

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

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: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: Jacqueline Harris Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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: Robert Hamlet Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



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*Site Information*

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**Closure Report**  
**Seabiscuit Federal Com 002H & 004H CTB (05.14.21)**  
**Eddy County, New Mexico**  
**Unit N Sec 12 T24S R31E**  
**Incident #: NAPP2114835719**  
**32.22527°, -103.73307°**

**Crude Oil Release**  
**Source: Overflow of fluid from flare**  
**Release Date: 5/14/2021**  
**Volume Released: 1 bbls Oil**  
**Volume Recovered: 0bbls Oil**

**Prepared for:**  
**Concho Operating, LLC**  
**15 West London Rd**  
**Loving, NM 88256**

**Prepared by:**  
**NTG Environmental**  
**701 Tradewinds Blvd**  
**Suite C**  
**Midland, TX 79706**



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### **APPENDICES**

APPENDIX A	C-141 INITIAL AND FINAL
APPENDIX B	GROUNDWATER RESEARCH
APPENDIX C	LABORATORY ANALYTICAL REPORTS



701 Tradewinds Boulevard, Suite C  
Midland, Texas 79706  
Tel. 432.685.3898  
www.ntglobal.com

July 22, 2021

Mike Bratcher  
District Supervisor  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, New Mexico 88210

**Re: Closure Report  
Seabiscuit Federal Com 002H & 004H CTB (05.14.21)  
Concho Operating, LLC  
Site Location: Unit N, S12, T24S, R31E  
(Lat 32.22527°, Long -103.73307°)  
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for the Seabiscuit Federal Com 002H & 004H CTB. The site is located at 32.22527°, -103.73307° within Unit N, S12, T24S, R31E, and approximately 32.37 miles Southeast of Carlsbad, New Mexico, in Eddy County (Figures 1 and 2).

### **Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on May 14, 2021. It resulted in the release of approximately one (1) barrel of crude oil. No fluids were recovered. The impacted area measured approximately 45' x 40', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water source within a ½ mile radius of the location. The nearest identified well is located approximately 1.74 miles Southwest of the site in S23, T12S, R31E. The well has a reported depth to groundwater of 868 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

### **Regulatory Criteria**

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride 600 mg/kg

### **Remediation Activities and Confirmation Sampling**

Before collecting confirmation samples, a third-party operator excavated the impacted area to a depth of 0.5'. New Tech Global Environmental personnel were on site on July 9, 2021, to collect confirmation samples.

A total of fourteen (14) confirmation samples were collected (CS-1 through CS-14) and were collected every 200 square feet to ensure proper removal of the contaminated soils. The soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Xenco Laboratories in Midland, Texas, for chemical analysis. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 1. The excavation depths and confirmation sample locations are shown in Figure 3.

All the final confirmation samples were below the 19.15.29.12 NMAC criteria. Refer to Table 1.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 37 cubic yards of material were excavated and transported offsite for proper disposal.

### **Conclusions**

Based on the finding of the assessment and the analytical results, no further actions are required at the site. The final C-141 is attached, and Concho Resources formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,  
**NTG Environmental**



Mike Carmona  
Senior Project Manager

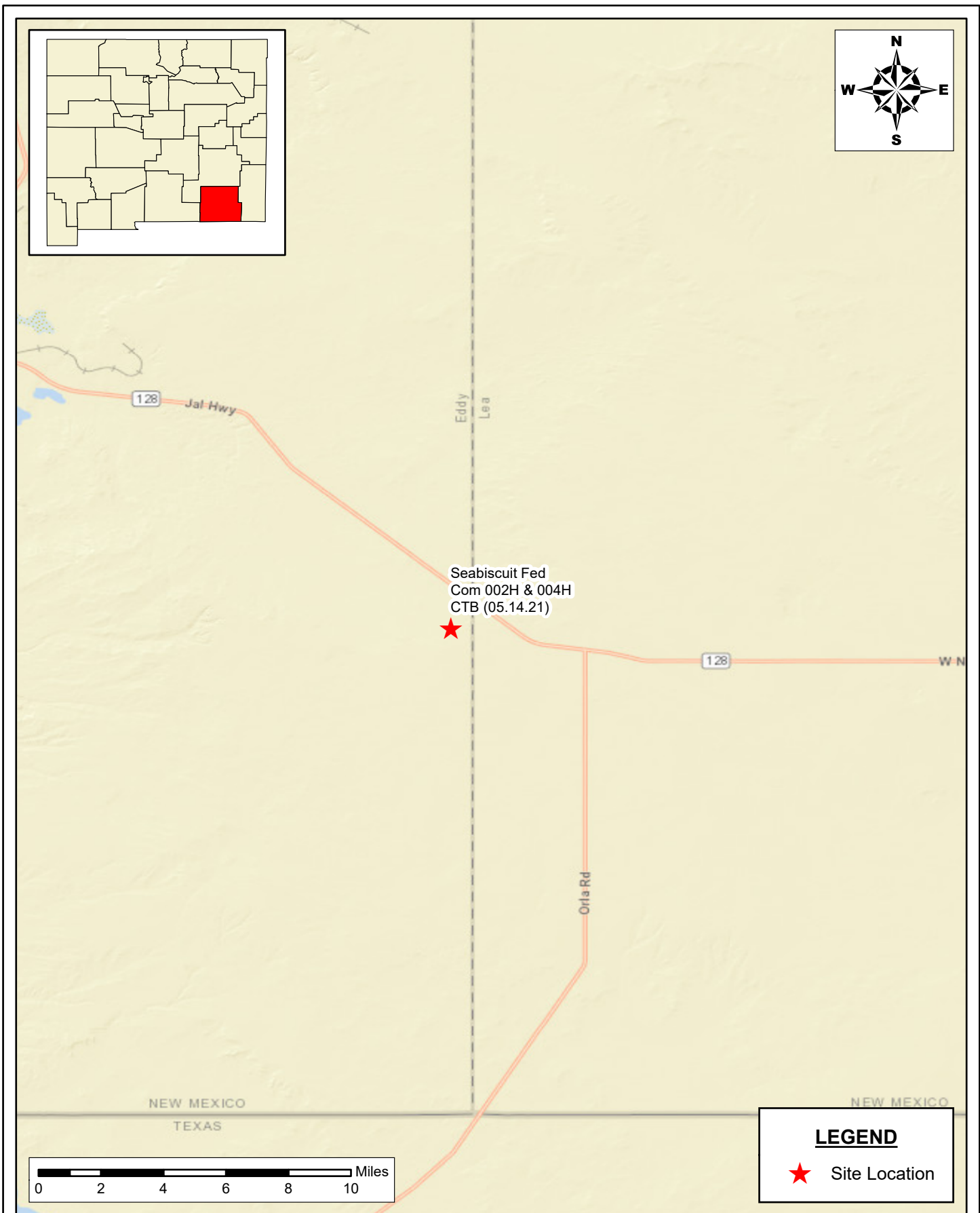


Clinton Merritt  
Project Manager



## *Figures*

Document Path: P:\2021 PROJECTS\COP\214375 - Seabiscuit Federal Com 2H&amp;4H CTB (05.14.21)\7 - Figures\GIS\Geodatabase\Figure\_1\_SLMMap\_07122021.mxd



**SITE LOCATION MAP**  
**COG OPERATING, LLC**  
 SEABISCUIT FED COM 002H & 004H CTB (05.14.21)  
 EDDY COUNTY, NEW MEXICO  
 32.22527, -103.73307

