm at the NEU 317H wellsite. The fire occurred inside a flow back tank on-site used for well flow back activities. A vac truck was pulling liquids from an adjacent frac tank, and was not properly bonded, causing a static discharge that flashed vapors escaping from the flow back tank. The vapors ignited, and flashed into the open flow back tank, catching the tank contents on fire. No one was injured, and the fire was extinguished the same evening. Notice was provided to Cory Smith of the NMOCD at 9:55pm via phone call which a follow-up email was sent on 2/21/2019, see attached "*Email Notification*".

2/21/2019

NMOCD on site and noticed minimal staining on the back side of flow back tanks that would be addressed once completion of flow back activities, no free standing liquids were found during inspection.

4/23/2019

Staining was scrapped up using a back hoe. Approximately 24 yards was removed from the pad and hauled off to a proper disposal facility.

4/30/2019

Email notification was sent to the NMOCD scheduling confirmation sampling for May 2nd 2019 at 9:30am, see attached "*Email Notification*".

5/2/2019

Confirmation sampling activities occurred, NMOCD rep was not on site to witness. Eight composite samples were collected from impacted area were each was in a 200 square foot area measuring out to 20' by 10'. Samples were sent in for analysis of BTEX, DRO/GRO/ORO, and Chlorides.

5/6/2019

Analytical Report was received and all returned results were under closure standards for this site (BTEX: 50 ppm, TPH: 2500 ppm, and chlorides 20,000 ppm), see attached "*Analytical Report*" and "*Sample Results Table*". Site was ranked with ground water being over 100ft from surface by a cathodic that was drilled at a nearby location (NEU 329H) showing ground water to be over 340' from surface, see attached "*Ground bed Drilling Log*". No further action is required.

