



Site Information

Closure Report

King Air 8 Federal Com 4H (12.23.21)

Lea County, New Mexico

Unit M Sec 08 T19S R32E

Incident #: NAPP2201128189

32.668290°, -103.793544°

Crude Oil Release

Source: Failed valve sending oil to the flare

Release Date: 12/23/2021

Volume Released: 0.25 bbls/Crude Oil

Volume Recovered: 0 bbls/Crude Oil

Prepared for:

ConocoPhillips Resources

15 West London Rd

Loving, NM 88256

Prepared by:

NTG Environmental

701 Tradewinds Blvd

Suite C

Midland, TX 79706



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

January 25, 2022

New Mexico Oil Conservation Division
2 1220 South St, Francis Drive
Sante Fe, NM 87505

**Re: Closure Report
King Air 8 Federal Com 4H (12.23.21)
Concho Operating, LLC
Incident # NAPP2201128189
Site Location: Unit M, S08, T19S, R32E
(Lat 32.668290°, Long , -103.793544°)
Lea County, New Mexico**

To whom it may concern:

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 King Air 8 Federal Com 4H (12.23.21). The site is located at 32.668290°, -103.793544° within Unit M, S08, T19S, R32E, in Lea 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 December 23, 2021, due to a failed valve sending oil to the flare. It resulted in the release of approximately zero point two five (0.25) barrels of overspray oil, and zero (0) barrels were recovered. The impacted area measured approximately 350' x 90', 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, no known water sources within a 0.50-mile radius of the location. The closest well is located approximately 0.95 miles Northeast of the site in S08, T19S, R32E. The well has a reported depth to groundwater of 368.30' below ground surface (bgs) drilled in 1958. 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

Site Assessment

On December 28, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release of the overspray. A total of twelve (12) sample points were advanced to depths ranging surface – 1.5 ft bgs within and surrounding the release area to assess the vertical and horizontal extent of potential impacts. The soil sample locations are shown on Figure 3. For chemical analysis, 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 Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix C. The analytical results are provided in Table 1.

All samples were below 19.15.29.12 NMAC criteria. In addition, COG will do a surficial scrape to remove the overspray staining on the soils.

Conclusions

Based on the assessment finding and the analytical results, no further actions are required at the site. The final C-141 is attached, and COG 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

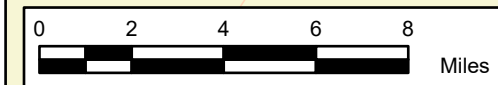
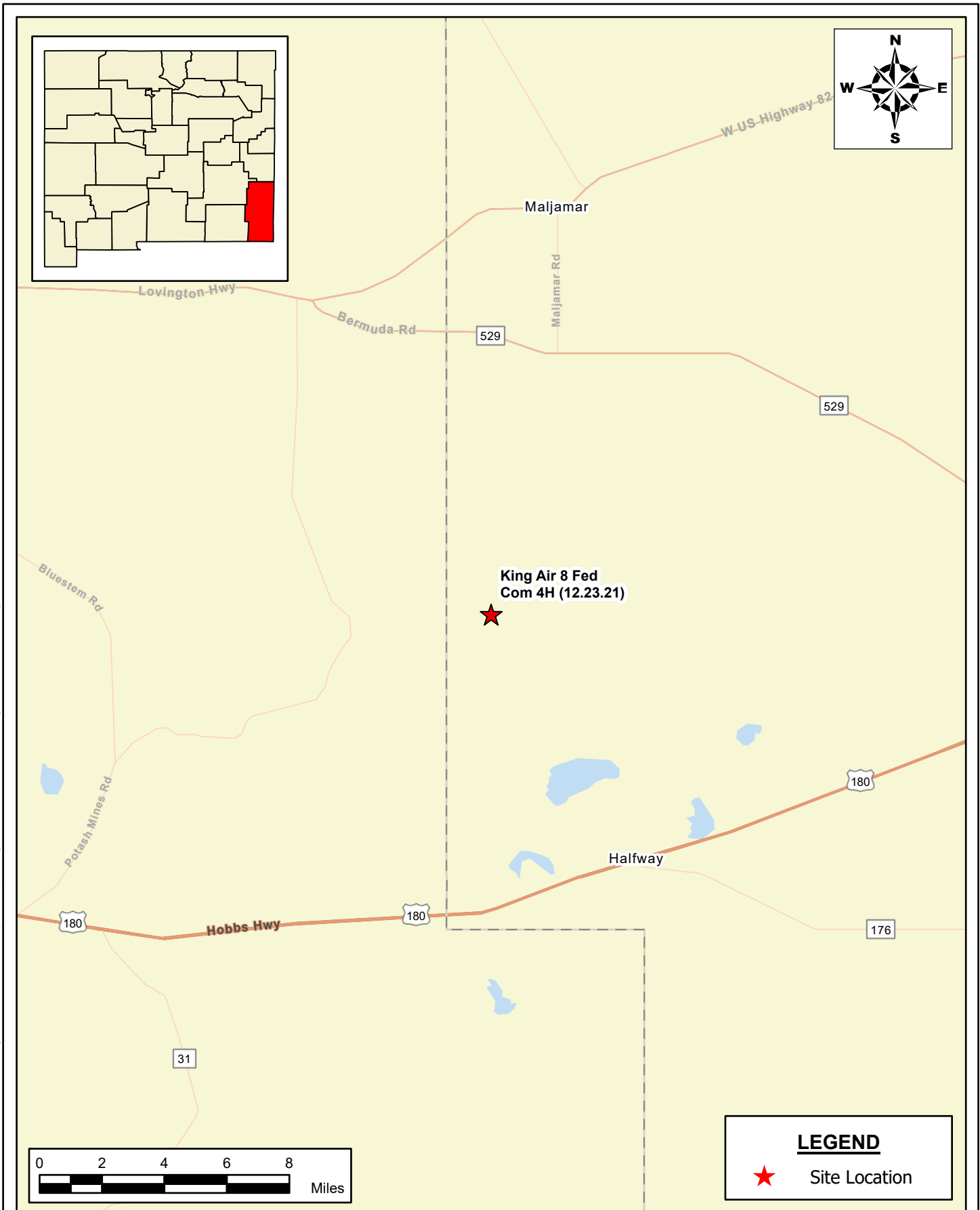


Clinton Merritt
Project Manager



Figures

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LEGEND

★ Site Location

SITE LOCATION MAP
COG OPERATING, LLC
 KING AIR 8 FED COM 4H (12.23.21)
 LEA COUNTY, NEW MEXICO
 32.668290, -103.793544

SCALE: As Shown Date: 1/3/2022 PROJECT #: 215057

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

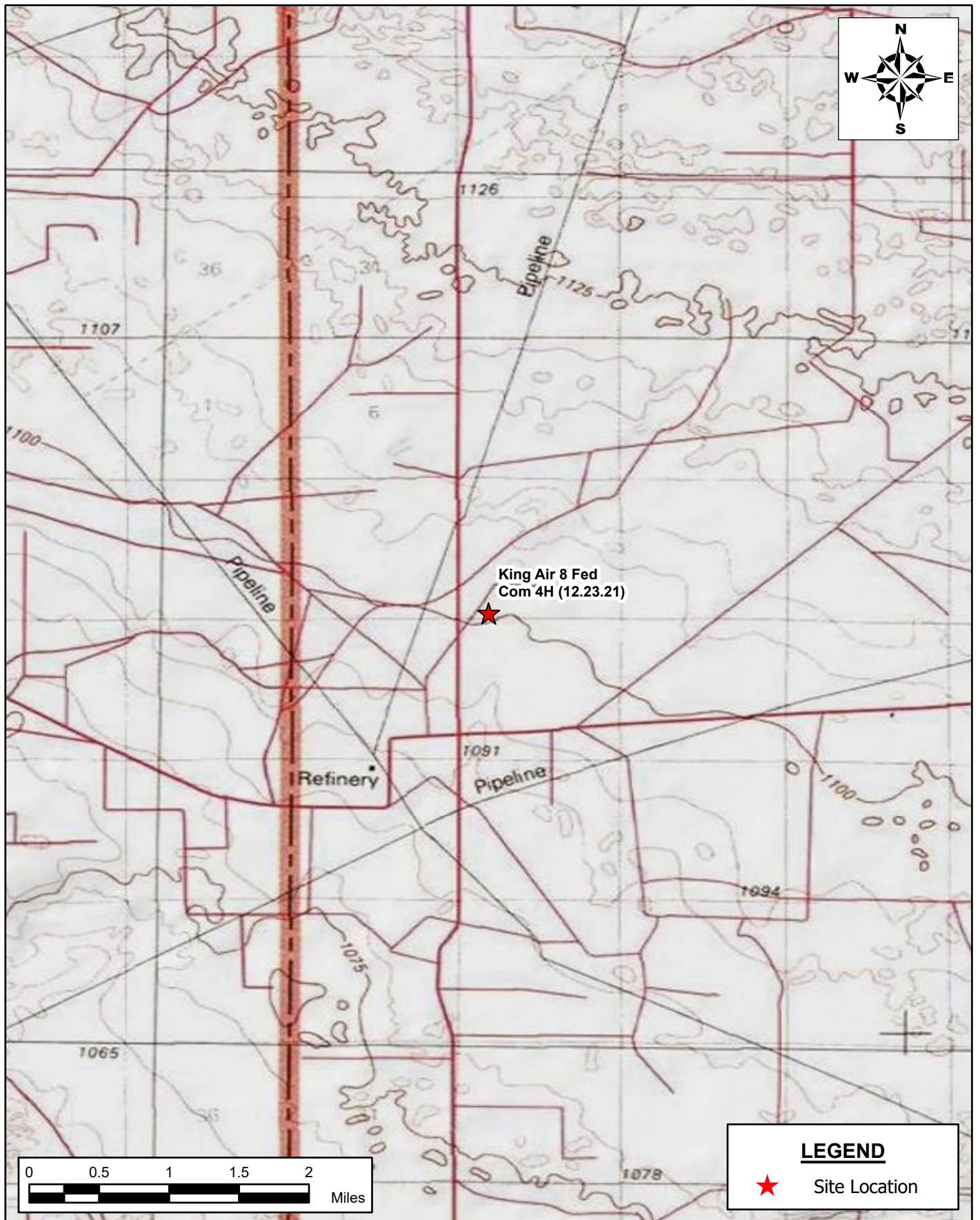
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