SCALE: As Shown

Date: 7/12/2021

PROJECT #: 214375

**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntglobal.com

**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

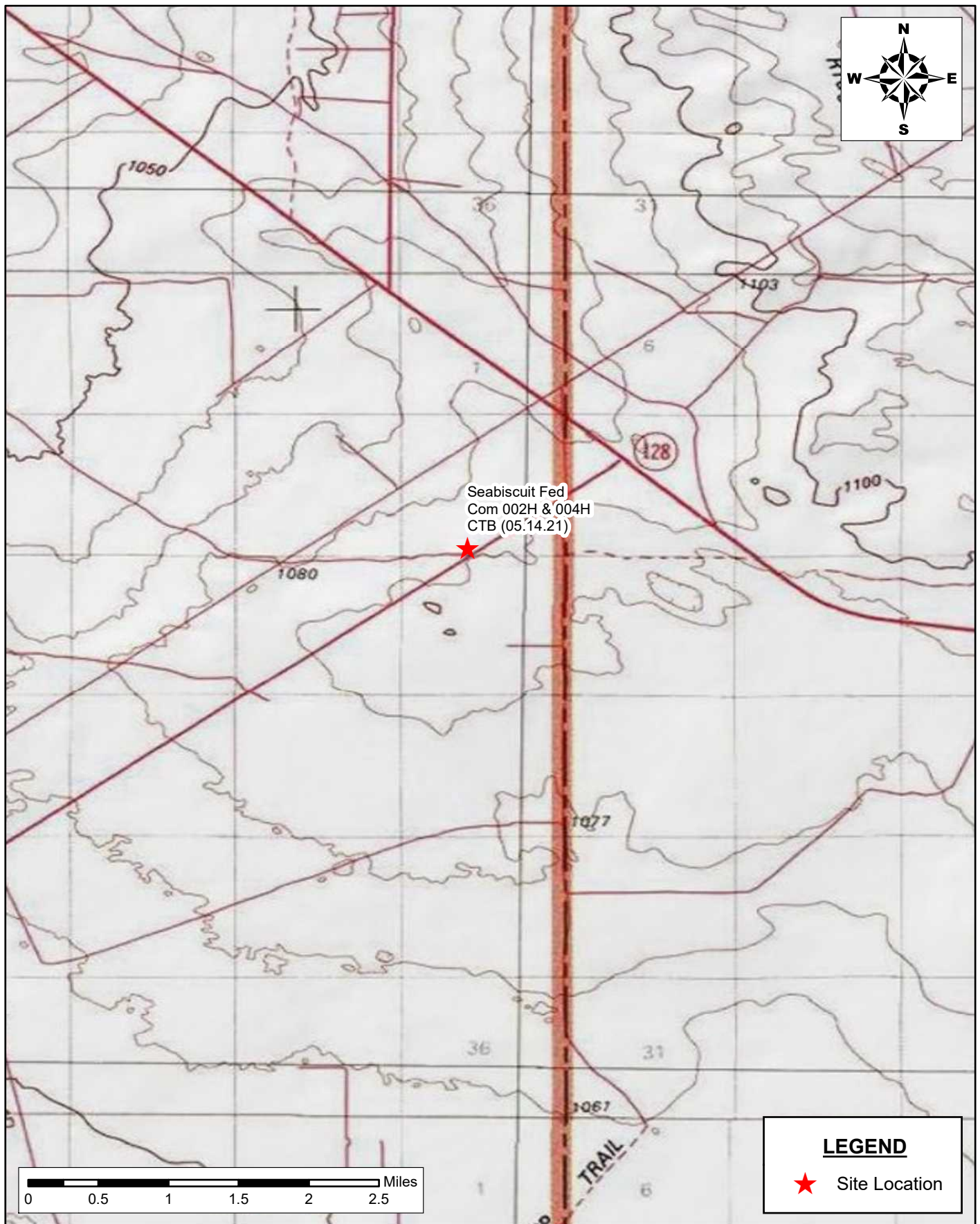
**FIGURE 1**

SHEET NUMBER:

**1 of 1**



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**AREA MAP**  
**COG OPERATING, LLC**  
 SEABISCUIT FED COM 002H & 004H CTB (05.14.21)  
 EDDY COUNTY, NEW MEXICO  
 32.22527, -103.73307

SCALE: As Shown

Date: 7/12/2021

PROJECT #: 214375



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 911 Regional Park Drive  
 Houston, Texas 77060  
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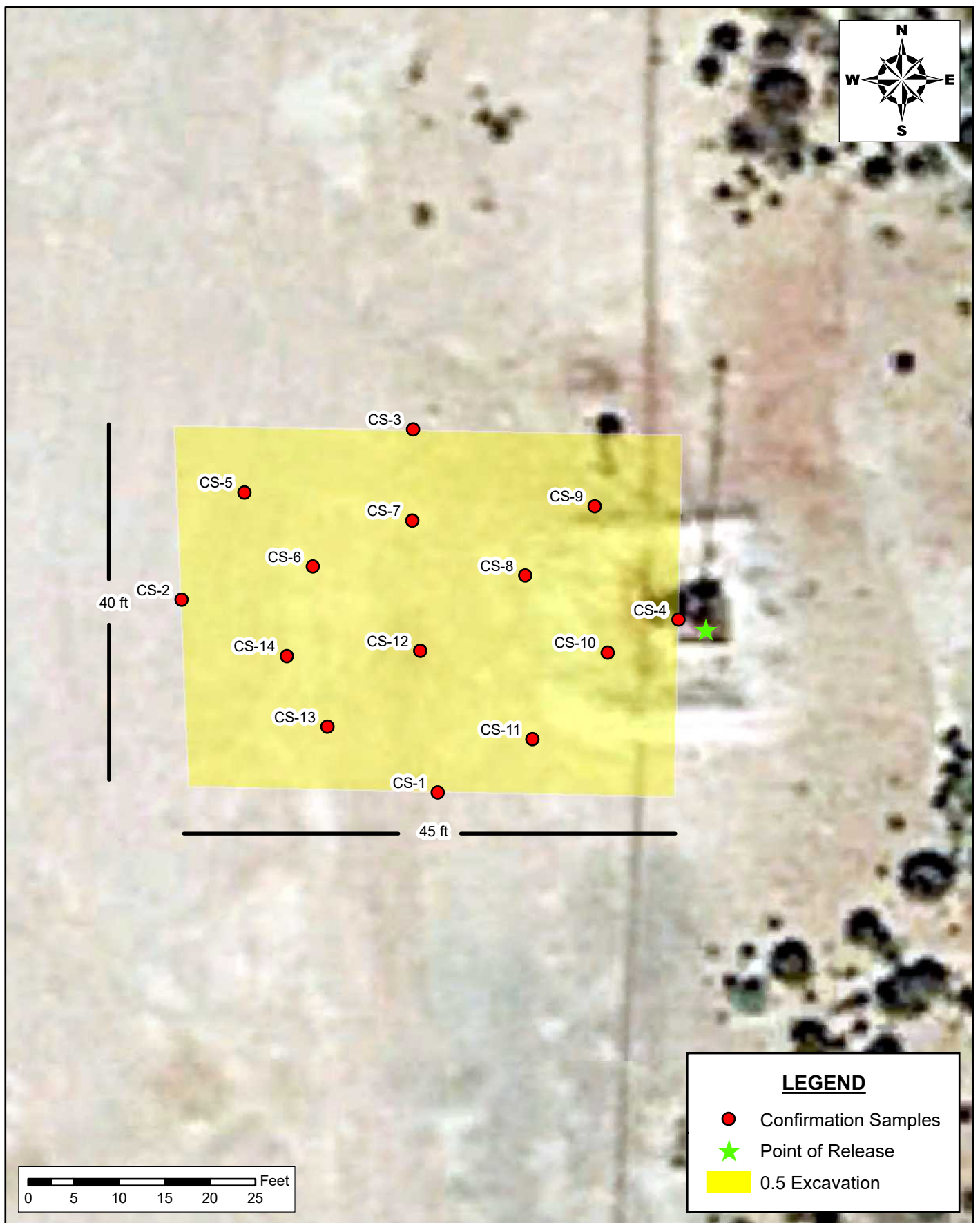
**FIGURE 2**

SHEET NUMBER:

**1 of 1**



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**LEGEND**

- Confirmation Samples
- ★ Point of Release
- 0.5 Excavation

**EXCAVATION DEPTH MAP**  
**CONCHO OPERATING LLC**  
 SEABISCUIT FED COM 002H and 004H CTB (05.14.21)  
 EDDY COUNTY, NEW MEXICO  
 32.225363, -103.733021

SCALE: As Shown

Date: 7/16/2021

PROJECT #: 214375



**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntglobal.com

**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

**FIGURE 3**

SHEET NUMBER:

**1 of 1**



## *Tables*

**Table 1**  
**Concho Operating, LLC**  
**Seabiscuit Federal Com 002H & 004H CTB (5.14.21**  
**Eddy County, New Mexico**

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
CS-1	7/9/2021	0.5	51.1	<50.0	<50.0	51.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	117
CS-2	7/9/2021	0.5	50.4	<49.8	<49.8	50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	138
CS-3	7/9/2021	0.5	55.3	<50.0	<50.0	55.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	116
CS-4	7/9/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	136
CS-5	7/9/2021	0.5	50.4	<49.8	<49.8	50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	175
CS-6	7/9/2021	0.5	54.6	<49.7	<49.7	54.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	130
CS-7	7/9/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	44.8
CS-8	7/9/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	50.1
CS-9	7/9/2021	0.5	61.1	<50.0	<50.0	61.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	45.8
CS-10	7/9/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	43.7
CS-11	7/9/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	42.2
CS-12	7/9/2021	0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	47.7
CS-13	7/9/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	41.6
CS-14	7/9/2021	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	40.5
<b>Regulatory Limits</b>							<b>100 mg/kg</b>	<b>10 mg/kg</b>			<b>50 mg/kg</b>	<b>600 mg/kg</b>

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



## *Photo Log*

**PHOTOGRAPHIC LOG****Concho Operating, LLC****Photograph No. 1****Facility:** Seabiscuit Federal Com 002H  
& 004H CTB (05.14.2021)**County:** Eddy County, New Mexico**Description:**

View Northeast, of areas of Confirmation Samples (1-14)





## *Appendix A*

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	NAPP2114835719
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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 type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release



Incident ID	NAPP2114835719
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input type="checkbox"/> 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*

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input 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:	
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: <u>Patricia Espinoza</u>	Date: _____
email: _____	Telephone: _____
<b><u>OCD Only</u></b>	
Received by: <u>Ramona Marcus</u>	Date: <u>5/28/2021</u>

NAPP2114835719

## \*\*\*\*\* LIQUID SPILLS - VOLUME CALCULATIONS \*\*\*\*\*

Location of spill: COG - Seabiscuit Federal Com 002H &amp; 004H CTB

Date of Spill: 14-May-2021

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: ☒

## Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0 BBL WATER: 0.0 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

## Total Area Calculations

## Standing Liquid Calculations

Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	100 ft	100 ft	X	0.05 in	100%	Rectangle Area #1	0 ft X	0 ft X	0 in 0%
Rectangle Area #2	0 ft X	0 0	X	0.00 in	0%	Rectangle Area #2	0 ft X	0 ft X	0 in 0%
Rectangle Area #3	0 ft X	0 ft X	X	0.00 in	0%	Rectangle Area #3	0 ft X	0 ft X	0 in 0%
Rectangle Area #4	0 ft X	0 ft X	X	0 in	0%	Rectangle Area #4	0 ft X	0 ft X	0 in 0%
Rectangle Area #5	0 ft X	0 ft X	X	0 in	0%	Rectangle Area #5	0 ft X	0 ft X	0 in 0%
Rectangle Area #6	0 ft X	0 ft X	X	0 in	0%	Rectangle Area #6	0 ft X	0 ft X	0 in 0%
Rectangle Area #7	0 ft X	0 ft X	X	0 in	0%	Rectangle Area #7	0 ft X	0 ft X	0 in 0%
Rectangle Area #8	0 ft X	0 ft X	X	2 in	0%	Rectangle Area #8	0 ft X	0 ft X	0 in 0%

okay

## production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD)

Total Hydrocarbon Content in gas: 0% (percentage)

Did leak occur before the separator?: ☒ YES ☒ N/A (place an "X")

H2S Content in Produced Gas: 0 PPM

H2S Content in Tank Vapors: 0 PPM

Amount of Free Liquid Recovered: 0 BBL okay

Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor \*: 0.14 gal per gal

Use the following when the spill wets the grains of the soil.