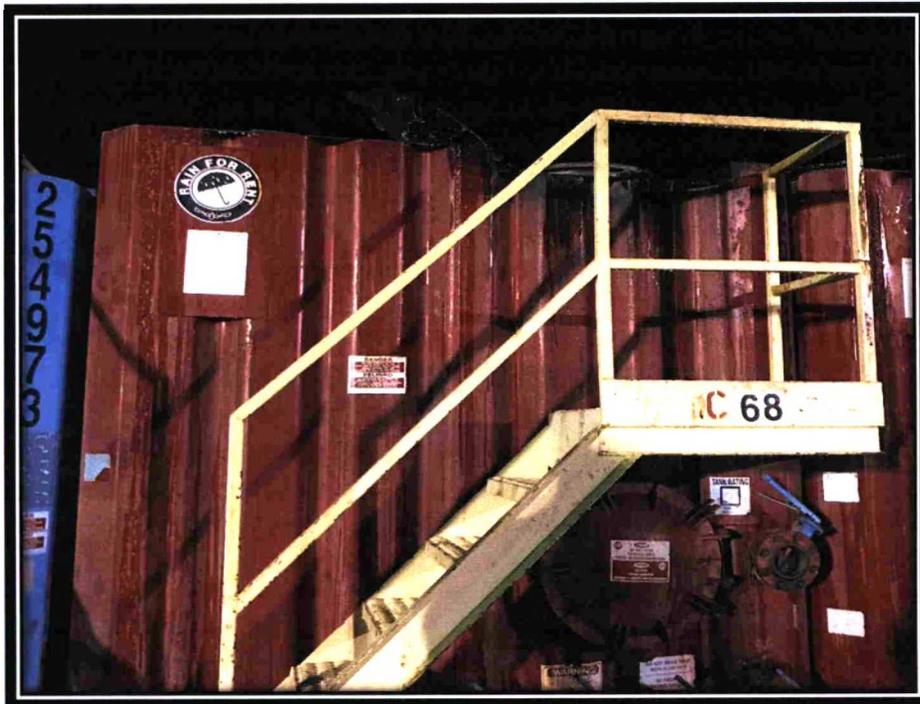


Enduring Resources, LLC
NEU 317H Tank Fire

PHOTO 1: View of Fire and Position of Transfer Pump



PHOTO 2: View of Flow-back Tank After Fire was Extinguished





Enduring Resources, LLC
NEU 317H Tank Fire

PHOTO 3: Pictures of M&R Truck Bonding Wire





Enduring Resources, LLC
NEU 317H Tank Fire

PHOTOS: After clean-up





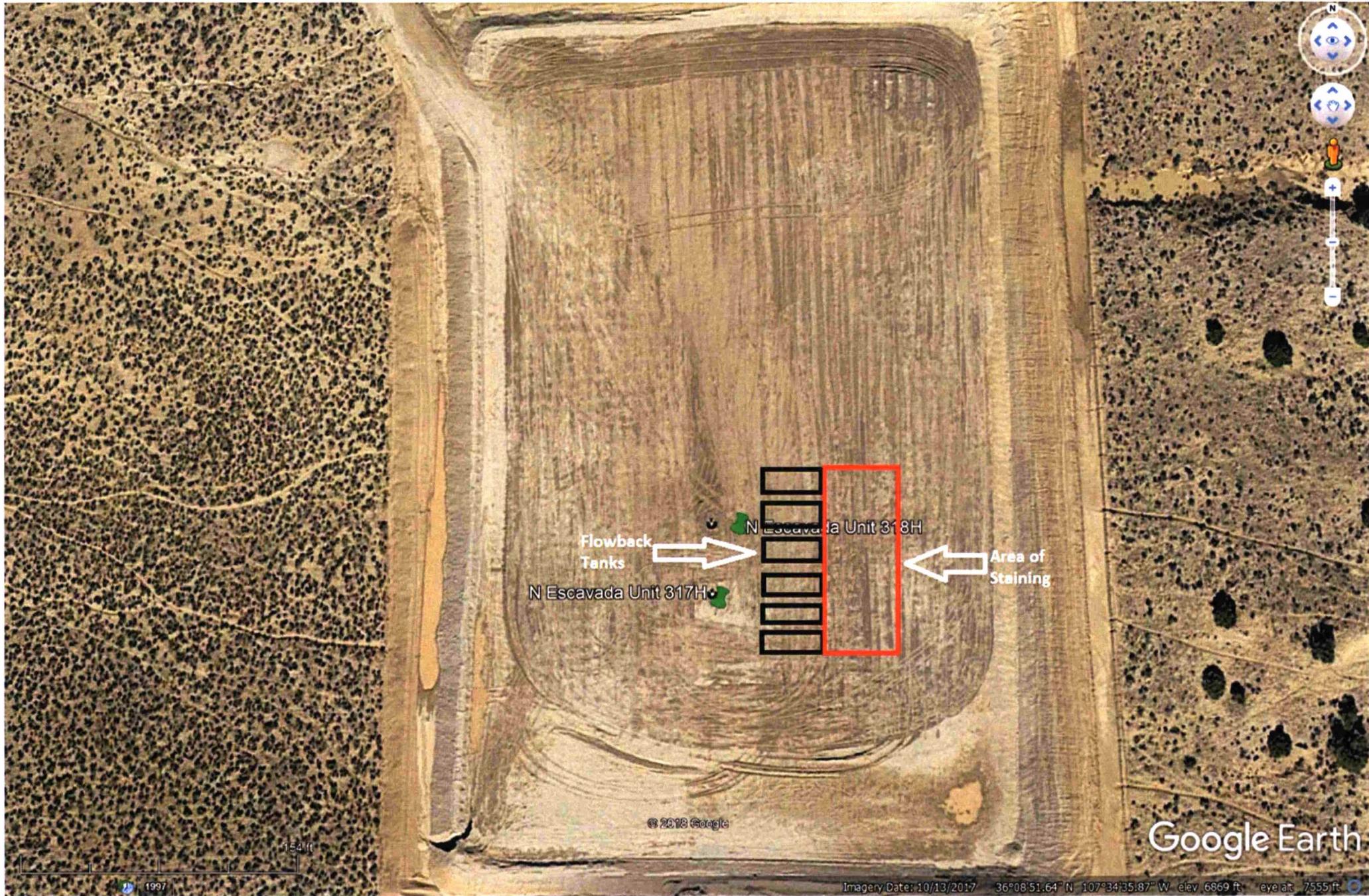
Enduring Resources, LLC
NEU 317H Tank Fire



NEU 317H

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	NA	1000	NA	2500	10	NA	NA	NA	50	20,000	200 sq. ft
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
Section 1	Composite	5/2/2019	10:10 AM	116	<20	136	<50	186.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	583	200
Section 2	Composite	5/2/2019	10:15 AM	235	<20	255	94.5	349.5	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	120	200
Section 3	Composite	5/2/2019	10:20 AM	199	<20	219	106	325	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	308	200
Section 4	Composite	5/2/2019	10:25 AM	<25	<20	<45	<50	<95	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	85	200
Section 5	Composite	5/2/2019	10:30 AM	138	<20	158	53.2	211.2	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	280	200
Section 6	Composite	5/2/2019	10:35 AM	205	<20	225	103	328	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	39.9	200
Section 7	Composite	5/2/2019	10:40 AM	48.3	<20	68.3	<50	118.3	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	308	200
Section 8	Composite	5/2/2019	10:45 AM	68.7	<20	<88.7	<50	138.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	64.7	200