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LEGEND

★ Site Location

AREA MAP
COG OPERATING, LLC
 KING AIR 8 FED COM 4H (12.23.21)
 LEA COUNTY, NEW MEXICO
 32.668290, -103.793544

SCALE: As Shown Date: 1/3/2022 PROJECT #: 215057



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
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NOTES:

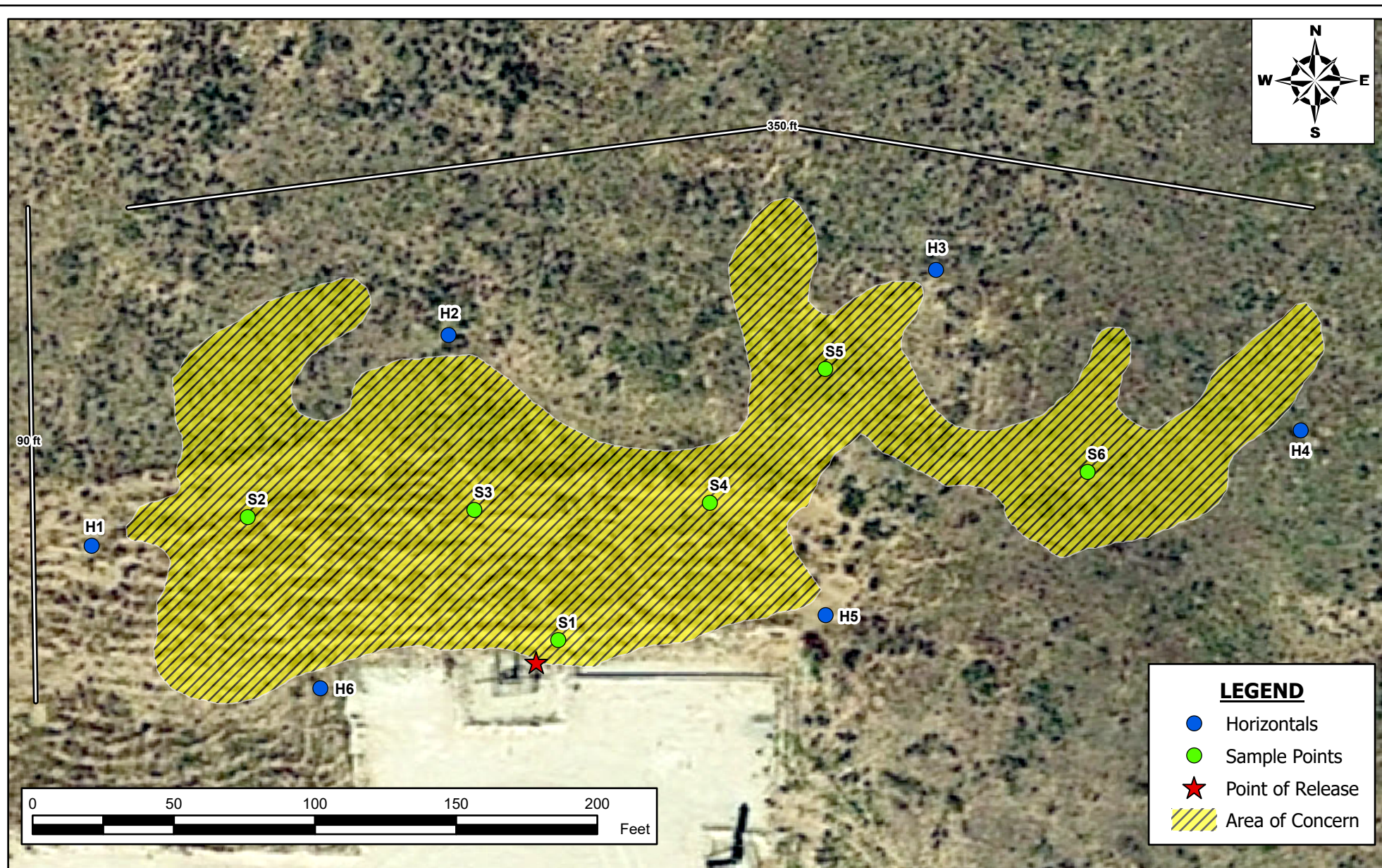
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1



1 of 1	SHEET NUMBER	DRAWING NUMBER	FIGURE 3	SAMPLE LOCATION MAP COG OPERATING, LLC KING AIR 8 FED COM 4H (12.23.21) LEA COUNTY, NEW MEXICO 32.668290, -103.793544			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 and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto) 2. Map Projection: NAD 1983
				SCALE: AS SHOWN	DATE: 01/24/2022	PROJECT #: 215057		



Tables

Table 1
COG Operating, LLC
King Air 8 Federal Com 4H (12.23.21)
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	12/28/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.18
	"	1-1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
S-2	12/28/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.97
S-3	12/28/2021	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.01
S-4	12/28/2021	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.98
S-5	12/28/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<4.99
S-6	12/28/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	0.00377	0.0655	0.00707	0.0558	0.132	521
H-1	12/28/2021	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.95
H-2	12/28/2021	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.98
H-3	12/28/2021	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.04
H-4	12/28/2021	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.30
H-5	12/28/2021	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
H-6	12/28/2021	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<4.97
Regulatory Limits						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) 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

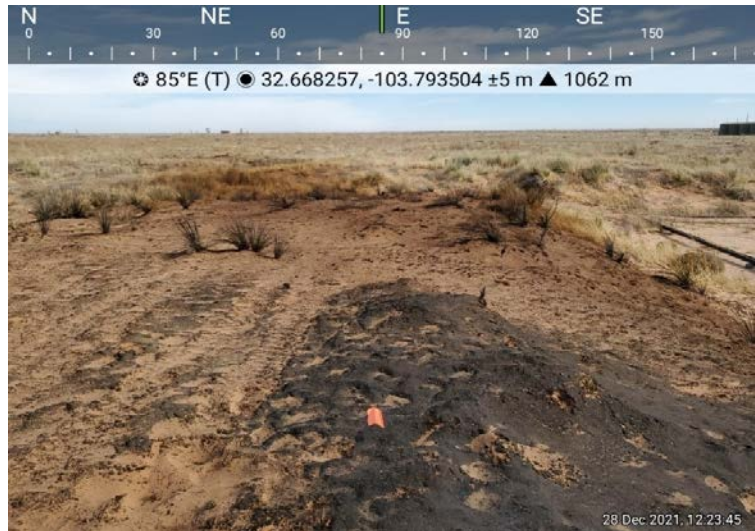
Photograph No. 1

Facility: King Air 8 Federal Com 4H
(12.23.21)

County: Lea County, New Mexico

Description:

View East, area of sample S-1 and H-5.



Photograph No. 2

Facility: King Air 8 Federal Com 4H
(12.23.21)

County: Lea County, New Mexico

Description:

View Northwest, area of samples S-5 and H-3.



Photograph No. 3

Facility: King Air 8 Federal Com 4H
(12.23.21)

County: Lea County, New Mexico

Description:

View Southwest, area of samples S-3, S-2, and H-1.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: King Air 8 Federal Com 4H
(12.23.21)

County: Lea County, New Mexico

Description:

View North, area of samples S-3 and H-2.



Photograph No. 5

Facility: King Air 8 Federal Com 4H
(12.23.21)

County: Lea County, New Mexico

Description:

View East, area of samples S-3, S-2, and H-2.



Photograph No. 6

Facility: King Air 8 Federal Com 4H
(12.23.21)

County: Lea County, New Mexico

Description:

View Southwest, area of samples S-3 and H-6.