\* Sand = 0.08 gallon (gal.) liquid per gal. volume of soil.

\* Gravelly (caliche) loam = 0.14 gal. liquid per gal. volume of soil.

\* Sandy clay loam soil = 0.14 gal liquid per gal. volume of soil.

\* Clay loam = 0.16 gal. liquid per gal. volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

Occurs when the spill soaked soil is contained by barriers, natural (or not).

\* Clay loam = 0.20 gal. liquid per gal. volume of soil.

\* Gravelly (caliche) loam = 0.25 gal. liquid per gal. volume of soil.

\* Sandy loam = 0.5 gal. liquid per gal. volume of soil.

Total Solid/Liquid Volume: 10,000 sq. ft.

cu. ft.

42 cu. ft.

Total Free Liquid Volume:

sq. ft.

cu. ft.

cu. ft.

## Estimated Volumes Spilled

Liquid in Soil: 0.0 BBL H2O 1.0 BBL OIL  
Free Liquid: 0.0 BBL 0.0 BBL  
Totals: 0.0 BBL 1.0 BBL

Total Liquid Spill Liquid:

0.0 BBL

1.04 BBL

## Recovered Volumes

Estimated oil recovered: BBL check - okay  
Estimated water recovered: BBL check - okay

## Estimated Production Volumes Lost

Estimated Production Spilled: H2O 0.0 BBL OIL 0.0 BBL

## Estimated Surface Damage

Surface Area: 10,000 sq. ft.

Surface Area: .2296 acre

## Estimated Weights, and Volumes

Saturated Soil = 4,667 lbs 42 cu. ft. 2 cu. yds.  
Total Liquid = 1 BBL 44 gallon 363 lbs

## Air Emission from flowline leaks:

Volume of oil spill: - BBL  
Separator gas calculated: - MCF  
Separator gas released: - MCF  
Gas released from oil: - lb  
H2S released: - lb  
Total HC gas released: - lb  
Total HC gas released: - MCF

## Air Emission of Reporting Requirements:

New Mexico Texas  
HC gas release reportable? NO NO  
H2S release reportable? NO NO

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 29903

**CONDITIONS**

Operator:  COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:  229137
	Action Number:  29903
	Action Type:  [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
marcus	The submitted C-141 is accepted with the following condition(s): The lateral and longitudinal information does not match the ULSTR regarding the release location. Please correct the conflicting information and report back to OCD. According to the OCD Environmental Map, the lateral and longitudinal information is resulting in ULSTR: N-12-24S-31E.	5/28/2021

Incident ID	
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input 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.

### **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

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: Jacqueline Morris Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ 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

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: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: Jacques Morris Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



## *Appendix B*



# Nearest water well

Concho Operating, LLC

Legend

- 0.50 Miles Radius
- 1.74 Miles
- 1.87 Miles
- 1.88 Miles
- 2.93 Miles
- NMSEO Water Well
- Seabiscuit Fed Com 002H & 004H CTB (05.14.2021)
- USGS Water Well

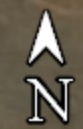
205' - Drilled 1995

160' - Drilled 1994

437.47' - Drilled 2013

Seabiscuit Fed Com 002H & 004H CTB (05.14.2021)

868' - Drilled 2020



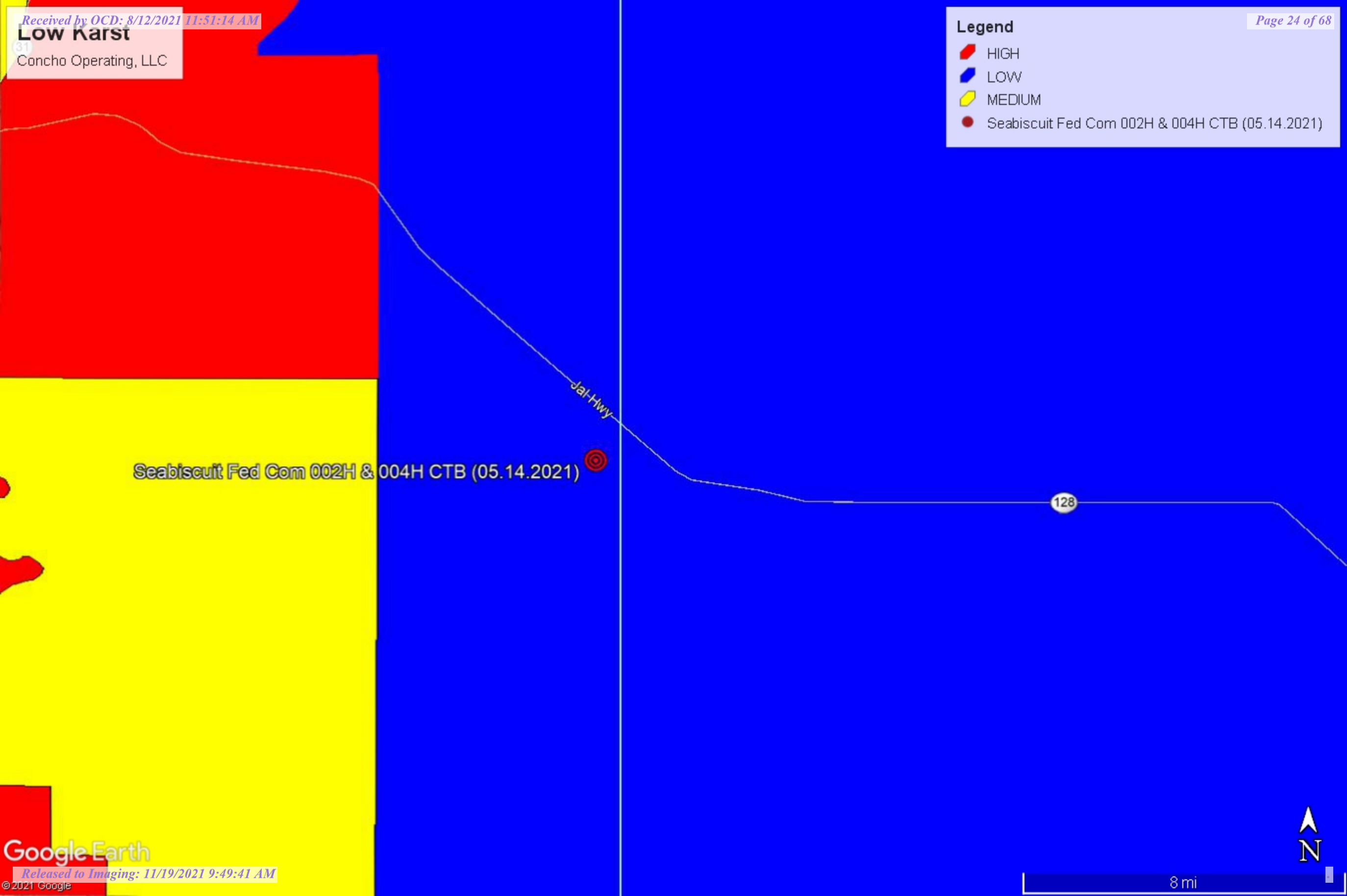


**Low Karst**

Concho Operating, LLC

**Legend**

- HIGH
- LOW
- MEDIUM
- Seabiscuit Fed Com 002H & 004H CTB (05.14.2021)





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
<a href="#">C 02405</a>	CUB	ED		4	1	02	24S	31E		617690	3568631*	275	160	115
<a href="#">C 02440</a>	C	ED		2	3	10	24S	31E		616103	3566599*	350		
<a href="#">C 02460</a>	C	ED			3	02	24S	31E		617496	3568022*	320		
<a href="#">C 02460 POD2</a>	C	ED			3	02	24S	31E		617496	3568022*	320		
<a href="#">C 02464</a>	C	ED		2	3	1	02	24S	31E	617645	3568581	320	205	115
<a href="#">C 02661</a>	CUB	ED		3	3	1	04	24S	31E	613969	3568485*	708		
<a href="#">C 02783</a>	CUB	ED		3	3	1	04	24S	31E	613911	3568461	708		
<a href="#">C 02783 POD2</a>	CUB	ED		3	3	1	04	24S	31E	613911	3568461	672		
<a href="#">C 02784</a>	C	ED		4	2	4	04	24S	31E	613911	3568461	584		
<a href="#">C 02785</a>	CUB	ED		3	3	1	04	24S	31E	613969	3568485*	692		
<a href="#">C 04388 POD1</a>	C	ED		3	2	1	23	24S	31E	617546	3564006	910	868	42
<a href="#">C 04499 POD1</a>	CUB	ED		3	4	2	20	24S	31E	613719	3563732	111		
<a href="#">C 04508 POD1</a>	CUB	ED		4	4	3	15	24S	31E	616298	3564493	110		