CLOSURE SAMPLES



Flowback
Tanks

N Escavada Unit 317H

N Escavada Unit 318H

Area of
Staining

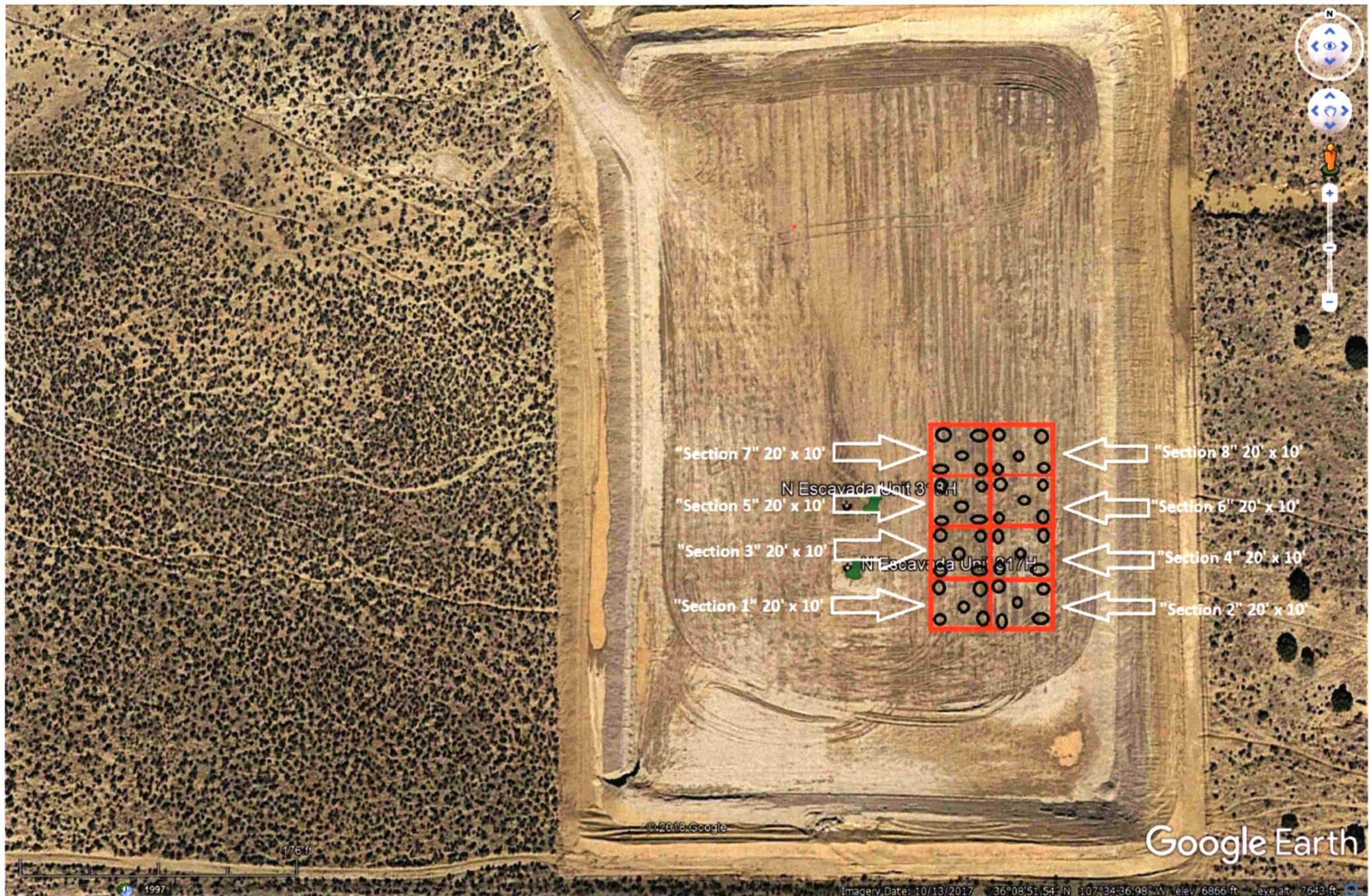
© 2018 Google

Google Earth

Imagery Date: 10/13/2017 36°08'51.64" N 107°34'35.87" W elev 6869 ft eye alt 7555 ft

1997

154 ft



"Section 7" 20' x 10'

"Section 8" 20' x 10'

N Escavada Unit 3

"Section 5" 20' x 10'