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	NAPP2201128189
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)

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

Incident ID	NAPP2201128189
District RP	
Facility ID	
Application ID	

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

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: <u>Patricia Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>1/11/2022</u>

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 71548

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 71548
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rmarcus	None	1/11/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☐ 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: Jaqui Heredia Date: 3/31/2022

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: Jaquie Herrera Date: 3/31/2022

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: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____



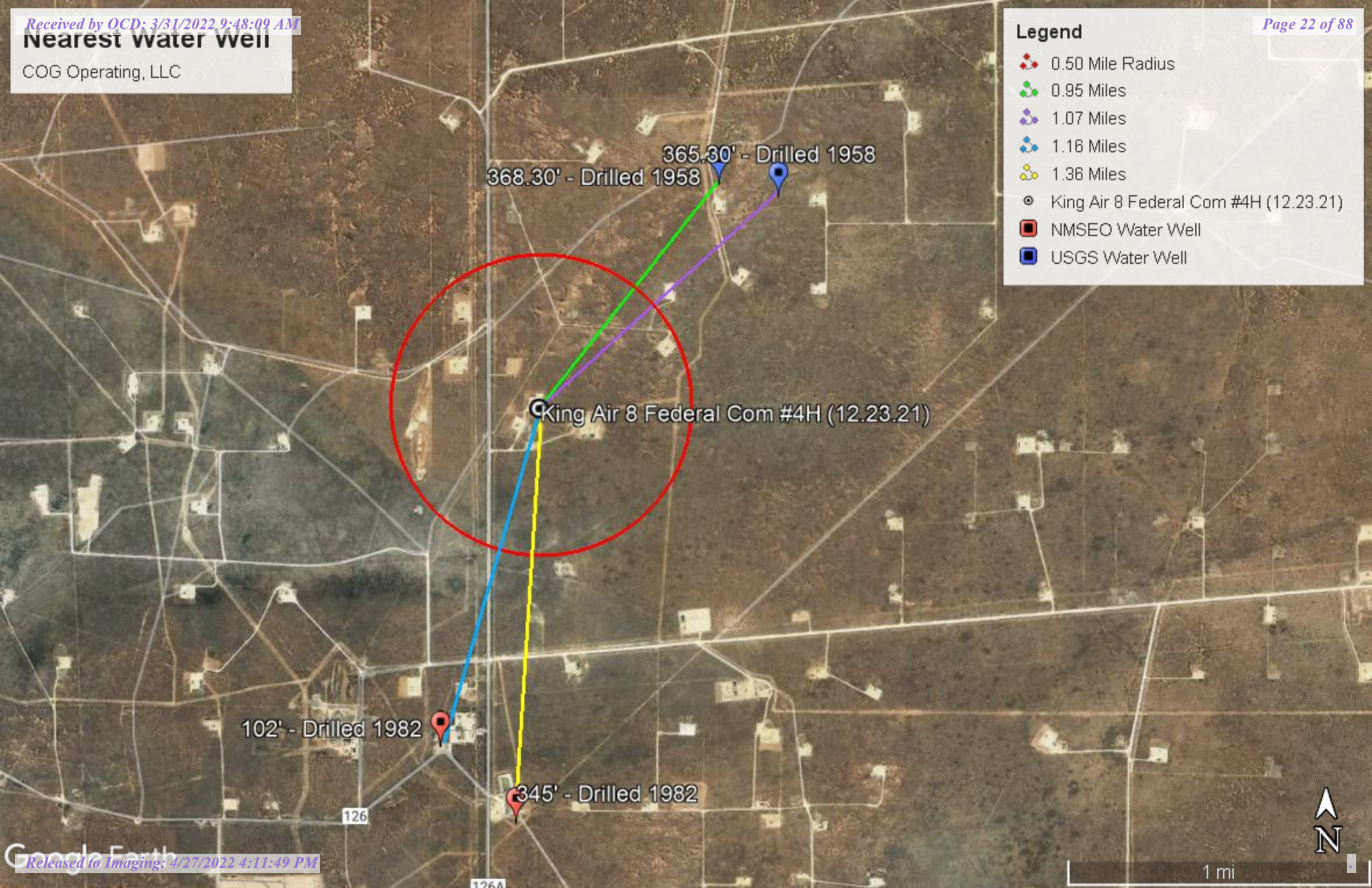
Appendix B

Nearest water well

COG Operating, LLC

Legend

- 0.50 Mile Radius
- 0.95 Miles
- 1.07 Miles
- 1.16 Miles
- 1.36 Miles
- King Air 8 Federal Com #4H (12.23.21)
- NMSEO Water Well
- USGS Water Well



Low Karst

COG Operating, LLC

Legend

- King Air 8 Federal Com #4H (12.23.21)
- LOW

King Air 8 Federal Com #4H (12.23.21)

126A

126A



3000 ft



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	Distance	Depth Well	Depth Water	Water Column
CP 01656 POD2	CP	LE		3	4	3	17	19S	32E	613364	3613648	1461	70		
CP 01656 POD1	CP	LE		3	4	3	17	19S	32E	613368	3613646	1463	70		
CP 01656 POD3	CP	LE		3	4	3	17	19S	32E	613374	3613633	1477	30		
CP 00640 POD1	CP	LE			2	2	19	19S	32E	612621	3613280*	1884	260	102	158
CP 00563 POD1	CP	LE		1	1	2	19	19S	32E	612118	3613376*	1997	300		
CP 00639 POD1	CP	LE			3	1	20	19S	32E	613029	3612880*	2214	350	345	5

Average Depth to Water: **223 feet**

Minimum Depth: **102 feet**

Maximum Depth: **345 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 613139.69

Northing (Y): 3615092.2

Radius: 4000

*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.

12/27/21 2:35 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:Groundwater

Geographic Area:New Mexico

GO

Click to hideNews 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

i Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324046103464101

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 324046103464101 19S.32E.08.2

Lea County, New Mexico
Latitude 32°40'42", Longitude 103°47'00" NAD27
Land-surface elevation 3,640 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

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
1958-12-10			D	62610	3271.70	NGVD29	1	O	USGS	
1958-12-10			D	62611	3273.26	NAVD88	1	O	USGS	
1958-12-10			D	72019	368.30		1	O	USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
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
Method of measurement	O	Observed.

Section	Code	Description
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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Agency code = usgs

site_no list =

- 324040103464801

Minimum number of levels = 1

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USGS 324040103464801 19S.32E.08.22411

Lea County, New Mexico

Latitude 32°40'40", Longitude 103°46'48" NAD27

Land-surface elevation 3,640 feet above NAVD88

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

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
1958-12-09			D	62610	3273.14	NGVD29	1		Z	
1958-12-09			D	62611	3274.70	NAVD88	1		Z	
1958-12-09			D	72019	365.30		1		Z	

Explanation

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

Section	Code	Description
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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0.31 0.26 nadww01



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)				X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng
	CP 00640 POD1	2	2	19	19S	32E	612621 3613280*
Driller License: 882		Driller Company: LARRY'S DRILLING & PUMP CO.					
Driller Name: FELKINS, LARRY							
Drill Start Date: 02/08/1982		Drill Finish Date: 02/09/1982		Plug Date:			
Log File Date: 03/04/1982		PCW Rev Date:		Source: Shallow			
Pump Type:		Pipe Discharge Size:		Estimated Yield:			
Casing Size:		Depth Well: 260 feet		Depth Water: 102 feet			

*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.

12/27/21 2:37 PM

POINT OF DIVERSION SUMMARY



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)				X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng
	CP 00639 POD1	3	1	20	19S	32E	613029 3612880*
Driller License: 882		Driller Company: LARRY'S DRILLING & PUMP CO.					
Driller Name: FELKINS, LARRY							
Drill Start Date: 02/09/1982		Drill Finish Date: 02/10/1982		Plug Date:			
Log File Date: 03/23/1982		PCW Rev Date:		Source: Shallow			
Pump Type:		Pipe Discharge Size:		Estimated Yield:			
Casing Size:		Depth Well: 350 feet		Depth Water: 345 feet			

*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.

12/27/21 2:48 PM

POINT OF DIVERSION SUMMARY



Appendix C



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-9746-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: King Air 8 Federal Com 4H (12.23.21)
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:
1/12/2022 4:19:30 PM

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

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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: King Air 8 Federal Com 4H (12.23.21)

Laboratory Job ID: 880-9746-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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

Case Narrative

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Job ID: 880-9746-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-9746-1

REVISION

The report being provided is a revision of the original report sent on 1/3/2022. The report (revision 1) is being revised due to Per client email, requesting RUSH chloride re run on S-5 (0-0.5').