Average Depth to Water: **411 feet**

Minimum Depth: **160 feet**

Maximum Depth: **868 feet**

Record Count: 13

PLSS Search:

Township: 24S

Range: 31E

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/6/21 3:45 PM


Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
22333	C 04388 POD1	3	2	1	23	24S	31E	617546	3564006 
x									
Driller License:		1058		Driller Company:		KEY'S DRILLING & PUMP SERVICE			
Driller Name:		KEY, GARYR.S AICHARDDENAS							
Drill Start Date:		12/18/2019		Drill Finish Date:		02/22/2020		Plug Date:	
Log File Date:		02/27/2020		PCW Rcv Date:				Source: Artesian	
Pump Type:				Pipe Discharge Size:				Estimated Yield: 60 GPM	
Casing Size:		4.50		Depth Well:		910 feet		Depth Water: 868 feet	
x									
Water Bearing Stratifications:				Top	Bottom	Description			
				866	868	Limestone/Dolomite/Chalk			
x									
Casing Perforations:				Top	Bottom				
				850	910				
x									

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
C	02464	2	3	1	02	24S	31E	617645	3568581

Driller License: 421

Driller Company: GLENN'S WATER WELL SERVICE

Driller Name: GLENN, CLARK A."CORKY" (LD)

Drill Start Date: 08/24/1995

Drill Finish Date: 08/24/1995

Plug Date:

Log File Date: 09/07/1995

PCW Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 12 GPM

Casing Size: 6.63

Depth Well: 320 feet

Depth Water: 205 feet

Water Bearing Stratifications:	Top	Bottom	Description
	220	230	Sandstone/Gravel/Conglomerate
	230	245	Shale/Mudstone/Siltstone
	250	282	Shale/Mudstone/Siltstone

Casing Perforations:	Top	Bottom
	208	320

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
C	02405	4	1	02	24S 31E	617690	3568631*

x

**Driller License:** 1184      **Driller Company:** WEST TEXAS WATER WELL SERVICE

**Driller Name:** COLLIS, ROBERT E.

<b>Drill Start Date:</b> 09/29/1994	<b>Drill Finish Date:</b> 09/30/1994	<b>Plug Date:</b>
<b>Log File Date:</b> 12/05/1994	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 75 GPM
<b>Casing Size:</b> 6.63	<b>Depth Well:</b> 275 feet	<b>Depth Water:</b> 160 feet

x

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	210	270	Sandstone/Gravel/Conglomerate

x

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	235	275

x

<b>Meter Number:</b> 5381	<b>Meter Make:</b> ROCKWELL
<b>Meter Serial Number:</b> 37125202	<b>Meter Multiplier:</b> 10.0000
<b>Number of Dials:</b> 6	<b>Meter Type:</b> Diversion
<b>Unit of Measure:</b> Gallons	<b>Return Flow Percent:</b>
<b>Usage Multiplier:</b>	<b>Reading Frequency:</b> Quarterly

### Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
03/27/2002	2002	14202	A	RPT		0
04/05/2002	2002	0	A	RPT		0
10/06/2002	2002	2	A	RPT		2.160
01/01/2003	2002	4	A	RPT		2.016
03/01/2003	2003	5	A	RPT		0.574
03/20/2003	2003	5	A	RPT		0.263
03/20/2003	2003	184139	A	RPT		0
06/01/2003	2003	255705	A	ab		2.196
12/01/2003	2003	406731	A	RPT		4.635
01/01/2004	2003	476606	A	TW		2.144
05/03/2004	2004	501326	A	TW		0.759
08/11/2004	2004	547915	A	RPT		1.430
04/27/2005	2005	704459	A	RPT		4.804
12/29/2005	2005	23476	R	TW	Meter Rollover	9.790

x

<b>**YTD Meter Amounts:</b>	<b>Year</b>	<b>Amount</b>
	2002	4.176
	2003	9.812
	2004	2.189
	2005	14.594

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/6/21 3:45 PM

POINT OF DIVERSION SUMMARY





USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

\* IMPORTANT: [Next Generation Station Page](#)

### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

- 321421103464901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 321421103464901 24S.31E.04.433422

Eddy County, New Mexico

Latitude 32°14'23.7", Longitude 103°46'47.8" NAD83

Land-surface elevation 3,419.00 feet above NGVD29

The depth of the well is 627 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1959-03-13			D 62610		2994.40	NGVD29	1	Z		
1959-03-13			D 62611		2996.11	NAVD88	1	Z		
1959-03-13			D 72019	424.60			1	Z		
2013-01-17	00:30 UTC		m 62610		2981.53	NGVD29	3	S	USGS	
2013-01-17	00:30 UTC		m 62611		2983.24	NAVD88	3	S	USGS	
2013-01-17	00:30 UTC		m 72019	437.47			3	S	USGS	

#### Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet

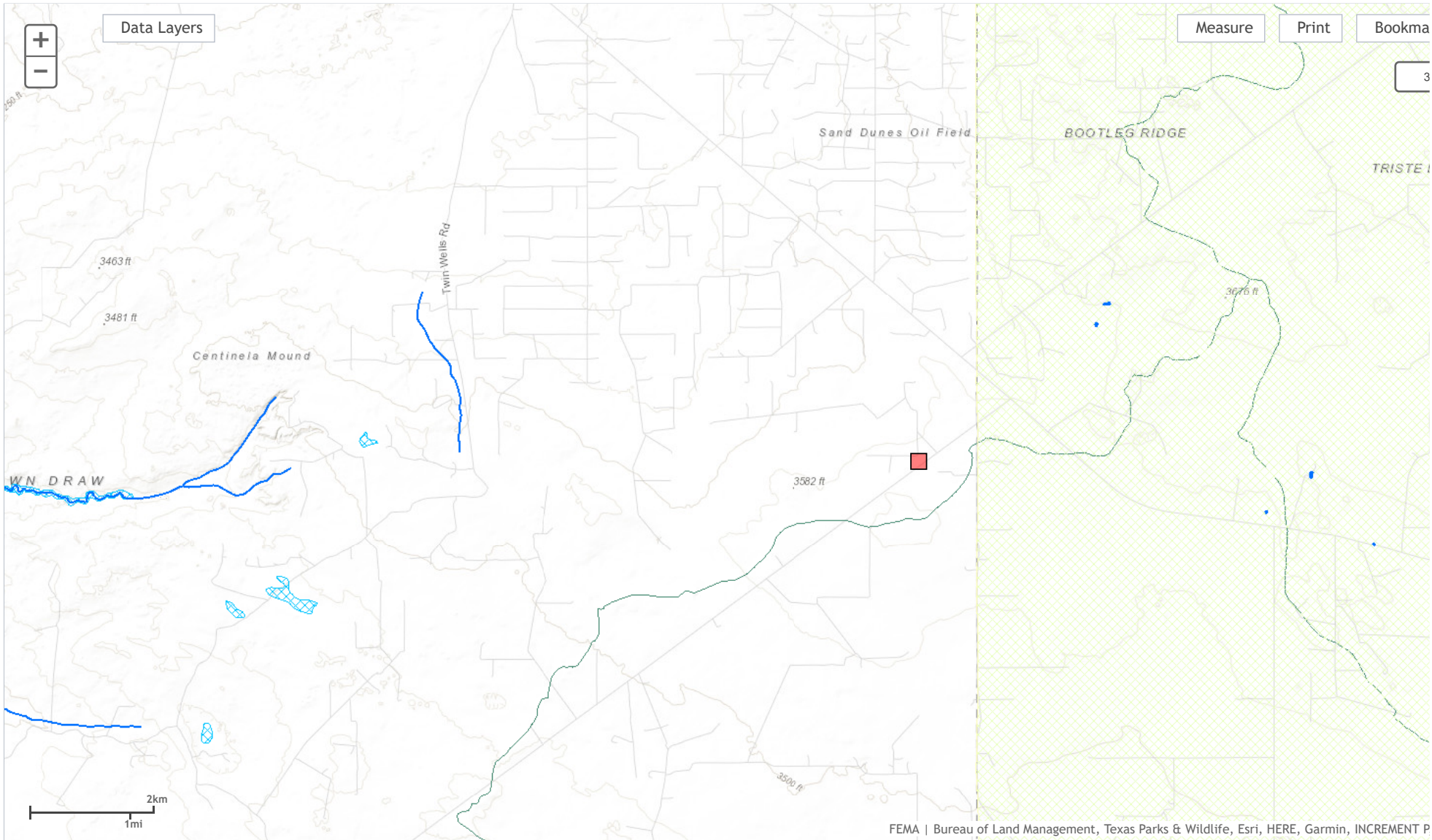
Section	Code	Description
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	True value is above reported value due to local conditions
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)[Feedback on this web site](#)[Automated retrievals](#)[Help](#)[Data Tips](#)[Explanation of terms](#)[Subscribe for system changes](#)[News](#)[Accessibility](#)[FOIA](#)[Privacy](#)[Policies and Notices](#)[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)**Title: Groundwater for New Mexico: Water Levels****URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2021-07-06 17:39:49 EDT