"Section 6" 20' x 10'

"Section 3" 20' x 10'

"Section 4" 20' x 10'

N Escavada Unit 31/H

"Section 1" 20' x 10'

"Section 2" 20' x 10'

© 2018 Google

Google Earth

1997

Imagery Date: 10/13/2017 36°08'51.54" N 107°34'36.98" W elev 6966 ft eye alt 7643 ft



National Wetlands Inventory

surface waters and wetlands

ABOUT

GET DATA

PRINT

FIND LOCATION

BASEMAPS >

MAP LAYERS >

- Wetlands
- Riparian
- Riparian Mapping Areas
- Data Source
 - Source Type
 - Image Scale
 - Image Year
- Areas of Interest
- FWS Managed Lands
- Historic Wetland Data



Measure

Feet

Measurement Result

1,096.3 Feet

1:4,514
36.150 | -107.584

Esri, HERE, Garmin, IPC | USDA FSA | U.S. Fish and Wildlife Service, National Standards and Support Tea... **esri**



Basemap Gallery



Dark Gray Canvas



Imagery



Imagery with Labels



Light Gray Canvas



National Geographic



Oceans



OpenStreetMap



Streets



Terrain with Labels



Topographic



USA Topo Maps



USGS National Map

36.14740556 -107.5764622 X Q

Show search results for 36.1474055...

Search result ✕

36°08'50.660" N 107°34'35.263" W

[Zoom to](#) ...

30mi

-109.889 34.972 Degrees



Layer List

Layers

- New Mexico Oil and Gas Wells
- OCD Districts and Offices
- Public Land Survey System
- Leases and Units
- Communitization Agreements and Participating Areas
- Political Boundaries and Transportation
- Mineral and Surface Ownership
- Hydrology

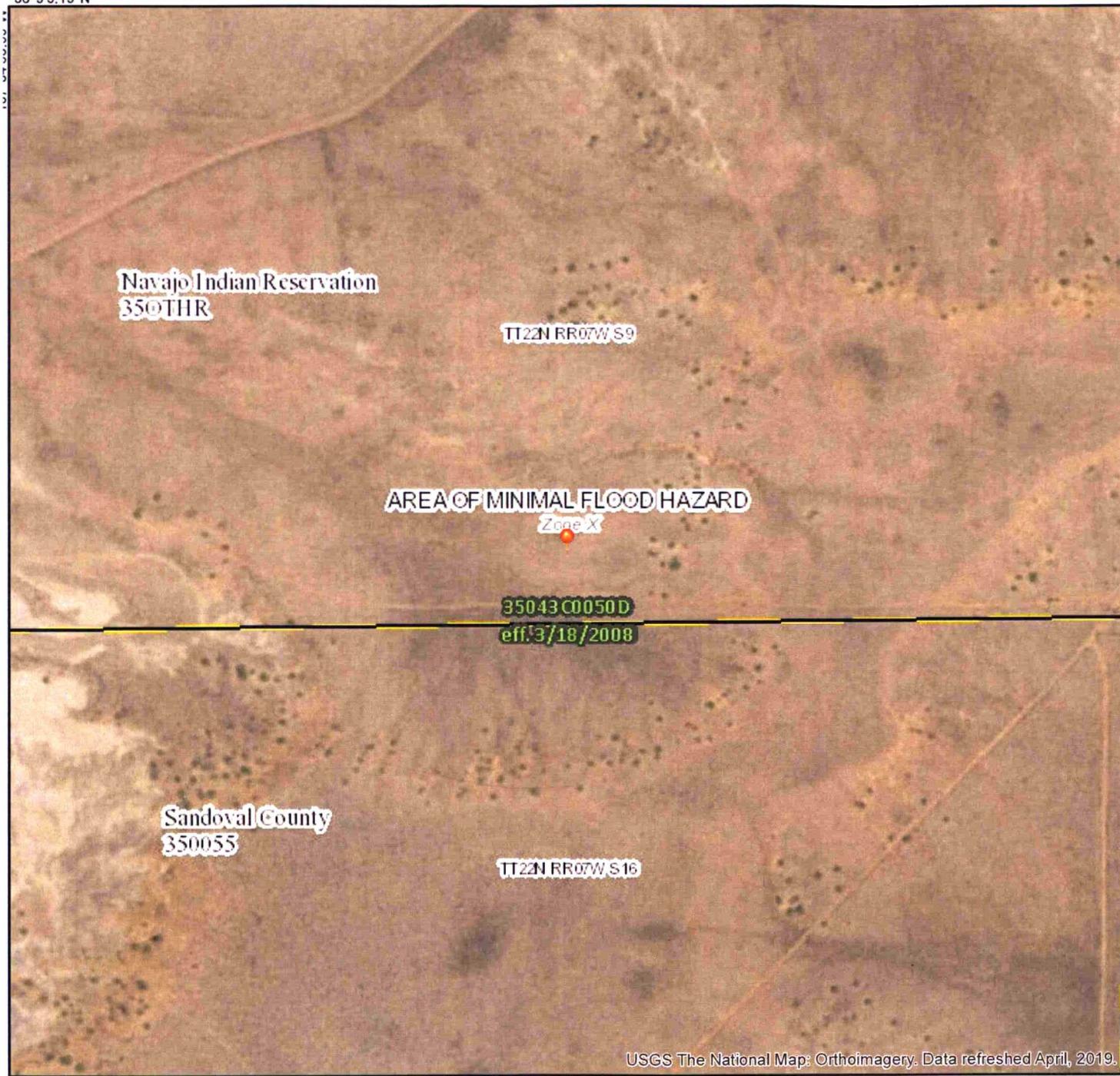
Map interface showing an aerial view of a desert landscape. A search bar at the top center contains the text "ESCAVADA UNIT #317H X". Below the search bar, a blue line is drawn across the map between two green location pins. The pin on the right is labeled "30-04321295". A red dashed line runs vertically through the map, and a red solid line runs horizontally. The map is overlaid with a grid of red lines. A "Measurement" popup window is open on the right side of the map, displaying "1,099.2 Feet" and a "Clear" button. The popup also shows a scale of "1 Feet" and a note "Press CTRL to enable snapping".