Report revision history

Receipt

The samples were received on 12/29/2021 10:47 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 12.5°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-15736 and analytical batch 880-15788 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-1 (0-1') (880-9746-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-6 (0 -0.5') (880-9746-7). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-15695 and analytical batch 880-15845 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-15730 and analytical batch 880-15823 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-9746-1

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		12/29/21 14:29	12/30/21 15:03	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		12/29/21 14:29	12/30/21 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 15:03	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		12/29/21 14:29	12/30/21 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 15:03	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		12/29/21 14:29	12/30/21 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	12/29/21 14:29	12/30/21 15:03	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/29/21 14:29	12/30/21 15:03	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/31/21 11:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/03/22 13:55	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		12/29/21 13:57	12/31/21 15:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		12/29/21 13:57	12/31/21 15:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/21 13:57	12/31/21 15:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	12/29/21 13:57	12/31/21 15:31	1
o-Terphenyl	82		70 - 130	12/29/21 13:57	12/31/21 15:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.18		4.95		mg/Kg			12/31/21 07:53	1

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-9746-2

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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		01/03/22 09:02	01/03/22 14:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 14:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 14:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/03/22 09:02	01/03/22 14:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 14:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/03/22 09:02	01/03/22 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	01/03/22 09:02	01/03/22 14:00	1
1,4-Difluorobenzene (Surr)	89		70 - 130	01/03/22 09:02	01/03/22 14:00	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-9746-2

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/31/21 11:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/03/22 13:55	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		12/29/21 13:57	12/31/21 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		12/29/21 13:57	12/31/21 15:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/29/21 13:57	12/31/21 15:52	1
o-Terphenyl	88		70 - 130				12/29/21 13:57	12/31/21 15:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			12/31/21 08:01	1

Client Sample ID: S-2 (0 -0.5')

Lab Sample ID: 880-9746-3

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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		01/03/22 09:02	01/03/22 14:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 14:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 14:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/03/22 09:02	01/03/22 14:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 14:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/03/22 09:02	01/03/22 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	169	S1+	70 - 130				01/03/22 09:02	01/03/22 14:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/03/22 09:02	01/03/22 14:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/03/22 13:55	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		12/29/21 13:57	12/31/21 16:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		12/29/21 13:57	12/31/21 16:12	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-2 (0 -0.5')

Lab Sample ID: 880-9746-3

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				12/29/21 13:57	12/31/21 16:12	1
o-Terphenyl	95		70 - 130				12/29/21 13:57	12/31/21 16:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			12/31/21 08:10	1

Client Sample ID: S-3 (0 -0.5')

Lab Sample ID: 880-9746-4

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		01/03/22 08:26	01/03/22 12:50	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		01/03/22 08:26	01/03/22 12:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/03/22 08:26	01/03/22 12:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/03/22 08:26	01/03/22 12:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/03/22 08:26	01/03/22 12:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/03/22 08:26	01/03/22 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/03/22 08:26	01/03/22 12:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/03/22 08:26	01/03/22 12:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/31/21 11:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/03/22 13:55	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		12/29/21 13:57	12/31/21 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/29/21 13:57	12/31/21 16:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/21 13:57	12/31/21 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/29/21 13:57	12/31/21 16:54	1
o-Terphenyl	84		70 - 130				12/29/21 13:57	12/31/21 16:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			12/31/21 08:18	1

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-4 (0 -0.5')

Lab Sample ID: 880-9746-5

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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		01/03/22 08:26	01/03/22 13:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/03/22 08:26	01/03/22 13:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/03/22 08:26	01/03/22 13:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/03/22 08:26	01/03/22 13:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/03/22 08:26	01/03/22 13:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/03/22 08:26	01/03/22 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	01/03/22 08:26	01/03/22 13:10	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/03/22 08:26	01/03/22 13:10	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/03/22 13:55	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		12/29/21 13:57	12/31/21 17:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/29/21 13:57	12/31/21 17:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/21 13:57	12/31/21 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	12/29/21 13:57	12/31/21 17:14	1
o-Terphenyl	93		70 - 130	12/29/21 13:57	12/31/21 17:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			12/31/21 08:43	1

Client Sample ID: S-5 (0 -0.5')

Lab Sample ID: 880-9746-6

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		12/30/21 14:12	01/01/22 22:14	1
Toluene	<0.00202	U F2 F1	0.00202		mg/Kg		12/30/21 14:12	01/01/22 22:14	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		12/30/21 14:12	01/01/22 22:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/30/21 14:12	01/01/22 22:14	1
o-Xylene	<0.00202	U F1	0.00202		mg/Kg		12/30/21 14:12	01/01/22 22:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/30/21 14:12	01/01/22 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	12/30/21 14:12	01/01/22 22:14	1
1,4-Difluorobenzene (Surr)	79		70 - 130	12/30/21 14:12	01/01/22 22:14	1

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Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-5 (0 -0.5')

Lab Sample ID: 880-9746-6

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/03/22 13:55	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		12/29/21 13:57	12/31/21 17:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		12/29/21 13:57	12/31/21 17:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 17:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				12/29/21 13:57	12/31/21 17:35	1
o-Terphenyl	77		70 - 130				12/29/21 13:57	12/31/21 17:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			01/11/22 17:49	1

Client Sample ID: S-6 (0 -0.5')

Lab Sample ID: 880-9746-7

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00377		0.00200		mg/Kg		12/29/21 14:29	12/30/21 17:05	1
Toluene	0.0655		0.00200		mg/Kg		12/29/21 14:29	12/30/21 17:05	1
Ethylbenzene	0.00707		0.00200		mg/Kg		12/29/21 14:29	12/30/21 17:05	1
m-Xylene & p-Xylene	0.0190		0.00399		mg/Kg		12/29/21 14:29	12/30/21 17:05	1
o-Xylene	0.0368		0.00200		mg/Kg		12/29/21 14:29	12/30/21 17:05	1
Xylenes, Total	0.0558		0.00399		mg/Kg		12/29/21 14:29	12/30/21 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130				12/29/21 14:29	12/30/21 17:05	1
1,4-Difluorobenzene (Surr)	122		70 - 130				12/29/21 14:29	12/30/21 17:05	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.132		0.00399		mg/Kg			12/31/21 11:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/03/22 14:33	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		12/29/21 13:57	12/31/21 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		12/29/21 13:57	12/31/21 17:56	1

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Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-6 (0 -0.5')

Lab Sample ID: 880-9746-7

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	12/29/21 13:57	12/31/21 17:56	1
o-Terphenyl	81		70 - 130	12/29/21 13:57	12/31/21 17:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	521		5.02		mg/Kg			12/31/21 09:00	1

Surrogate Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-9746-1	S-1 (0-1')	139 S1+	87
880-9746-1 MS	S-1 (0-1')	124	79
880-9746-1 MSD	S-1 (0-1')	116	92
880-9746-2	S-1 (1-1.5')	162 S1+	89
880-9746-2 MS	S-1 (1-1.5')	144 S1+	104
880-9746-2 MSD	S-1 (1-1.5')	145 S1+	90
880-9746-3	S-2 (0 -0.5')	169 S1+	100
880-9746-4	S-3 (0 -0.5')	112	99
880-9746-4 MS	S-3 (0 -0.5')	106	101
880-9746-4 MSD	S-3 (0 -0.5')	101	95
880-9746-5	S-4 (0 -0.5')	119	115
880-9746-6	S-5 (0 -0.5')	110	79
880-9746-6 MS	S-5 (0 -0.5')	127	111
880-9746-6 MSD	S-5 (0 -0.5')	127	106
880-9746-7	S-6 (0 -0.5')	180 S1+	122
LCS 880-15695/1-A	Lab Control Sample	121	105
LCS 880-15709/1-A	Lab Control Sample	137 S1+	100
LCS 880-15736/1-A	Lab Control Sample	144 S1+	110
LCS 880-15812/1-A	Lab Control Sample	121	0 S1-
LCSD 880-15695/2-A	Lab Control Sample Dup	123	113
LCSD 880-15709/2-A	Lab Control Sample Dup	137 S1+	91
LCSD 880-15736/2-A	Lab Control Sample Dup	109	99
LCSD 880-15812/2-A	Lab Control Sample Dup	143 S1+	117
MB 880-15695/5-A	Method Blank	112	102
MB 880-15709/5-A	Method Blank	93	88
MB 880-15736/5-A	Method Blank	103	105
MB 880-15812/5-A	Method Blank	90	87

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-9746-1	S-1 (0-1')	89	82
880-9746-2	S-1 (1-1.5')	96	88
880-9746-3	S-2 (0 -0.5')	106	95
880-9746-4	S-3 (0 -0.5')	92	84
880-9746-5	S-4 (0 -0.5')	100	93
880-9746-6	S-5 (0 -0.5')	86	77
880-9746-7	S-6 (0 -0.5')	89	81
890-1749-A-1-F MS	Matrix Spike	84	72
890-1749-A-1-G MSD	Matrix Spike Duplicate	83	71
LCS 880-15730/2-A	Lab Control Sample	108	86
LCSD 880-15730/3-A	Lab Control Sample Dup	114	91
MB 880-15730/1-A	Method Blank	116	122

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Surrogate Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

1

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14

QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-15695/5-A

Matrix: Solid

Analysis Batch: 15845

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/03/22 08:26	01/03/22 12:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/03/22 08:26	01/03/22 12:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/03/22 08:26	01/03/22 12:28	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/03/22 08:26	01/03/22 12:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/03/22 08:26	01/03/22 12:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/03/22 08:26	01/03/22 12:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/03/22 08:26	01/03/22 12:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/03/22 08:26	01/03/22 12:28	1

Lab Sample ID: LCS 880-15695/1-A

Matrix: Solid

Analysis Batch: 15845

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15695

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07196		mg/Kg		72	70 - 130
Toluene	0.100	0.07285		mg/Kg		73	70 - 130
Ethylbenzene	0.100	0.07540		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	0.200	0.1547		mg/Kg		77	70 - 130
o-Xylene	0.100	0.08083		mg/Kg		81	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-15695/2-A

Matrix: Solid

Analysis Batch: 15845

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15695

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07588		mg/Kg		76	70 - 130	5	35
Toluene	0.100	0.07630		mg/Kg		76	70 - 130	5	35
Ethylbenzene	0.100	0.07958		mg/Kg		80	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1648		mg/Kg		82	70 - 130	6	35
o-Xylene	0.100	0.08517		mg/Kg		85	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-9746-4 MS

Matrix: Solid

Analysis Batch: 15845

Client Sample ID: S-3 (0 -0.5')