0.29 0.26 nadww02

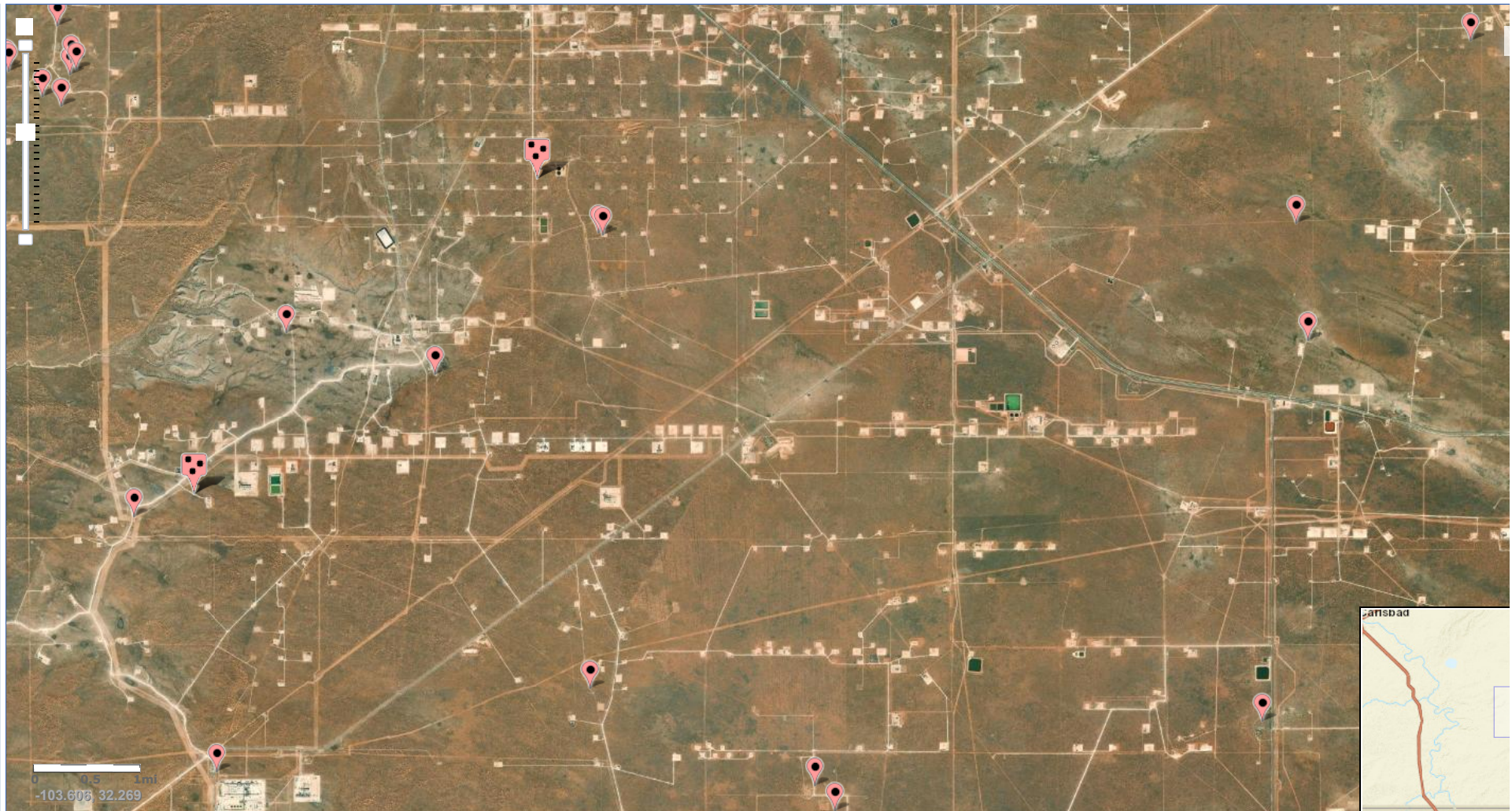
Please select a county ▼







National Water Information System: Mapper



Site Information



## *Appendix C*



## Environment Testing America

### ANALYTICAL REPORT

Eurofins Xenco, Midland  
1211 W. Florida Ave  
Midland, TX 79701  
Tel: (432)704-5440

Laboratory Job ID: 880-3888-1

Laboratory Sample Delivery Group: Eddy Co, NM  
Client Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)  
Revision: 1

**For:**

NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706

Attn: Mike Carmona

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:  
7/20/2021 2:44:01 PM

Jessica Kramer, Project Manager  
(432)704-5440  
[jessica.kramer@eurofinset.com](mailto:jessica.kramer@eurofinset.com)

#### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?



Visit us at:

[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Laboratory Job ID: 880-3888-1  
SDG: Eddy Co, NM

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## Definitions/Glossary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Xenco, Midland

## Case Narrative

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

**Job ID: 880-3888-1**

**Laboratory: Eurofins Xenco, Midland**

### Narrative

**Job Narrative**  
**880-3888-1**

### REVISION

The report being provided is a revision of the original report sent on 7/15/2021. The report (revision 0) is being revised due to .

#### **Receipt**

The samples were received on 7/12/2021 9:06 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.9°C

#### **GC VOA**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **GC Semi VOA**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **HPLC/IC**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

Client Sample ID: CS-1

Lab Sample ID: 880-3888-1

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 18:56	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		07/12/21 09:28	07/13/21 18:56	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		07/12/21 09:28	07/13/21 18:56	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		07/12/21 09:28	07/13/21 18:56	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		07/12/21 09:28	07/13/21 18:56	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		07/12/21 09:28	07/13/21 18:56	1
Total BTEX	<0.00398	U F1	0.00398		mg/Kg		07/12/21 09:28	07/13/21 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	07/12/21 09:28	07/13/21 18:56	1
1,4-Difluorobenzene (Surr)	92		70 - 130	07/12/21 09:28	07/13/21 18:56	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 21:18	1
Diesel Range Organics (Over C10-C28)	51.1		50.0		mg/Kg		07/12/21 10:12	07/12/21 21:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 21:18	1
Total TPH	51.1		50.0		mg/Kg		07/12/21 10:12	07/12/21 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	07/12/21 10:12	07/12/21 21:18	1
o-Terphenyl	123		70 - 130	07/12/21 10:12	07/12/21 21:18	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		5.04		mg/Kg			07/13/21 16:29	1

Client Sample ID: CS-2

Lab Sample ID: 880-3888-2

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 19:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 19:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 19:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 19:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 19:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 19:16	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	07/12/21 09:28	07/13/21 19:16	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/12/21 09:28	07/13/21 19:16	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/12/21 10:12	07/12/21 22:21	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Client Sample ID: CS-2

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-2

Matrix: Solid

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	50.4		49.8		mg/Kg		07/12/21 10:12	07/12/21 22:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/12/21 10:12	07/12/21 22:21	1
Total TPH	50.4		49.8		mg/Kg		07/12/21 10:12	07/12/21 22:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/12/21 10:12	07/12/21 22:21	1
o-Terphenyl	111		70 - 130				07/12/21 10:12	07/12/21 22:21	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		4.99		mg/Kg			07/13/21 16:45	1

## Client Sample ID: CS-3

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-3

Matrix: Solid

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 19:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 19:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 19:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 19:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 19:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 19:36	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				07/12/21 09:28	07/13/21 19:36	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/12/21 09:28	07/13/21 19:36	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 22:42	1
Diesel Range Organics (Over C10-C28)	55.3		50.0		mg/Kg		07/12/21 10:12	07/12/21 22:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 22:42	1
Total TPH	55.3		50.0		mg/Kg		07/12/21 10:12	07/12/21 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				07/12/21 10:12	07/12/21 22:42	1
o-Terphenyl	114		70 - 130				07/12/21 10:12	07/12/21 22:42	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		4.96		mg/Kg			07/13/21 16:51	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

Client Sample ID: CS-4

Lab Sample ID: 880-3888-4

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 19:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 19:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 19:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/13/21 19:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 19:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/13/21 19:57	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/13/21 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	07/12/21 09:28	07/13/21 19:57	1
1,4-Difluorobenzene (Surr)	90		70 - 130	07/12/21 09:28	07/13/21 19:57	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 23:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 23:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 23:03	1
Total TPH	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	07/12/21 10:12	07/12/21 23:03	1
o-Terphenyl	109		70 - 130	07/12/21 10:12	07/12/21 23:03	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		4.96		mg/Kg			07/13/21 16:56	1

Client Sample ID: CS-5

Lab Sample ID: 880-3888-5

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/12/21 09:28	07/13/21 20:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/12/21 09:28	07/13/21 20:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/12/21 09:28	07/13/21 20:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/12/21 09:28	07/13/21 20:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/12/21 09:28	07/13/21 20:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/12/21 09:28	07/13/21 20:17	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		07/12/21 09:28	07/13/21 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	07/12/21 09:28	07/13/21 20:17	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/12/21 09:28	07/13/21 20:17	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/12/21 10:12	07/12/21 23:24	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Client Sample ID: CS-5

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-5

Matrix: Solid

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	50.4		49.8		mg/Kg		07/12/21 10:12	07/12/21 23:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/12/21 10:12	07/12/21 23:24	1
Total TPH	50.4		49.8		mg/Kg		07/12/21 10:12	07/12/21 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/12/21 10:12	07/12/21 23:24	1
o-Terphenyl	109		70 - 130				07/12/21 10:12	07/12/21 23:24	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		4.99		mg/Kg			07/13/21 17:02	1