100m
300ft
-107.56979 36.14487 Degrees

National Flood Hazard Layer FIRMeTte



36°9'5.19"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 J |
| | | 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 | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| MAP PANELS | | 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 5/10/2019 at 10:17:42 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

0 250 500 1,000 1,500 2,000 Feet 1:6,000 36°8'36.14"N

107°34'16.54"W

James McDaniel

From: James McDaniel
Sent: Thursday, February 21, 2019 10:32 AM
To: 'Smith, Cory, EMNRD'; Fields, Vanessa, EMNRD
Cc: Alex Campbell; Andrea Felix; John Conley
Subject: NEU 317H Incident - 2/20/19

Cory,

As report via phone last night, there was an incident at the N Escavada Unit 317H Pad last night. A flowback tank caught fire during truck unloading activities. All personnel were evacuated safely, and the fire was contained to the one tank. The fire was extinguished by response personnel at 10:41 PM. The cause of the fire is still under investigation. Additional information is contained below. Please contact me with any additional questions.

Date & Time of Incident: 2-20-2019 approximately 7:45pm fire started and was extinguished at 10:41pm on 2-20-2019

Location: Section 9, T22N, R7W Sandoval County

Well Pad Name: NEU 317H Pad

Wells on Pad:

1. N Escavada Unit #317H API 30-043-21295
2. N Escavada Unit #318H API 30-043-21301

Incident Type: Tank fire, fully contained to 1 tank

Injuries: None

Loss of life: None

Emergency Personnel Onsite: SJC Fire, Cuba Fire, NM State Police Case# 19-02581

Enduring Resources Management onsite:

1. Andrea Felix, Regulatory Manager
2. James McDaniel, HSE Supervisor
3. Jacob Ellis, Facility Supervisor

James McDaniel

HSE Supervisor

Enduring Resources

CSP #30009

CHMM #15676

Office: 505-636-9731

Cell: 505-444-3004

jmcdaniel@enduringresources.com



Chad Snell

From: Chad Snell
Sent: Tuesday, April 30, 2019 8:59 AM
To: 'Smith, Cory, EMNRD'; Powell, Brandon, EMNRD
Cc: James McDaniel
Subject: NEU 317H NCS1905249044

Cory,

Enduring Resources would like to schedule closure sampling at the NEU 317H (Incident number: NCS1905249044, API: 30-043-21295) for Thursday May 2, 2019 at 9:30am. Please let me know if this time works for you or not.