Prep Type: Total/NA

Prep Batch: 15695

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.100	0.07063		mg/Kg		70	70 - 130
Toluene	<0.00200	U F1	0.100	0.06888	F1	mg/Kg		69	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9746-4 MS

Matrix: Solid

Analysis Batch: 15845

Client Sample ID: S-3 (0 -0.5')

Prep Type: Total/NA

Prep Batch: 15695

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.100	0.07657		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1580		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U	0.100	0.08073		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-9746-4 MSD

Matrix: Solid

Analysis Batch: 15845

Client Sample ID: S-3 (0 -0.5')

Prep Type: Total/NA

Prep Batch: 15695

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00200	U F1	0.0990	0.06583	F1	mg/Kg		66	70 - 130	7	35
Toluene	<0.00200	U F1	0.0990	0.06630	F1	mg/Kg		67	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0990	0.06951		mg/Kg		70	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.198	0.1446		mg/Kg		73	70 - 130	9	35
o-Xylene	<0.00200	U	0.0990	0.07205		mg/Kg		73	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-15709/5-A

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 13:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 13:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 13:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/03/22 09:02	01/03/22 13:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/03/22 09:02	01/03/22 13:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/03/22 09:02	01/03/22 13:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	01/03/22 09:02	01/03/22 13:34	1
1,4-Difluorobenzene (Surr)	88		70 - 130	01/03/22 09:02	01/03/22 13:34	1

Lab Sample ID: LCS 880-15709/1-A

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07683		mg/Kg		77	70 - 130
Toluene	0.100	0.08339		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.07121		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	0.200	0.1433		mg/Kg		72	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-15709/1-A

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.07074		mg/Kg		71	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-15709/2-A

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15709

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.07649		mg/Kg		76	70 - 130	0	35
Toluene	0.100	0.07353		mg/Kg		74	70 - 130	13	35
Ethylbenzene	0.100	0.07195		mg/Kg		72	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1548		mg/Kg		77	70 - 130	8	35
o-Xylene	0.100	0.07277		mg/Kg		73	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-9746-2 MS

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: S-1 (1-1.5')

Prep Type: Total/NA

Prep Batch: 15709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.0998	0.07290		mg/Kg		73	70 - 130
Toluene	<0.00200	U	0.0998	0.07350		mg/Kg		74	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.07305		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1467		mg/Kg		74	70 - 130
o-Xylene	<0.00200	U	0.0998	0.07196		mg/Kg		72	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-9746-2 MSD

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: S-1 (1-1.5')

Prep Type: Total/NA

Prep Batch: 15709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00200	U	0.0994	0.07269		mg/Kg		73	70 - 130	0	35
Toluene	<0.00200	U	0.0994	0.06970		mg/Kg		70	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.0994	0.07455		mg/Kg		75	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1489		mg/Kg		75	70 - 130	1	35
o-Xylene	<0.00200	U	0.0994	0.07555		mg/Kg		76	70 - 130	5	35

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9746-2 MSD

Matrix: Solid

Analysis Batch: 15877

Client Sample ID: S-1 (1-1.5')

Prep Type: Total/NA

Prep Batch: 15709

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: MB 880-15736/5-A

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15736

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/29/21 14:29	12/30/21 14:42	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	103		70 - 130	12/29/21 14:29	12/30/21 14:42	1			
1,4-Difluorobenzene (Surr)	105		70 - 130	12/29/21 14:29	12/30/21 14:42	1			

Lab Sample ID: LCS 880-15736/1-A

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
Benzene	0.100	0.08657		mg/Kg		87	70 - 130
Toluene	0.100	0.09264		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09669		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.2048		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-15736/2-A

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
	Added	Result	Qualifier				Limits	Limit
Benzene	0.100	0.07239		mg/Kg		72	70 - 130	18
Toluene	0.100	0.07560		mg/Kg		76	70 - 130	20
Ethylbenzene	0.100	0.07364		mg/Kg		74	70 - 130	27
m-Xylene & p-Xylene	0.200	0.1618		mg/Kg		81	70 - 130	23
o-Xylene	0.100	0.08266		mg/Kg		83	70 - 130	22

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-15736/2-A

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15736

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-9746-1 MS

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.101	0.05309	F1	mg/Kg		53	70 - 130
Toluene	<0.00200	U F1	0.101	0.06625	F1	mg/Kg		66	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.07124		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.202	0.1407		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.101	0.07366		mg/Kg		73	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: 880-9746-1 MSD

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.05242	F1	mg/Kg		52	70 - 130	1	35
Toluene	<0.00200	U F1	0.100	0.06213	F1	mg/Kg		62	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.07132		mg/Kg		71	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1372	F1	mg/Kg		69	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.07030		mg/Kg		70	70 - 130	5	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-15812/5-A

Matrix: Solid

Analysis Batch: 15844

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/30/21 14:12	01/01/22 21:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/30/21 14:12	01/01/22 21:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/30/21 14:12	01/01/22 21:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/30/21 14:12	01/01/22 21:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/30/21 14:12	01/01/22 21:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/30/21 14:12	01/01/22 21:46	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	12/30/21 14:12	01/01/22 21:46	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/30/21 14:12	01/01/22 21:46	1

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QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-15812/1-A

Matrix: Solid

Analysis Batch: 15844

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09353		mg/Kg		94	70 - 130
Toluene	0.100	0.08852		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.07882		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1608		mg/Kg		80	70 - 130
o-Xylene	0.100	0.07679		mg/Kg		77	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	0	S1-	70 - 130

Lab Sample ID: LCSD 880-15812/2-A

Matrix: Solid

Analysis Batch: 15844

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15812

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.07182		mg/Kg		72	70 - 130	26	35
Toluene	0.100	0.08616		mg/Kg		86	70 - 130	3	35
Ethylbenzene	0.100	0.08216		mg/Kg		82	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1660		mg/Kg		83	70 - 130	3	35
o-Xylene	0.100	0.08149		mg/Kg		81	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-9746-6 MS

Matrix: Solid

Analysis Batch: 15844

Client Sample ID: S-5 (0 -0.5')

Prep Type: Total/NA

Prep Batch: 15812

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U F1	0.0994	0.06266	F1	mg/Kg		63	70 - 130
Toluene	<0.00202	U F2 F1	0.0994	0.06389	F1	mg/Kg		64	70 - 130
Ethylbenzene	<0.00202	U F1	0.0994	0.06876	F1	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.199	0.1390		mg/Kg		70	70 - 130
o-Xylene	<0.00202	U F1	0.0994	0.06885	F1	mg/Kg		69	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-9746-6 MSD

Matrix: Solid

Analysis Batch: 15844

Client Sample ID: S-5 (0 -0.5')

Prep Type: Total/NA

Prep Batch: 15812

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00202	U F1	0.0998	0.06980		mg/Kg		70	70 - 130	11	35
Toluene	<0.00202	U F2 F1	0.0998	0.007273	F2 F1	mg/Kg		7	70 - 130	159	35
Ethylbenzene	<0.00202	U F1	0.0998	0.06958		mg/Kg		70	70 - 130	1	35

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9746-6 MSD

Matrix: Solid

Analysis Batch: 15844

Client Sample ID: S-5 (0 -0.5')

Prep Type: Total/NA

Prep Batch: 15812

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1399		mg/Kg		70	70 - 130	1	35
o-Xylene	<0.00202	U F1	0.0998	0.06893	F1	mg/Kg		69	70 - 130	0	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	127		70 - 130								
1,4-Difluorobenzene (Surr)	106		70 - 130								

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

Lab Sample ID: MB 880-15730/1-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15730

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		12/29/21 13:57	12/31/21 11:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 11:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 11:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				12/29/21 13:57	12/31/21 11:25	1
o-Terphenyl	122		70 - 130				12/29/21 13:57	12/31/21 11:25	1

Lab Sample ID: LCS 880-15730/2-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	952.7		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1199		mg/Kg		120	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	108		70 - 130						
o-Terphenyl	86		70 - 130						

Lab Sample ID: LCSD 880-15730/3-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15730

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1014		mg/Kg		101	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1322	*+	mg/Kg		132	70 - 130	10	20

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-15730/3-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15730

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-1749-A-1-F MS

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 15730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	498	479.6		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *	498	428.5		mg/Kg		86	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	72		70 - 130

Lab Sample ID: 890-1749-A-1-G MSD

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 15730

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	<49.9	U	500	482.3		mg/Kg		91	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U *	500	425.5		mg/Kg		85	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	71		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-15755/1-A

Matrix: Solid

Analysis Batch: 15821

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			12/31/21 07:03	1

Lab Sample ID: LCS 880-15755/2-A

Matrix: Solid

Analysis Batch: 15821

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.8		mg/Kg		100	90 - 110

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-15755/3-A

Matrix: Solid

Analysis Batch: 15821

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	253.3		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-9747-A-3-D MS

Matrix: Solid

Analysis Batch: 15821

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.04	U	252	262.9		mg/Kg		103	90 - 110		

Lab Sample ID: 880-9747-A-3-E MSD

Matrix: Solid

Analysis Batch: 15821

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.04	U	252	259.9		mg/Kg		101	90 - 110	1	20

Lab Sample ID: MB 880-16513/1-A

Matrix: Solid

Analysis Batch: 16514

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			01/11/22 13:43	1

Lab Sample ID: LCS 880-16513/2-A

Matrix: Solid

Analysis Batch: 16514

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	254.0		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-16513/3-A