## Client Sample ID: CS-6

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-6

Matrix: Solid

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/12/21 09:28	07/13/21 20:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/12/21 09:28	07/13/21 20:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/12/21 09:28	07/13/21 20:38	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/12/21 09:28	07/13/21 20:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/12/21 09:28	07/13/21 20:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/12/21 09:28	07/13/21 20:38	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/12/21 09:28	07/13/21 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				07/12/21 09:28	07/13/21 20:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130				07/12/21 09:28	07/13/21 20:38	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/12/21 10:12	07/12/21 23:45	1
Diesel Range Organics (Over C10-C28)	54.6		49.7		mg/Kg		07/12/21 10:12	07/12/21 23:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/12/21 10:12	07/12/21 23:45	1
Total TPH	54.6		49.7		mg/Kg		07/12/21 10:12	07/12/21 23:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				07/12/21 10:12	07/12/21 23:45	1
o-Terphenyl	106		70 - 130				07/12/21 10:12	07/12/21 23:45	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.05		mg/Kg			07/13/21 17:18	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

Client Sample ID: CS-7

Lab Sample ID: 880-3888-7

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 20:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 20:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 20:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 20:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 20:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 20:58	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	07/12/21 09:28	07/13/21 20:58	1
1,4-Difluorobenzene (Surr)	96		70 - 130	07/12/21 09:28	07/13/21 20:58	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 00:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 00:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 00:06	1
Total TPH	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	07/12/21 10:12	07/13/21 00:06	1
o-Terphenyl	106		70 - 130	07/12/21 10:12	07/13/21 00:06	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.8		5.03		mg/Kg			07/13/21 17:24	1

Client Sample ID: CS-8

Lab Sample ID: 880-3888-8

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 21:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 21:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 21:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 21:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/12/21 09:28	07/13/21 21:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 21:18	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/12/21 09:28	07/13/21 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	07/12/21 09:28	07/13/21 21:18	1
1,4-Difluorobenzene (Surr)	91		70 - 130	07/12/21 09:28	07/13/21 21:18	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 00:27	1

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## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Client Sample ID: CS-8

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-8

Matrix: Solid

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 00:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 00:27	1
Total TPH	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				07/12/21 10:12	07/13/21 00:27	1
o-Terphenyl	96		70 - 130				07/12/21 10:12	07/13/21 00:27	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.1		5.02		mg/Kg			07/13/21 17:29	1

## Client Sample ID: CS-9

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-9

Matrix: Solid

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 23:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 23:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 23:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 23:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 23:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 23:20	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				07/12/21 09:28	07/13/21 23:20	1
1,4-Difluorobenzene (Surr)	94		70 - 130				07/12/21 09:28	07/13/21 23:20	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 00:48	1
Diesel Range Organics (Over C10-C28)	61.1		50.0		mg/Kg		07/12/21 10:12	07/13/21 00:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 00:48	1
Total TPH	61.1		50.0		mg/Kg		07/12/21 10:12	07/13/21 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/12/21 10:12	07/13/21 00:48	1
o-Terphenyl	99		70 - 130				07/12/21 10:12	07/13/21 00:48	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.8		5.00		mg/Kg			07/13/21 17:35	1

Eurofins Xenco, Midland



## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

Client Sample ID: CS-10

Lab Sample ID: 880-3888-10

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 23:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 23:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 23:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 23:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 23:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 23:40	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/12/21 09:28	07/13/21 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	07/12/21 09:28	07/13/21 23:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130	07/12/21 09:28	07/13/21 23:40	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 01:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 01:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 01:09	1
Total TPH	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	07/12/21 10:12	07/13/21 01:09	1
o-Terphenyl	100		70 - 130	07/12/21 10:12	07/13/21 01:09	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.7		4.98		mg/Kg			07/13/21 17:40	1

Client Sample ID: CS-11

Lab Sample ID: 880-3888-11

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 00:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 00:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 00:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/14/21 00:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 00:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/14/21 00:01	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/14/21 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	07/12/21 09:28	07/14/21 00:01	1
1,4-Difluorobenzene (Surr)	93		70 - 130	07/12/21 09:28	07/14/21 00:01	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 01:52	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Client Sample ID: CS-11

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-11

Matrix: Solid

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 01:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 01:52	1
Total TPH	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				07/12/21 10:12	07/13/21 01:52	1
o-Terphenyl	103		70 - 130				07/12/21 10:12	07/13/21 01:52	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.2		4.95		mg/Kg			07/13/21 17:46	1

## Client Sample ID: CS-12

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-12

Matrix: Solid

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/12/21 09:28	07/14/21 00:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/12/21 09:28	07/14/21 00:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/12/21 09:28	07/14/21 00:21	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/12/21 09:28	07/14/21 00:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/12/21 09:28	07/14/21 00:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/12/21 09:28	07/14/21 00:21	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/12/21 09:28	07/14/21 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				07/12/21 09:28	07/14/21 00:21	1
1,4-Difluorobenzene (Surr)	93		70 - 130				07/12/21 09:28	07/14/21 00:21	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 02:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 02:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 02:13	1
Total TPH	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/13/21 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				07/12/21 10:12	07/13/21 02:13	1
o-Terphenyl	96		70 - 130				07/12/21 10:12	07/13/21 02:13	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.7		5.01		mg/Kg			07/13/21 18:02	1

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## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

Client Sample ID: CS-13

Lab Sample ID: 880-3888-13

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 00:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 00:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 00:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/12/21 09:28	07/14/21 00:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 00:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/12/21 09:28	07/14/21 00:42	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/12/21 09:28	07/14/21 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	07/12/21 09:28	07/14/21 00:42	1
1,4-Difluorobenzene (Surr)	90		70 - 130	07/12/21 09:28	07/14/21 00:42	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 02:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 02:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 02:33	1
Total TPH	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	07/12/21 10:12	07/13/21 02:33	1
o-Terphenyl	95		70 - 130	07/12/21 10:12	07/13/21 02:33	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.6		5.04		mg/Kg			07/13/21 18:08	1

Client Sample ID: CS-14

Lab Sample ID: 880-3888-14

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 01:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 01:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/12/21 09:28	07/14/21 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/14/21 01:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/12/21 09:28	07/14/21 01:02	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/12/21 09:28	07/14/21 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	07/12/21 09:28	07/14/21 01:02	1
1,4-Difluorobenzene (Surr)	93		70 - 130	07/12/21 09:28	07/14/21 01:02	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 02:55	1

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## Client Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

Client Sample ID: CS-14

Lab Sample ID: 880-3888-14

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 02:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 02:55	1
Total TPH	<49.9	U	49.9		mg/Kg		07/12/21 10:12	07/13/21 02:55	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				07/12/21 10:12	07/13/21 02:55	1
o-Terphenyl	100		70 - 130				07/12/21 10:12	07/13/21 02:55	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.5		5.03		mg/Kg			07/13/21 18:24	1

Eurofins Xenco, Midland

# Surrogate Summary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-3888-1	CS-1	92	92
880-3888-1 MS	CS-1	98	103
880-3888-1 MSD	CS-1	104	103
880-3888-2	CS-2	83	91
880-3888-3	CS-3	89	94
880-3888-4	CS-4	92	90
880-3888-5	CS-5	93	91
880-3888-6	CS-6	91	95
880-3888-7	CS-7	94	96
880-3888-8	CS-8	84	91
880-3888-9	CS-9	108	94
880-3888-10	CS-10	108	96
880-3888-11	CS-11	102	93
880-3888-12	CS-12	105	93
880-3888-13	CS-13	100	90
880-3888-14	CS-14	94	93
LCS 880-5070/1-A	Lab Control Sample	103	106
LCSD 880-5070/2-A	Lab Control Sample Dup	106	113
MB 880-5070/5-A	Method Blank	99	85

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-3888-1	CS-1	111	123
880-3888-1 MS	CS-1	91	92
880-3888-1 MSD	CS-1	90	91
880-3888-2	CS-2	100	111
880-3888-3	CS-3	106	114
880-3888-4	CS-4	97	109
880-3888-5	CS-5	98	109
880-3888-6	CS-6	98	106
880-3888-7	CS-7	100	106
880-3888-8	CS-8	92	96
880-3888-9	CS-9	94	99
880-3888-10	CS-10	94	100
880-3888-11	CS-11	99	103
880-3888-12	CS-12	90	96
880-3888-13	CS-13	90	95
880-3888-14	CS-14	94	100
LCS 880-5077/2-A	Lab Control Sample	93	99
LCSD 880-5077/3-A	Lab Control Sample Dup	83	88
MB 880-5077/1-A	Method Blank	93	105

### Surrogate Legend

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## Surrogate Summary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)  
1CO = 1-Chlorooctane  
OTPH = o-Terphenyl

Job ID: 880-3888-1  
SDG: Eddy Co, NM

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## QC Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5070/5-A

Matrix: Solid

Analysis Batch: 5115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 18:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 18:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 18:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/13/21 18:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/12/21 09:28	07/13/21 18:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/13/21 18:34	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/12/21 09:28	07/13/21 18:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	07/12/21 09:28	07/13/21 18:34	1
1,4-Difluorobenzene (Surr)	85		70 - 130	07/12/21 09:28	07/13/21 18:34	1

Lab Sample ID: LCS 880-5070/1-A

Matrix: Solid

Analysis Batch: 5115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09106		mg/Kg		91	70 - 130
Toluene	0.100	0.08276		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08435		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1727		mg/Kg		86	70 - 130
o-Xylene	0.100	0.08633		mg/Kg		86	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-5070/2-A

Matrix: Solid

Analysis Batch: 5115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5070

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09696		mg/Kg		97	70 - 130	6	35
Toluene	0.100	0.08991		mg/Kg		90	70 - 130	8	35
Ethylbenzene	0.100	0.09050		mg/Kg		91	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1854		mg/Kg		93	70 - 130	7	35
o-Xylene	0.100	0.09226		mg/Kg		92	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-3888-1 MS