Thank you

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

Ground Bed Drilling Log

Company: WPK Energy Well: North Escanaba UT# 329H Date: 10-12-2016
 Location: SICLOT 32N R2W State: New Mexico Rig: Stang #1
 Ground Bed Depth: 340' Water Depth: 0 Diameter: 10"
 Puck: 89 gal. Includes: 2x 405 22 Longitude: -107.56754

DEPTH	FORMATION	OTHER
<u>0-60</u>	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	<u>PVC</u>
<u>60-100</u>	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	
<u>100-140</u>	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	
<u>140-190</u>	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	
<u>190-250</u>	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	
<u>250-300</u>	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	
<u>300-340</u>	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	
	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	
	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	
	<u>Sand Stone, Shale, Sand w/ Shale w/ Sand</u>	

GROUNDWATER DEPTH LOG			
Company: <u>WPK Energy</u>		Location: <u>North Escanaba UT# 329H</u>	
		Longitude: <u>3x 1965 72 / -107.56754</u>	
		Elevation:	
Puck Size: <u>General Slender</u>			
Depth Interval Method: <u>Push</u>			
Minimum Puck Depth: <u>30', 55', & 105'</u> unless otherwise requested			
Date	Time	Depth	Comments
<u>10-12-16</u>	<u>10 am</u>	<u>30'</u>	<u>drilled 30'</u>
	<u>11 am</u>	<u>30'</u>	<u>tested no water</u>
	<u>11:30</u>	<u>55'</u>	<u>drilled to 55'</u>
	<u>12:00</u>	<u>55'</u>	<u>tested no water</u>
	<u>1:45</u>	<u>105'</u>	<u>drilled to 105'</u>
	<u>2:45</u>	<u>105'</u>	<u>tested no water set 60' casing</u>
<u>10-13-16</u>	<u>8:30 am</u>	<u>105'</u>	<u>no water</u>
	<u>11:45</u>	<u>340'</u>	<u>finished annular bed</u>

Analytical Report

Report Summary

Client: Enduring Resources, LLC

Samples Received: 5/2/2019

Job Number: 17065-0017

Work Order: P905011

Project Name/Location: NEU 317H

Report Reviewed By:



Date: 5/6/19

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: NEU 317H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 05/06/19 13:52
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Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Section 1	P905011-01A	Soil	05/02/19	05/02/19	Glass Jar, 4 oz.
Section 2	P905011-02A	Soil	05/02/19	05/02/19	Glass Jar, 4 oz.
Section 3	P905011-03A	Soil	05/02/19	05/02/19	Glass Jar, 4 oz.
Section 4	P905011-04A	Soil	05/02/19	05/02/19	Glass Jar, 4 oz.
Section 5	P905011-05A	Soil	05/02/19	05/02/19	Glass Jar, 4 oz.
Section 6	P905011-06A	Soil	05/02/19	05/02/19	Glass Jar, 4 oz.
Section 7	P905011-07A	Soil	05/02/19	05/02/19	Glass Jar, 4 oz.
Section 8	P905011-08A	Soil	05/02/19	05/02/19	Glass Jar, 4 oz.

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**Section 1
P905011-01 (Solid)**

Analyte	Reporting							Method	Notes
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed		
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %		50-150	1918038	05/02/19	05/02/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8015D	
Diesel Range Organics (C10-C28)	116	25.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %		50-150	1918038	05/02/19	05/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		118 %		50-200	1918040	05/02/19	05/03/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	583	20.0	mg/kg	1	1918039	05/02/19	05/03/19	EPA 300.0/9056A	

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Section 2
P905011-02 (Solid)

Analyte	Reporting								
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatiles Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.1 %		50-150	1918038	05/02/19	05/02/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8015D	
Diesel Range Organics (C10-C28)	235	25.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
Oil Range Organics (C28-C40)	94.5	50.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %		50-150	1918038	05/02/19	05/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		139 %		50-200	1918040	05/02/19	05/03/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	120	20.0	mg/kg	1	1918039	05/02/19	05/03/19	EPA 300.0/9056A	

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Section 3
P905011-03 (Solid)

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %		50-150	1918038	05/02/19	05/02/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8015D	
Diesel Range Organics (C10-C28)	199	25.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
Oil Range Organics (C28-C40)	106	50.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %		50-150	1918038	05/02/19	05/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		138 %		50-200	1918040	05/02/19	05/03/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	308	20.0	mg/kg	1	1918039	05/02/19	05/03/19	EPA 300.0/9056A	

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Section 4
P905011-04 (Solid)

Analyte	Reporting								
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatiles Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %		50-150	1918038	05/02/19	05/02/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %		50-150	1918038	05/02/19	05/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		112 %		50-200	1918040	05/02/19	05/03/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	85.6	20.0	mg/kg	1	1918039	05/02/19	05/03/19	EPA 300.0/9056A	

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Section 5
P905011-05 (Solid)