Matrix: Solid

Analysis Batch: 16514

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	254.0		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-9832-A-3-D MS

Matrix: Solid

Analysis Batch: 16514

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13.9		250	282.8		mg/Kg		108	90 - 110		

Lab Sample ID: 880-9832-A-3-E MSD

Matrix: Solid

Analysis Batch: 16514

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13.9		250	280.9		mg/Kg		107	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 15695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-4	S-3 (0 -0.5')	Total/NA	Solid	5035	
880-9746-5	S-4 (0 -0.5')	Total/NA	Solid	5035	
MB 880-15695/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15695/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15695/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9746-4 MS	S-3 (0 -0.5')	Total/NA	Solid	5035	
880-9746-4 MSD	S-3 (0 -0.5')	Total/NA	Solid	5035	

Prep Batch: 15709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-9746-3	S-2 (0 -0.5')	Total/NA	Solid	5035	
MB 880-15709/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15709/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15709/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9746-2 MS	S-1 (1-1.5')	Total/NA	Solid	5035	
880-9746-2 MSD	S-1 (1-1.5')	Total/NA	Solid	5035	

Prep Batch: 15736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-1	S-1 (0-1')	Total/NA	Solid	5035	
880-9746-7	S-6 (0 -0.5')	Total/NA	Solid	5035	
MB 880-15736/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15736/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15736/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9746-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-9746-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 15788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-1	S-1 (0-1')	Total/NA	Solid	8021B	15736
880-9746-7	S-6 (0 -0.5')	Total/NA	Solid	8021B	15736
MB 880-15736/5-A	Method Blank	Total/NA	Solid	8021B	15736
LCS 880-15736/1-A	Lab Control Sample	Total/NA	Solid	8021B	15736
LCSD 880-15736/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15736
880-9746-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	15736
880-9746-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	15736

Prep Batch: 15812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-6	S-5 (0 -0.5')	Total/NA	Solid	5035	
MB 880-15812/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15812/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15812/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9746-6 MS	S-5 (0 -0.5')	Total/NA	Solid	5035	
880-9746-6 MSD	S-5 (0 -0.5')	Total/NA	Solid	5035	

Analysis Batch: 15833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-9746-2	S-1 (1-1.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 15833 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-4	S-3 (0 -0.5')	Total/NA	Solid	Total BTEX	
880-9746-7	S-6 (0 -0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 15844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-6	S-5 (0 -0.5')	Total/NA	Solid	8021B	15812
MB 880-15812/5-A	Method Blank	Total/NA	Solid	8021B	15812
LCS 880-15812/1-A	Lab Control Sample	Total/NA	Solid	8021B	15812
LCSD 880-15812/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15812
880-9746-6 MS	S-5 (0 -0.5')	Total/NA	Solid	8021B	15812
880-9746-6 MSD	S-5 (0 -0.5')	Total/NA	Solid	8021B	15812

Analysis Batch: 15845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-4	S-3 (0 -0.5')	Total/NA	Solid	8021B	15695
880-9746-5	S-4 (0 -0.5')	Total/NA	Solid	8021B	15695
MB 880-15695/5-A	Method Blank	Total/NA	Solid	8021B	15695
LCS 880-15695/1-A	Lab Control Sample	Total/NA	Solid	8021B	15695
LCSD 880-15695/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15695
880-9746-4 MS	S-3 (0 -0.5')	Total/NA	Solid	8021B	15695
880-9746-4 MSD	S-3 (0 -0.5')	Total/NA	Solid	8021B	15695

Analysis Batch: 15877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-2	S-1 (1-1.5')	Total/NA	Solid	8021B	15709
880-9746-3	S-2 (0 -0.5')	Total/NA	Solid	8021B	15709
MB 880-15709/5-A	Method Blank	Total/NA	Solid	8021B	15709
LCS 880-15709/1-A	Lab Control Sample	Total/NA	Solid	8021B	15709
LCSD 880-15709/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15709
880-9746-2 MS	S-1 (1-1.5')	Total/NA	Solid	8021B	15709
880-9746-2 MSD	S-1 (1-1.5')	Total/NA	Solid	8021B	15709

Analysis Batch: 15908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-3	S-2 (0 -0.5')	Total/NA	Solid	Total BTEX	
880-9746-5	S-4 (0 -0.5')	Total/NA	Solid	Total BTEX	
880-9746-6	S-5 (0 -0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 15730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-9746-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-9746-3	S-2 (0 -0.5')	Total/NA	Solid	8015NM Prep	
880-9746-4	S-3 (0 -0.5')	Total/NA	Solid	8015NM Prep	
880-9746-5	S-4 (0 -0.5')	Total/NA	Solid	8015NM Prep	
880-9746-6	S-5 (0 -0.5')	Total/NA	Solid	8015NM Prep	
880-9746-7	S-6 (0 -0.5')	Total/NA	Solid	8015NM Prep	
MB 880-15730/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-15730/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 15730 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-15730/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1749-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1749-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 15823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-1	S-1 (0-1')	Total/NA	Solid	8015B NM	15730
880-9746-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	15730
880-9746-3	S-2 (0 -0.5')	Total/NA	Solid	8015B NM	15730
880-9746-4	S-3 (0 -0.5')	Total/NA	Solid	8015B NM	15730
880-9746-5	S-4 (0 -0.5')	Total/NA	Solid	8015B NM	15730
880-9746-6	S-5 (0 -0.5')	Total/NA	Solid	8015B NM	15730
880-9746-7	S-6 (0 -0.5')	Total/NA	Solid	8015B NM	15730
MB 880-15730/1-A	Method Blank	Total/NA	Solid	8015B NM	15730
LCS 880-15730/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	15730
LCSD 880-15730/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	15730
890-1749-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	15730
890-1749-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	15730

Analysis Batch: 15912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-9746-2	S-1 (1-1.5')	Total/NA	Solid	8015 NM	
880-9746-3	S-2 (0 -0.5')	Total/NA	Solid	8015 NM	
880-9746-4	S-3 (0 -0.5')	Total/NA	Solid	8015 NM	
880-9746-5	S-4 (0 -0.5')	Total/NA	Solid	8015 NM	
880-9746-6	S-5 (0 -0.5')	Total/NA	Solid	8015 NM	
880-9746-7	S-6 (0 -0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 15755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-9746-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-9746-3	S-2 (0 -0.5')	Soluble	Solid	DI Leach	
880-9746-4	S-3 (0 -0.5')	Soluble	Solid	DI Leach	
880-9746-5	S-4 (0 -0.5')	Soluble	Solid	DI Leach	
880-9746-7	S-6 (0 -0.5')	Soluble	Solid	DI Leach	
MB 880-15755/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-15755/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-15755/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9747-A-3-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-9747-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 15821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-1	S-1 (0-1')	Soluble	Solid	300.0	15755
880-9746-2	S-1 (1-1.5')	Soluble	Solid	300.0	15755
880-9746-3	S-2 (0 -0.5')	Soluble	Solid	300.0	15755
880-9746-4	S-3 (0 -0.5')	Soluble	Solid	300.0	15755

Eurofins Midland

QC Association Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 15821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-5	S-4 (0 -0.5')	Soluble	Solid	300.0	15755
880-9746-7	S-6 (0 -0.5')	Soluble	Solid	300.0	15755
MB 880-15755/1-A	Method Blank	Soluble	Solid	300.0	15755
LCS 880-15755/2-A	Lab Control Sample	Soluble	Solid	300.0	15755
LCSD 880-15755/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	15755
880-9747-A-3-D MS	Matrix Spike	Soluble	Solid	300.0	15755
880-9747-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	15755

Leach Batch: 16513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-6	S-5 (0 -0.5')	Soluble	Solid	DI Leach	
MB 880-16513/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16513/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16513/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9832-A-3-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-9832-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 16514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9746-6	S-5 (0 -0.5')	Soluble	Solid	300.0	16513
MB 880-16513/1-A	Method Blank	Soluble	Solid	300.0	16513
LCS 880-16513/2-A	Lab Control Sample	Soluble	Solid	300.0	16513
LCSD 880-16513/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16513
880-9832-A-3-D MS	Matrix Spike	Soluble	Solid	300.0	16513
880-9832-A-3-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	16513

Lab Chronicle

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-9746-1

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15736	12/29/21 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15788	12/30/21 15:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15833	12/31/21 11:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 15:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 07:53	CH	XEN MID

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-9746-2

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15709	01/03/22 09:02	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15877	01/03/22 14:00	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15833	12/31/21 11:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 15:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 08:01	CH	XEN MID

Client Sample ID: S-2 (0 -0.5')

Lab Sample ID: 880-9746-3

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15709	01/03/22 09:02	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15877	01/03/22 14:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 16:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 08:10	CH	XEN MID

Client Sample ID: S-3 (0 -0.5')

Lab Sample ID: 880-9746-4

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15695	01/03/22 08:26	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15845	01/03/22 12:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15833	12/31/21 11:17	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-3 (0 -0.5')

Lab Sample ID: 880-9746-4

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15912	01/03/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 16:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 08:18	CH	XEN MID

Client Sample ID: S-4 (0 -0.5')

Lab Sample ID: 880-9746-5

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15695	01/03/22 08:26	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15845	01/03/22 13:10	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 17:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 08:43	CH	XEN MID