Matrix: Solid

Analysis Batch: 5115

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 5070

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0996	0.07722		mg/Kg		78	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-3888-1 MS

Matrix: Solid

Analysis Batch: 5115

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 5070

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00199	U F1	0.0996	0.06662	F1	mg/Kg		67	70 - 130
Ethylbenzene	<0.00199	U F1	0.0996	0.06217	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1230	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00199	U F1	0.0996	0.06445	F1	mg/Kg		65	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-3888-1 MSD

Matrix: Solid

Analysis Batch: 5115

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 5070

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.08187		mg/Kg		82	70 - 130	6	35
Toluene	<0.00199	U F1	0.100	0.06925	F1	mg/Kg		69	70 - 130	4	35
Ethylbenzene	<0.00199	U F1	0.100	0.06653	F1	mg/Kg		67	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1329	F1	mg/Kg		66	70 - 130	8	35
o-Xylene	<0.00199	U F1	0.100	0.07157		mg/Kg		72	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-5077/1-A

Matrix: Solid

Analysis Batch: 5065

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5077

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 20:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 20:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 20:16	1
Total TPH	<50.0	U	50.0		mg/Kg		07/12/21 10:12	07/12/21 20:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	07/12/21 10:12	07/12/21 20:16	1
o-Terphenyl	105		70 - 130	07/12/21 10:12	07/12/21 20:16	1

Lab Sample ID: LCS 880-5077/2-A

Matrix: Solid

Analysis Batch: 5065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5077

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1006		mg/Kg		101	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-5077/2-A

Matrix: Solid

Analysis Batch: 5065

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5077

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
			Added	Result	Qualifier			Limits		
Diesel Range Organics (Over C10-C28)			1000	1179		mg/Kg		118	70 - 130	
Surrogate	LCS	LCS								
	%Recovery	Qualifier	Limits							
1-Chlorooctane	93		70 - 130							
o-Terphenyl	99		70 - 130							

Lab Sample ID: LCSD 880-5077/3-A

Matrix: Solid

Analysis Batch: 5065

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5077

Top Bottom 0000											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	971.0		mg/Kg	-	97	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1008		mg/Kg		101	70 - 130	16	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: 880-3888-1 MS

Matrix: Solid

Analysis Batch: 5065

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 5077

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	793.6		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)	51.1		996	825.5		mg/Kg		78	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	92		70 - 130								

Lab Sample ID: 880-3888-1 MSD

Matrix: Solid

Analysis Batch: 5065

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 5077

Top Bottom											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	808.4		mg/Kg		81	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	51.1		996	821.9		mg/Kg		77	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	91		70 - 130								

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## QC Sample Results

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-5084/1-A

Matrix: Solid

Analysis Batch: 5129

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/13/21 16:12	1

Lab Sample ID: LCS 880-5084/2-A

Matrix: Solid

Analysis Batch: 5129

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	259.4		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-5084/3-A

Matrix: Solid

Analysis Batch: 5129

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	259.1		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-3888-1 MS

Matrix: Solid

Analysis Batch: 5129

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	117		252	380.7		mg/Kg		105	90 - 110

Lab Sample ID: 880-3888-1 MSD

Matrix: Solid

Analysis Batch: 5129

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	117		252	380.6		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-3888-11 MS

Matrix: Solid

Analysis Batch: 5129

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	42.2		248	304.3		mg/Kg		106	90 - 110

Lab Sample ID: 880-3888-11 MSD

Matrix: Solid

Analysis Batch: 5129

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	42.2		248	304.6		mg/Kg		106	90 - 110	0	20

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## QC Association Summary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## GC VOA

## Prep Batch: 5070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3888-1	CS-1	Total/NA	Solid	5035	
880-3888-2	CS-2	Total/NA	Solid	5035	
880-3888-3	CS-3	Total/NA	Solid	5035	
880-3888-4	CS-4	Total/NA	Solid	5035	
880-3888-5	CS-5	Total/NA	Solid	5035	
880-3888-6	CS-6	Total/NA	Solid	5035	
880-3888-7	CS-7	Total/NA	Solid	5035	
880-3888-8	CS-8	Total/NA	Solid	5035	
880-3888-9	CS-9	Total/NA	Solid	5035	
880-3888-10	CS-10	Total/NA	Solid	5035	
880-3888-11	CS-11	Total/NA	Solid	5035	
880-3888-12	CS-12	Total/NA	Solid	5035	
880-3888-13	CS-13	Total/NA	Solid	5035	
880-3888-14	CS-14	Total/NA	Solid	5035	
MB 880-5070/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5070/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5070/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-3888-1 MS	CS-1	Total/NA	Solid	5035	
880-3888-1 MSD	CS-1	Total/NA	Solid	5035	

## Analysis Batch: 5115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3888-1	CS-1	Total/NA	Solid	8021B	5070
880-3888-2	CS-2	Total/NA	Solid	8021B	5070
880-3888-3	CS-3	Total/NA	Solid	8021B	5070
880-3888-4	CS-4	Total/NA	Solid	8021B	5070
880-3888-5	CS-5	Total/NA	Solid	8021B	5070
880-3888-6	CS-6	Total/NA	Solid	8021B	5070
880-3888-7	CS-7	Total/NA	Solid	8021B	5070
880-3888-8	CS-8	Total/NA	Solid	8021B	5070
880-3888-9	CS-9	Total/NA	Solid	8021B	5070
880-3888-10	CS-10	Total/NA	Solid	8021B	5070
880-3888-11	CS-11	Total/NA	Solid	8021B	5070
880-3888-12	CS-12	Total/NA	Solid	8021B	5070
880-3888-13	CS-13	Total/NA	Solid	8021B	5070
880-3888-14	CS-14	Total/NA	Solid	8021B	5070
MB 880-5070/5-A	Method Blank	Total/NA	Solid	8021B	5070
LCS 880-5070/1-A	Lab Control Sample	Total/NA	Solid	8021B	5070
LCSD 880-5070/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5070
880-3888-1 MS	CS-1	Total/NA	Solid	8021B	5070
880-3888-1 MSD	CS-1	Total/NA	Solid	8021B	5070

## GC Semi VOA

## Analysis Batch: 5065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3888-1	CS-1	Total/NA	Solid	8015B NM	5077
880-3888-2	CS-2	Total/NA	Solid	8015B NM	5077
880-3888-3	CS-3	Total/NA	Solid	8015B NM	5077
880-3888-4	CS-4	Total/NA	Solid	8015B NM	5077
880-3888-5	CS-5	Total/NA	Solid	8015B NM	5077

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## QC Association Summary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## GC Semi VOA (Continued)

## Analysis Batch: 5065 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3888-6	CS-6	Total/NA	Solid	8015B NM	5077
880-3888-7	CS-7	Total/NA	Solid	8015B NM	5077
880-3888-8	CS-8	Total/NA	Solid	8015B NM	5077
880-3888-9	CS-9	Total/NA	Solid	8015B NM	5077
880-3888-10	CS-10	Total/NA	Solid	8015B NM	5077
880-3888-11	CS-11	Total/NA	Solid	8015B NM	5077
880-3888-12	CS-12	Total/NA	Solid	8015B NM	5077
880-3888-13	CS-13	Total/NA	Solid	8015B NM	5077
880-3888-14	CS-14	Total/NA	Solid	8015B NM	5077
MB 880-5077/1-A	Method Blank	Total/NA	Solid	8015B NM	5077
LCS 880-5077/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5077
LCSD 880-5077/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5077
880-3888-1 MS	CS-1	Total/NA	Solid	8015B NM	5077
880-3888-1 MSD	CS-1	Total/NA	Solid	8015B NM	5077

## Prep Batch: 5077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3888-1	CS-1	Total/NA	Solid	8015NM Prep	
880-3888-2	CS-2	Total/NA	Solid	8015NM Prep	
880-3888-3	CS-3	Total/NA	Solid	8015NM Prep	
880-3888-4	CS-4	Total/NA	Solid	8015NM Prep	
880-3888-5	CS-5	Total/NA	Solid	8015NM Prep	
880-3888-6	CS-6	Total/NA	Solid	8015NM Prep	
880-3888-7	CS-7	Total/NA	Solid	8015NM Prep	
880-3888-8	CS-8	Total/NA	Solid	8015NM Prep	
880-3888-9	CS-9	Total/NA	Solid	8015NM Prep	
880-3888-10	CS-10	Total/NA	Solid	8015NM Prep	
880-3888-11	CS-11	Total/NA	Solid	8015NM Prep	
880-3888-12	CS-12	Total/NA	Solid	8015NM Prep	
880-3888-13	CS-13	Total/NA	Solid	8015NM Prep	
880-3888-14	CS-14	Total/NA	Solid	8015NM Prep	
MB 880-5077/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5077/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5077/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-3888-1 MS	CS-1	Total/NA	Solid	8015NM Prep	
880-3888-1 MSD	CS-1	Total/NA	Solid	8015NM Prep	

## HPLC/IC

## Leach Batch: 5084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3888-1	CS-1	Soluble	Solid	DI Leach	
880-3888-2	CS-2	Soluble	Solid	DI Leach	
880-3888-3	CS-3	Soluble	Solid	DI Leach	
880-3888-4	CS-4	Soluble	Solid	DI Leach	
880-3888-5	CS-5	Soluble	Solid	DI Leach	
880-3888-6	CS-6	Soluble	Solid	DI Leach	
880-3888-7	CS-7	Soluble	Solid	DI Leach	
880-3888-8	CS-8	Soluble	Solid	DI Leach	
880-3888-9	CS-9	Soluble	Solid	DI Leach	
880-3888-10	CS-10	Soluble	Solid	DI Leach	