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %		50-150	1918038	05/02/19	05/02/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8015D	
Diesel Range Organics (C10-C28)	138	25.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
Oil Range Organics (C28-C40)	53.2	50.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %		50-150	1918038	05/02/19	05/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		113 %		50-200	1918040	05/02/19	05/03/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	280	20.0	mg/kg	1	1918039	05/02/19	05/03/19	EPA 300.0/9056A	

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**Section 6
P905011-06 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %		50-150	1918038	05/02/19	05/02/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8015D	
Diesel Range Organics (C10-C28)	205	25.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
Oil Range Organics (C28-C40)	103	50.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %		50-150	1918038	05/02/19	05/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		112 %		50-200	1918040	05/02/19	05/03/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	39.9	20.0	mg/kg	1	1918039	05/02/19	05/03/19	EPA 300.0/9056A	

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**Section 7
P905011-07 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.3 %		50-150	1918038	05/02/19	05/02/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8015D	
Diesel Range Organics (C10-C28)	48.3	25.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.0 %		50-150	1918038	05/02/19	05/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		87.6 %		50-200	1918040	05/02/19	05/03/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	308	20.0	mg/kg	1	1918039	05/02/19	05/03/19	EPA 300.0/9056A	

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**Section 8
P905011-08 (Solid)**

Analyte	Reporting							Method	Notes
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed		
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %		50-150	1918038	05/02/19	05/02/19	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1918038	05/02/19	05/02/19	EPA 8015D	
Diesel Range Organics (C10-C28)	68.7	25.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1918040	05/02/19	05/03/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %		50-150	1918038	05/02/19	05/02/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		99.2 %		50-200	1918040	05/02/19	05/03/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	64.7	20.0	mg/kg	1	1918039	05/02/19	05/03/19	EPA 300.0/9056A	

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Volatile Organics by EPA 8021 - Quality Control
Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1918038 - Purge and Trap EPA 5030A

Blank (1918038-BLK1) Prepared: 05/02/19 | Analyzed: 05/03/19 0

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: 4-Bromochlorobenzene-PID 8.14 " 8.00 102 50-150

LCS (1918038-BS1) Prepared: 05/02/19 | Analyzed: 05/03/19 0

Benzene	4.78	0.0250	mg/kg	5.00		95.6	70-130			
Toluene	5.26	0.0250	"	5.00		105	70-130			
Ethylbenzene	5.26	0.0250	"	5.00		105	70-130			
p,m-Xylene	10.8	0.0500	"	10.0		108	70-130			
o-Xylene	5.27	0.0250	"	5.00		105	70-130			
Total Xylenes	16.1	0.0250	"	15.0		107	70-130			

Surrogate: 4-Bromochlorobenzene-PID 8.21 " 8.00 103 50-150

Matrix Spike (1918038-MS1) Source: P905009-01 Prepared: 05/02/19 | Analyzed: 05/03/19 0

Benzene	4.73	0.0250	mg/kg	5.00	ND	94.7	54.3-133			
Toluene	5.21	0.0250	"	5.00	ND	104	61.4-130			
Ethylbenzene	5.20	0.0250	"	5.00	ND	104	61.4-133			
p,m-Xylene	10.7	0.0500	"	10.0	ND	107	63.3-131			
o-Xylene	5.22	0.0250	"	5.00	ND	104	63.3-131			
Total Xylenes	15.9	0.0250	"	15.0	ND	106	63.3-131			

Surrogate: 4-Bromochlorobenzene-PID 8.20 " 8.00 102 50-150

Matrix Spike Dup (1918038-MSD1) Source: P905009-01 Prepared: 05/02/19 | Analyzed: 05/03/19 0

Benzene	4.63	0.0250	mg/kg	5.00	ND	92.5	54.3-133	2.29	20	
Toluene	5.10	0.0250	"	5.00	ND	102	61.4-130	2.15	20	
Ethylbenzene	5.11	0.0250	"	5.00	ND	102	61.4-133	1.83	20	
p,m-Xylene	10.5	0.0500	"	10.0	ND	105	63.3-131	1.77	20	
o-Xylene	5.13	0.0250	"	5.00	ND	103	63.3-131	1.65	20	
Total Xylenes	15.6	0.0250	"	15.0	ND	104	63.3-131	1.73	20	

Surrogate: 4-Bromochlorobenzene-PID 8.23 " 8.00 103 50-150

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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 1918038 - Purge and Trap EPA 5030A