Client Sample ID: S-5 (0 -0.5')

Lab Sample ID: 880-9746-6

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15812	12/30/21 14:12	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15844	01/01/22 22:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 17:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16513	01/11/22 11:37	CH	XEN MID
Soluble	Analysis	300.0		1			16514	01/11/22 17:49	CH	XEN MID

Client Sample ID: S-6 (0 -0.5')

Lab Sample ID: 880-9746-7

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15736	12/29/21 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15788	12/30/21 17:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15833	12/31/21 11:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 17:56	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Client Sample ID: S-6 (0 -0.5') Lab Sample ID: 880-9746-7
Date Collected: 12/28/21 00:00 Matrix: Solid
Date Received: 12/29/21 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 09:00	CH	XEN MID

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

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Accreditation/Certification Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9746-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-9746-1	S-1 (0-1')	Solid	12/28/21 00:00	12/29/21 10:47
880-9746-2	S-1 (1-1.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9746-3	S-2 (0 -0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9746-4	S-3 (0 -0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9746-5	S-4 (0 -0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9746-6	S-5 (0 -0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9746-7	S-6 (0 -0.5')	Solid	12/28/21 00:00	12/29/21 10:47



Chain of Custody

Project Manager	Mike Carmona	Bill to (if different)	Jacqui Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds BLVD	Address	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving NM 88256
Phone	432-312-7736	Email	jacquiharris@comocophilips.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

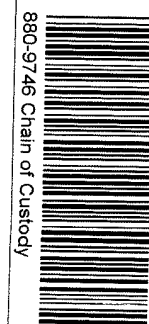
Deliverables EDD ☐ ADAPT ☐ Other ☐

[illegible][illegible]

Additional Comments:

notice. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and sub-contractors. It assigns standard terms and conditions of service. Xencio 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 Xencio. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, 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
Nick Hart	[Signature]	2/29/21	2		
		10.4.74	4		
			6		



880-9/46 Chain of Custody

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-9746-1

SDG Number: Lea Co, NM

Login Number: 9746

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins 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.	N/A	No time on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-9747-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: King Air 8 Federal Com 4H (12.23.21)

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:
1/3/2022 2:47:44 PM

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

LINKS

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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: King Air 8 Federal Com 4H (12.23.21)

Laboratory Job ID: 880-9747-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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

Case Narrative

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Job ID: 880-9747-1

Laboratory: Eurofins Xenco, Midland**Narrative****Job Narrative
880-9747-1****Receipt**

The samples were received on 12/29/2021 10:47 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 12.5°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-15736 and analytical batch 880-15788 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-4 (0-0.5') (880-9747-4), H-5 (0-0.5') (880-9747-5), H-6 (0-0.5') (880-9747-6) and (880-9746-A-1-D). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-15730 and analytical batch 880-15823 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-9747-1

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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		12/29/21 14:29	12/30/21 17:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 17:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 17:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/21 14:29	12/30/21 17:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 17:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/21 14:29	12/30/21 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/29/21 14:29	12/30/21 17:26	1
1,4-Difluorobenzene (Surr)	101		70 - 130	12/29/21 14:29	12/30/21 17:26	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/03/22 13:55	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		12/29/21 13:57	12/31/21 18:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		12/29/21 13:57	12/31/21 18:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	12/29/21 13:57	12/31/21 18:17	1
o-Terphenyl	82		70 - 130	12/29/21 13:57	12/31/21 18:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.95		4.99		mg/Kg			12/31/21 09:08	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-9747-2

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/29/21 14:29	12/30/21 17:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/29/21 14:29	12/30/21 17:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/29/21 14:29	12/30/21 17:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/29/21 14:29	12/30/21 17:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/29/21 14:29	12/30/21 17:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/29/21 14:29	12/30/21 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	12/29/21 14:29	12/30/21 17:46	1
1,4-Difluorobenzene (Surr)	90		70 - 130	12/29/21 14:29	12/30/21 17:46	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-9747-2

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/03/22 14:08	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		12/29/21 13:57	12/31/21 18:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		12/29/21 13:57	12/31/21 18:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/21 13:57	12/31/21 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				12/29/21 13:57	12/31/21 18:37	1
o-Terphenyl	78		70 - 130				12/29/21 13:57	12/31/21 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			12/31/21 09:17	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-9747-3

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/29/21 14:29	12/30/21 18:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/29/21 14:29	12/30/21 18:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/29/21 14:29	12/30/21 18:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/29/21 14:29	12/30/21 18:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/29/21 14:29	12/30/21 18:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/29/21 14:29	12/30/21 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/29/21 14:29	12/30/21 18:07	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/29/21 14:29	12/30/21 18:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/03/22 14:08	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		12/29/21 13:57	12/31/21 18:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		12/29/21 13:57	12/31/21 18:58	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-9747-3

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				12/29/21 13:57	12/31/21 18:58	1
o-Terphenyl	85		70 - 130				12/29/21 13:57	12/31/21 18:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			12/31/21 09:25	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-9747-4

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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		12/29/21 14:29	12/30/21 19:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 19:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 19:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/21 14:29	12/30/21 19:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 19:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/21 14:29	12/30/21 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130				12/29/21 14:29	12/30/21 19:28	1
1,4-Difluorobenzene (Surr)	90		70 - 130				12/29/21 14:29	12/30/21 19:28	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/03/22 14:08	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		12/29/21 13:57	12/31/21 19:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9		mg/Kg		12/29/21 13:57	12/31/21 19:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/29/21 13:57	12/31/21 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				12/29/21 13:57	12/31/21 19:19	1
o-Terphenyl	85		70 - 130				12/29/21 13:57	12/31/21 19:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.30		4.98		mg/Kg			12/31/21 09:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-9747-5

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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		12/29/21 14:29	12/30/21 19:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 19:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 19:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/29/21 14:29	12/30/21 19:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/21 14:29	12/30/21 19:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/21 14:29	12/30/21 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	12/29/21 14:29	12/30/21 19:49	1
1,4-Difluorobenzene (Surr)	80		70 - 130	12/29/21 14:29	12/30/21 19:49	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/03/22 14:08	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		12/29/21 13:57	12/31/21 19:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0		mg/Kg		12/29/21 13:57	12/31/21 19:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	12/29/21 13:57	12/31/21 19:40	1
o-Terphenyl	84		70 - 130	12/29/21 13:57	12/31/21 19:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			12/31/21 09:58	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-9747-6

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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		12/29/21 14:29	12/30/21 20:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 20:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 20:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/29/21 14:29	12/30/21 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 20:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/29/21 14:29	12/30/21 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	12/29/21 14:29	12/30/21 20:09	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/29/21 14:29	12/30/21 20:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-9747-6

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/03/22 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/03/22 14:08	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		12/29/21 13:57	12/31/21 20:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		12/29/21 13:57	12/31/21 20:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				12/29/21 13:57	12/31/21 20:00	1
o-Terphenyl	82		70 - 130				12/29/21 13:57	12/31/21 20:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			12/31/21 10:23	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea 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)
880-9746-A-1-B MS	Matrix Spike	124	79
880-9746-A-1-C MSD	Matrix Spike Duplicate	116	92
880-9747-1	H-1 (0-0.5')	104	101
880-9747-2	H-2 (0-0.5')	126	90
880-9747-3	H-3 (0-0.5')	118	88
880-9747-4	H-4 (0-0.5')	156 S1+	90
880-9747-5	H-5 (0-0.5')	117	80
880-9747-6	H-6 (0-0.5')	134 S1+	111
LCS 880-15736/1-A	Lab Control Sample	144 S1+	110
LCSD 880-15736/2-A	Lab Control Sample Dup	109	99
MB 880-15736/5-A	Method Blank	103	105
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)
880-9747-1	H-1 (0-0.5')	91	82
880-9747-2	H-2 (0-0.5')	88	78
880-9747-3	H-3 (0-0.5')	94	85
880-9747-4	H-4 (0-0.5')	93	85
880-9747-5	H-5 (0-0.5')	91	84
880-9747-6	H-6 (0-0.5')	92	82
890-1749-A-1-F MS	Matrix Spike	84	72
890-1749-A-1-G MSD	Matrix Spike Duplicate	83	71
LCS 880-15730/2-A	Lab Control Sample	108	86
LCSD 880-15730/3-A	Lab Control Sample Dup	114	91
MB 880-15730/1-A	Method Blank	116	122
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-15736/5-A

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15736

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/21 14:29	12/30/21 14:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/29/21 14:29	12/30/21 14:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	12/29/21 14:29	12/30/21 14:42	1
1,4-Difluorobenzene (Surr)	105		70 - 130	12/29/21 14:29	12/30/21 14:42	1

Lab Sample ID: LCS 880-15736/1-A

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08657		mg/Kg		87	70 - 130
Toluene	0.100	0.09264		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09669		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.2048		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-15736/2-A

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07239		mg/Kg		72	70 - 130	18	35
Toluene	0.100	0.07560		mg/Kg		76	70 - 130	20	35
Ethylbenzene	0.100	0.07364		mg/Kg		74	70 - 130	27	35
m-Xylene & p-Xylene	0.200	0.1618		mg/Kg		81	70 - 130	23	35
o-Xylene	0.100	0.08266		mg/Kg		83	70 - 130	22	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-9746-A-1-B MS