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## QC Association Summary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## HPLC/IC (Continued)

## Leach Batch: 5084 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3888-11	CS-11	Soluble	Solid	DI Leach	
880-3888-12	CS-12	Soluble	Solid	DI Leach	
880-3888-13	CS-13	Soluble	Solid	DI Leach	
880-3888-14	CS-14	Soluble	Solid	DI Leach	
MB 880-5084/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5084/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5084/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-3888-1 MS	CS-1	Soluble	Solid	DI Leach	
880-3888-1 MSD	CS-1	Soluble	Solid	DI Leach	
880-3888-11 MS	CS-11	Soluble	Solid	DI Leach	
880-3888-11 MSD	CS-11	Soluble	Solid	DI Leach	

## Analysis Batch: 5129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3888-1	CS-1	Soluble	Solid	300.0	5084
880-3888-2	CS-2	Soluble	Solid	300.0	5084
880-3888-3	CS-3	Soluble	Solid	300.0	5084
880-3888-4	CS-4	Soluble	Solid	300.0	5084
880-3888-5	CS-5	Soluble	Solid	300.0	5084
880-3888-6	CS-6	Soluble	Solid	300.0	5084
880-3888-7	CS-7	Soluble	Solid	300.0	5084
880-3888-8	CS-8	Soluble	Solid	300.0	5084
880-3888-9	CS-9	Soluble	Solid	300.0	5084
880-3888-10	CS-10	Soluble	Solid	300.0	5084
880-3888-11	CS-11	Soluble	Solid	300.0	5084
880-3888-12	CS-12	Soluble	Solid	300.0	5084
880-3888-13	CS-13	Soluble	Solid	300.0	5084
880-3888-14	CS-14	Soluble	Solid	300.0	5084
MB 880-5084/1-A	Method Blank	Soluble	Solid	300.0	5084
LCS 880-5084/2-A	Lab Control Sample	Soluble	Solid	300.0	5084
LCSD 880-5084/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5084
880-3888-1 MS	CS-1	Soluble	Solid	300.0	5084
880-3888-1 MSD	CS-1	Soluble	Solid	300.0	5084
880-3888-11 MS	CS-11	Soluble	Solid	300.0	5084
880-3888-11 MSD	CS-11	Soluble	Solid	300.0	5084

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## Lab Chronicle

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Client Sample ID: CS-1

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 18:56	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/12/21 21:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 16:29	CH	XEN MID

## Client Sample ID: CS-2

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 19:16	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/12/21 22:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 16:45	CH	XEN MID

## Client Sample ID: CS-3

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 19:36	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/12/21 22:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 16:51	CH	XEN MID

## Client Sample ID: CS-4

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 19:57	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/12/21 23:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 16:56	CH	XEN MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Client Sample ID: CS-5

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 20:17	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/12/21 23:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 17:02	CH	XEN MID

## Client Sample ID: CS-6

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 20:38	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/12/21 23:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 17:18	CH	XEN MID

## Client Sample ID: CS-7

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 20:58	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/13/21 00:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 17:24	CH	XEN MID

## Client Sample ID: CS-8

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 21:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/13/21 00:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 17:29	CH	XEN MID

Eurofins Xenco, Midland

## Lab Chronicle

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Client Sample ID: CS-9

## Lab Sample ID: 880-3888-9

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 23:20	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/13/21 00:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.00 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 17:35	CH	XEN MID

## Client Sample ID: CS-10

## Lab Sample ID: 880-3888-10

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/13/21 23:40	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/13/21 01:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 17:40	CH	XEN MID

## Client Sample ID: CS-11

## Lab Sample ID: 880-3888-11

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/14/21 00:01	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/13/21 01:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 17:46	CH	XEN MID

## Client Sample ID: CS-12

## Lab Sample ID: 880-3888-12

Date Collected: 07/09/21 00:00

Matrix: Solid

Date Received: 07/12/21 09:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/14/21 00:21	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/13/21 02:13	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 18:02	CH	XEN MID

Eurofins Xenco, Midland

## Lab Chronicle

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

## Client Sample ID: CS-13

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/14/21 00:42	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/13/21 02:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 18:08	CH	XEN MID

## Client Sample ID: CS-14

Date Collected: 07/09/21 00:00

Date Received: 07/12/21 09:06

## Lab Sample ID: 880-3888-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5070	07/12/21 09:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5115	07/14/21 01:02	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5077	07/12/21 10:12	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5065	07/13/21 02:55	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	5084	07/12/21 14:05	CH	XEN MID
Soluble	Analysis	300.0		1			5129	07/13/21 18:24	CH	XEN MID

## Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX



## Method Summary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

Job ID: 880-3888-1  
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

### Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

XEN MID = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

## Sample Summary

Client: NT Global  
Project/Site: Seabiscuit Federal Com 2H&4H (05.14.21)

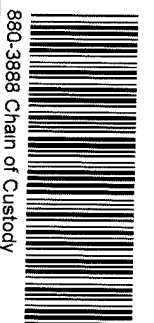
Job ID: 880-3888-1  
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-3888-1	CS-1	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-2	CS-2	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-3	CS-3	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-4	CS-4	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-5	CS-5	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-6	CS-6	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-7	CS-7	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-8	CS-8	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-9	CS-9	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-10	CS-10	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-11	CS-11	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-12	CS-12	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-13	CS-13	Solid	07/09/21 00:00	07/12/21 09:06	
880-3888-14	CS-14	Solid	07/09/21 00:00	07/12/21 09:06	

Eurofins Xenco, Midland



Chain of Custody



880-3888 Chain of Custody

:880-3888

Page 1 of 2

Project Manager	Mike Carmona	Bill to: (if different)	Jacquie Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds Blvd	Address	15 W London Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving, NM 88266
Phone:	432-813-0263	Email	jacquieharris@conocophillips.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> JRC <input type="checkbox"/> Jpertund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> UST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name	Seabiscuit Federal Com 2H&4H (05 14 21)		Turn Around		Parameters	ANALYSIS REQUEST												Preservative Codes		
Project Number	214375		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Press. Code													None NO	
Project Location	Eddy Co, NM		Due Date				72 Hrs		Cool Cool		MeOH Me									
Sample's Name:	NH		TAT starts the day received by the lab if received by 4 30pm						HCL HC		HNO <sub>3</sub> HN									
PO #:																				
SAMPLE RECEIPT		Temp Blank.	Yes (No)	Wet Ice.	Yes (No)											H <sub>3</sub> PO <sub>4</sub> HP				
Received Intact:	Yes (No)	Thermometer ID			Yes (No)											NaHSO <sub>4</sub> NABIS				
Cooler Custody Seals	Yes No	Correction Factor			+0.5											Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>				
Sample Custody Seals	Yes No	Temperature Reading			1.4											Zn Acetate+NaOH Zn				
Total Containers:	14	Corrected Temperature			1.4											NaOH+Ascorbic Acid SAPC				

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments	
CS-1	7/9/2021	-	x	N/A	C	1	x	x	x	x								402
CS-2	7/9/2021	-	x	N/A	C	1	x	x	x	x								
CS-3	7/9/2021	-	x	N/A	C	1	x	x	x	x								
CS-4	7/9/2021	-	x	N/A	C	1	x	x	x	x								
CS-5	7/9/2021	-	x	N/A	C	1	x	x	x	x								
CS-6	7/9/2021	-	x	N/A	C	1	x	x	x	x								
CS-7	7/9/2021	-	x	N/A	C	1	x	x	x	x								
CS-8	7/9/2021	-	x	N/A	C	1	x	x	x	x								
CS-9	7/9/2021	-	x	N/A	C	1	x	x	x	x								
CS-10	7/9/2021	-	x	N/A	C	1	x	x	x	x								

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	7/12/21 0900			



Chain of Custody

Work Order No: 080-3888

Page 2 of 2

Project Manager	Mike Carmona	Bill to: (if different)	Jacqui Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds Blvd	Address	15 W London Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving NM 88256
Phone	432-813-0263	Email	jacquiharris@conocophillips.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Perturb <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other <input type="checkbox"/>

Project Name	Seabiscuit Federal Com 2H&4H (05 14 21)		Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number	214375		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None NO DI Water H <sub>2</sub> O						
Project Location	Eddy Co. NM		Due Date	72 Hrs													Cool Cool MeOH Me						
Sampler's Name	NH		TAT starts the day received by the lab if received by 4:30pm														HCL HC HNO <sub>3</sub> HN						
PO #																	H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub>						
SAMPLE RECEIPT	Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> HP						
	Received Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID														NaHSO <sub>4</sub> NABIS						
	Cooler Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NaSO <sub>3</sub>						
	Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading	1.4													Zn Acetate+NaOH Zn						
	Total Containers	14	Corrected Temperature	1.9													NaOH+Ascorbic Acid SAPC						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
	CS-11	7/9/2021	-	N/A	C	1	X	X	X														
	CS-12	7/9/2021	-	X	N/A	C	1	X	X	X													
	CS-13	7/9/2021	-	X	N/A	C	1	X	X	X													
	CS-14	7/9/2021	-	X	N/A	C	1	X	X	X													

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$35.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	7/12/21 0906			
3		4			
5		6			

## Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-3888-1

SDG Number: Eddy Co, NM

Login Number: 3888

List Number: 1

Creator: Phillips, Kerianna

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No time on COC or sample containers
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

**District I**

1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 41697

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 41697
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2114835719 SEABISCUIT FEDERAL COM 002H & 004H CTB, thank you. This closure is approved.	11/19/2021