Blank (1918038-BLK1)		Prepared: 05/02/19 Analyzed: 05/03/19 0								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		"	8.00		94.6	50-150			
LCS (1918038-BS2)		Prepared: 05/02/19 Analyzed: 05/03/19 0								
Gasoline Range Organics (C6-C10)	55.1	20.0	mg/kg	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		"	8.00		96.2	50-150			
Matrix Spike (1918038-MS2)		Source: P905009-01		Prepared: 05/02/19 Analyzed: 05/03/19 1						
Gasoline Range Organics (C6-C10)	54.7	20.0	mg/kg	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		"	8.00		96.1	50-150			
Matrix Spike Dup (1918038-MSD2)		Source: P905009-01		Prepared: 05/02/19 Analyzed: 05/03/19 1						
Gasoline Range Organics (C6-C10)	54.8	20.0	mg/kg	50.0	ND	110	70-130	0.216	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		"	8.00		96.9	50-150			

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Enduring Resources, LLC 511 16th Street, Suite 700 Denver CO, 80202	Project Name: NEU 317H Project Number: 17065-0017 Project Manager: Chad Snell	Reported: 05/06/19 13:52
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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 1918040 - DRO Extraction EPA 3570

Blank (1918040-BLK1)										
					Prepared: 05/02/19 Analyzed: 05/03/19					
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	55.6		"	50.0		111	50-200			
LCS (1918040-BS1)										
					Prepared: 05/02/19 Analyzed: 05/03/19					
Diesel Range Organics (C10-C28)	527	25.0	mg/kg	500		105	38-132			
Surrogate: n-Nonane	49.1		"	50.0		98.2	50-200			
Matrix Spike (1918040-MS1)										
			Source: P905011-01		Prepared: 05/02/19 Analyzed: 05/03/19					
Diesel Range Organics (C10-C28)	796	25.0	mg/kg	500	116	136	38-132			SPK1
Surrogate: n-Nonane	57.0		"	50.0		114	50-200			
Matrix Spike Dup (1918040-MSD1)										
			Source: P905011-01		Prepared: 05/02/19 Analyzed: 05/03/19					
Diesel Range Organics (C10-C28)	770	25.0	mg/kg	500	116	131	38-132	3.29	20	
Surrogate: n-Nonane	60.7		"	50.0		121	50-200			

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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 1918039 - Anion Extraction EPA 300.0/9056A

Blank (1918039-BLK1)				Prepared: 05/02/19 Analyzed: 05/03/19 0						
Chloride	ND	20.0	mg/kg							
LCS (1918039-BS1)				Prepared: 05/02/19 Analyzed: 05/03/19 0						
Chloride	254	20.0	mg/kg	250		101	90-110			
Matrix Spike (1918039-MS1)				Source: P905009-01 Prepared: 05/02/19 Analyzed: 05/03/19 0						
Chloride	278	20.0	mg/kg	250	24.6	102	80-120			
Matrix Spike Dup (1918039-MSD1)				Source: P905009-01 Prepared: 05/02/19 Analyzed: 05/03/19 0						
Chloride	280	20.0	mg/kg	250	24.6	102	80-120	0.698	20	

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Notes and Definitions

- SPK1 The spike recovery is outside of quality control limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- ** Methods marked with ** are non-accredited methods.

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Client: <u>Enduring Resources</u> Project: <u>NEU 3174</u> Project Manager: <u>Chad Snell</u> Address: <u>200 Energy Court</u> City, State, Zip: <u>Farmington NM 87401</u> Phone: <u>(505) 444-0586</u> Email: <u>C.Snell@enduringresources.com</u>		Report Attention Report due by: Attention: Address: City, State, Zip: Phone: Email:		Lab Use Only Lab WO# <u>P905011</u> Job Number <u>17065-0017</u> Analysis and Method			TAT 1D <u>7</u> 3D		EPA Program RCRA CWA SDWA		
				State NM CO UT AZ							

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/CRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH 418.1	Remarks
10:10	5-2-19	S	1	Section 1	1	X	X	X		X			
10:15	5-2-19	S	1	Section 2	2	Y	X	X		X			
10:20	5-2-19	S	1	Section 3	3	Y	X	X		X			
10:25	5-2-19	S	1	Section 4	4	X	X	X		X			
10:30	5-2-19	S	1	Section 5	5	X	Y	X		X			
10:35	5-2-19	S	1	Section 6	6	X	Y	X		X			
10:40	5-2-19	S	1	Section 7	7	X	X	X		X			
10:45	5-2-19	S	1	Section 8	8	X	X	X		X			

Additional Instructions: Vis 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] 5-2-19

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) <u>[Signature]</u>	Date <u>5-2-19</u>	Time <u>1:15 pm</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-2-19</u>	Time <u>13:15</u>	Lab Use Only
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <u>Y</u> / N
						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.