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.101	0.05309	F1	mg/Kg		53	70 - 130
Toluene	<0.00200	U F1	0.101	0.06625	F1	mg/Kg		66	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-9746-A-1-B MS

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00200	U	0.101	0.07124		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.202	0.1407		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.101	0.07366		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	124		70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: 880-9746-A-1-C MSD

Matrix: Solid

Analysis Batch: 15788

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 15736

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.05242	F1	mg/Kg		52	70 - 130	1	35
Toluene	<0.00200	U F1	0.100	0.06213	F1	mg/Kg		62	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.07132		mg/Kg		71	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1372	F1	mg/Kg		69	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.07030		mg/Kg		70	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 880-15730/1-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 15730

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		12/29/21 13:57	12/31/21 11:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 11:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/29/21 13:57	12/31/21 11:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	12/29/21 13:57	12/31/21 11:25	1
o-Terphenyl	122		70 - 130	12/29/21 13:57	12/31/21 11:25	1

Lab Sample ID: LCS 880-15730/2-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15730

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	952.7		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1199		mg/Kg		120	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-15730/2-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 15730

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: LCSD 880-15730/3-A

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 15730

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1014		mg/Kg		101	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1322	*+	mg/Kg		132	70 - 130	10	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-1749-A-1-F MS

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 15730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	498	479.6		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	498	428.5		mg/Kg		86	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	72		70 - 130

Lab Sample ID: 890-1749-A-1-G MSD

Matrix: Solid

Analysis Batch: 15823

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 15730

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	<49.9	U	500	482.3		mg/Kg		91	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	500	425.5		mg/Kg		85	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	83		70 - 130
o-Terphenyl	71		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-15755/1-A

Matrix: Solid

Analysis Batch: 15821

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			12/31/21 07:03	1

Lab Sample ID: LCS 880-15755/2-A

Matrix: Solid

Analysis Batch: 15821

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.8		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-15755/3-A

Matrix: Solid

Analysis Batch: 15821

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	253.3		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-9747-3 MS

Matrix: Solid

Analysis Batch: 15821

Client Sample ID: H-3 (0-0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<5.04	U	252	262.9		mg/Kg		103	90 - 110

Lab Sample ID: 880-9747-3 MSD

Matrix: Solid

Analysis Batch: 15821

Client Sample ID: H-3 (0-0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<5.04	U	252	259.9		mg/Kg		101	90 - 110	1	20

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QC Association Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 15736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9747-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-9747-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-9747-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-9747-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-9747-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-9747-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-15736/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-15736/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-15736/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-9746-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-9746-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 15788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9747-1	H-1 (0-0.5')	Total/NA	Solid	8021B	15736
880-9747-2	H-2 (0-0.5')	Total/NA	Solid	8021B	15736
880-9747-3	H-3 (0-0.5')	Total/NA	Solid	8021B	15736
880-9747-4	H-4 (0-0.5')	Total/NA	Solid	8021B	15736
880-9747-5	H-5 (0-0.5')	Total/NA	Solid	8021B	15736
880-9747-6	H-6 (0-0.5')	Total/NA	Solid	8021B	15736
MB 880-15736/5-A	Method Blank	Total/NA	Solid	8021B	15736
LCS 880-15736/1-A	Lab Control Sample	Total/NA	Solid	8021B	15736
LCSD 880-15736/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	15736
880-9746-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	15736
880-9746-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	15736

Analysis Batch: 15908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9747-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-9747-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-9747-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-9747-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-9747-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-9747-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 15730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9747-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-9747-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-9747-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-9747-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-9747-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-9747-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-15730/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-15730/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-15730/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1749-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1749-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

GC Semi VOA

Analysis Batch: 15823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9747-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	15730
880-9747-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	15730
880-9747-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	15730
880-9747-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	15730
880-9747-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	15730
880-9747-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	15730
MB 880-15730/1-A	Method Blank	Total/NA	Solid	8015B NM	15730
LCS 880-15730/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	15730
LCSD 880-15730/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	15730
890-1749-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	15730
890-1749-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	15730

Analysis Batch: 15912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9747-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-9747-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-9747-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-9747-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-9747-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-9747-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 15755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9747-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-9747-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-9747-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-9747-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-9747-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-9747-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-15755/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-15755/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-15755/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9747-3 MS	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-9747-3 MSD	H-3 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 15821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9747-1	H-1 (0-0.5')	Soluble	Solid	300.0	15755
880-9747-2	H-2 (0-0.5')	Soluble	Solid	300.0	15755
880-9747-3	H-3 (0-0.5')	Soluble	Solid	300.0	15755
880-9747-4	H-4 (0-0.5')	Soluble	Solid	300.0	15755
880-9747-5	H-5 (0-0.5')	Soluble	Solid	300.0	15755
880-9747-6	H-6 (0-0.5')	Soluble	Solid	300.0	15755
MB 880-15755/1-A	Method Blank	Soluble	Solid	300.0	15755
LCS 880-15755/2-A	Lab Control Sample	Soluble	Solid	300.0	15755
LCSD 880-15755/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	15755
880-9747-3 MS	H-3 (0-0.5')	Soluble	Solid	300.0	15755
880-9747-3 MSD	H-3 (0-0.5')	Soluble	Solid	300.0	15755

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-9747-1

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15736	12/29/21 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15788	12/30/21 17:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 13:55	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 18:17	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 09:08	CH	XEN MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-9747-2

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	15736	12/29/21 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15788	12/30/21 17:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 18:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 09:17	CH	XEN MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-9747-3

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	15736	12/29/21 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15788	12/30/21 18:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 18:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 09:25	CH	XEN MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-9747-4

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15736	12/29/21 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15788	12/30/21 19:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea Co, NM

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-9747-4

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 19:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 09:50	CH	XEN MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-9747-5

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15736	12/29/21 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15788	12/30/21 19:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 19:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 09:58	CH	XEN MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-9747-6

Date Collected: 12/28/21 00:00

Matrix: Solid

Date Received: 12/29/21 10:47

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	15736	12/29/21 14:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	15788	12/30/21 20:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			15908	01/03/22 13:25	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			15912	01/03/22 14:08	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	15730	12/29/21 13:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			15823	12/31/21 20:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	15755	12/29/21 16:19	CA	XEN MID
Soluble	Analysis	300.0		1			15821	12/31/21 10:23	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: King Air 8 Federal Com 4H (12.23.21)

Job ID: 880-9747-1
SDG: Lea 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	T104704400-21-22	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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global

Job ID: 880-9747-1

Project/Site: King Air 8 Federal Com 4H (12.23.21)

SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

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

Job ID: 880-9747-1

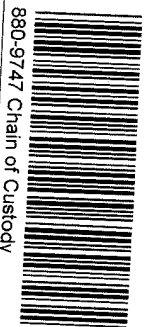
Project/Site: King Air 8 Federal Com 4H (12.23.21)

SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-9747-1	H-1 (0-0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9747-2	H-2 (0-0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9747-3	H-3 (0-0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9747-4	H-4 (0-0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9747-5	H-5 (0-0.5')	Solid	12/28/21 00:00	12/29/21 10:47
880-9747-6	H-6 (0-0.5')	Solid	12/28/21 00:00	12/29/21 10:47



Chain of Custody



880-9747 Chain of Custody

Project Manager	Mike Camrona	Bill to: (if different)	Jacquie Harris
Company Name:	NTG Environmental	Company Name:	COG
Address:	701 Tradewinds Blvd	Address:	15 W Loving Rd
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Loving, NM 88256
Phone:	432-312-7736	Email:	jacquieharris@conocophillips.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other	

Project Name	King Air 8 Federal Com 4H (12 23 21)	Turn Around	☐ Routine ☒ Rush	Due Date	48 Hrs	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number	215057																None NO	DI Water H ₂ O	
Project Location	Lea Co, NM																Cool Cool	MeOH Me	
Sample Name:	NH																HCL, HC	HNO ₃ HN	
PO #																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Thermometer ID	198	Parameters										HOLD	
Received In tact:	Yes ☒ No ☐	Correction Factor	1.0	Temperature Reading	12.4													H ₃ PO ₄ , HP	
Cooler Custody Seals:	Yes ☒ No ☐	Corrected Temperature:	12.5													NaHSO ₄ , NABIS			
Sample Custody Seals:	Yes ☒ No ☐															Na ₂ S ₂ O ₃ , NaSO ₃			
Total Containers:																Zn Acetate+NaOH Zn			
																NaOH+Ascorbic Acid SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
H-1 (0-0.5')		12/28/2021	-	X	-	G	1	X	X	X									
H-2 (0-0.5')		12/28/2021	-	X	-	G	1	X	X	X									
H-3 (0-0.5')		12/28/2021	-	X	-	G	1	X	X	X									
H-4 (0-0.5')		12/28/2021	-	X	-	G	1	X	X	X									
H-5 (0-0.5')		12/28/2021	-	X	-	G	1	X	X	X									
H-6 (0-0.5')		12/28/2021	-	X	-	G	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 \$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
1. Nichol Hart	[Signature]	12/24/21 10:47			
3					
5					

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-9747-1

SDG Number: Lea Co, NM

Login Number: 9747

List Source: Eurofins Xenco, Midland

List Number: 1

Creator: Rodriguez, Leticia

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.	N/A	No time on COC, logged in per container labels.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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 94728

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 94728
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	4/27/2022