Site Information

Closure Report
Salada Vista 36 State 2H (06.27.2021)
Eddy County, New Mexico
Unit D Sec 31 T19S R31E
32.622444°, -103.916726°

Produced Water & Crude Oil Release
Source: Tank fire resulting from lightning strike
Release Date: 7/26/2021
Volume Released: >25 bbls/PW

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

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

TABLE OF CONTENTS

FIGURES

TABLES/PHOTOLOG

APPENDICES

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

September 7, 2021

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

Re: Closure Report
Salada Vista 36 State 2H (06.27.21)
NAPP212031881
Concho Operating, LLC
Site Location: Unit D, S31, T19S, R31E
(Lat 32.622444º, Long -103.916726º)
Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for Salada Vista 36 State 2H (06.27.21). The site is located at 32.622444º, -103.916726º within Unit D, S31, T19S, R31E, and approximately 22.88 miles Northeast of Carlsbad, New Mexico, in Eddy County (Figures 1 and 2).

Background

Based on the initial information obtained from Concho Operating, LLC, the release was discovered on June 27, 2021. It resulted in the release of approximately thirty-five (35) barrels of produced water. About ten (10) barrels of produced water were recovered. The impacted area measured approximately 56' x 36', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water source within a ½ mile radius of the location. The nearest identified well is located approximately 1.11 miles Northwest of the site in S25, T19S, R30E. The well has a reported depth to groundwater of 22.5 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

On August 3, 2021, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 55' below the surface and within a ½ mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 55' below the surface. The coordinates for the groundwater determination bore are 32.233386 -103. 719410. See Appendix B for the Drillers log.

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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO+DRO).
- Chloride 10,000 mg/kg

Site Assessment

On July 12, 2021, New Tech Global Environmental, LLC conducted site assessment activities to assess soil impacts resulting from the release. NTGE personnel collected a total of eight (8) sample points that were advanced to depths ranging surface – 4.5 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.

Referring to Table 1, none of the samples collected showed benzene, total BTEX, or TPH concentrations above the RRALs. The areas of S1, S2, S3, and S4 showed chloride concentrations ranging from 9.98 mg/kg to 5,470 mg/kg, all sample points within containment.

On July 2, 2021, NTGE personnel advanced a hand auger at S-3 to a depth of 5.0 ft bgs to vertically delineate the sample point and showed a 76.3 mg/kg chloride concentration.

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 Xenco 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 collected are below the NMOCD regulatory criteria for TPH, BTEX, and chloride. Refer to Table 1.

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.

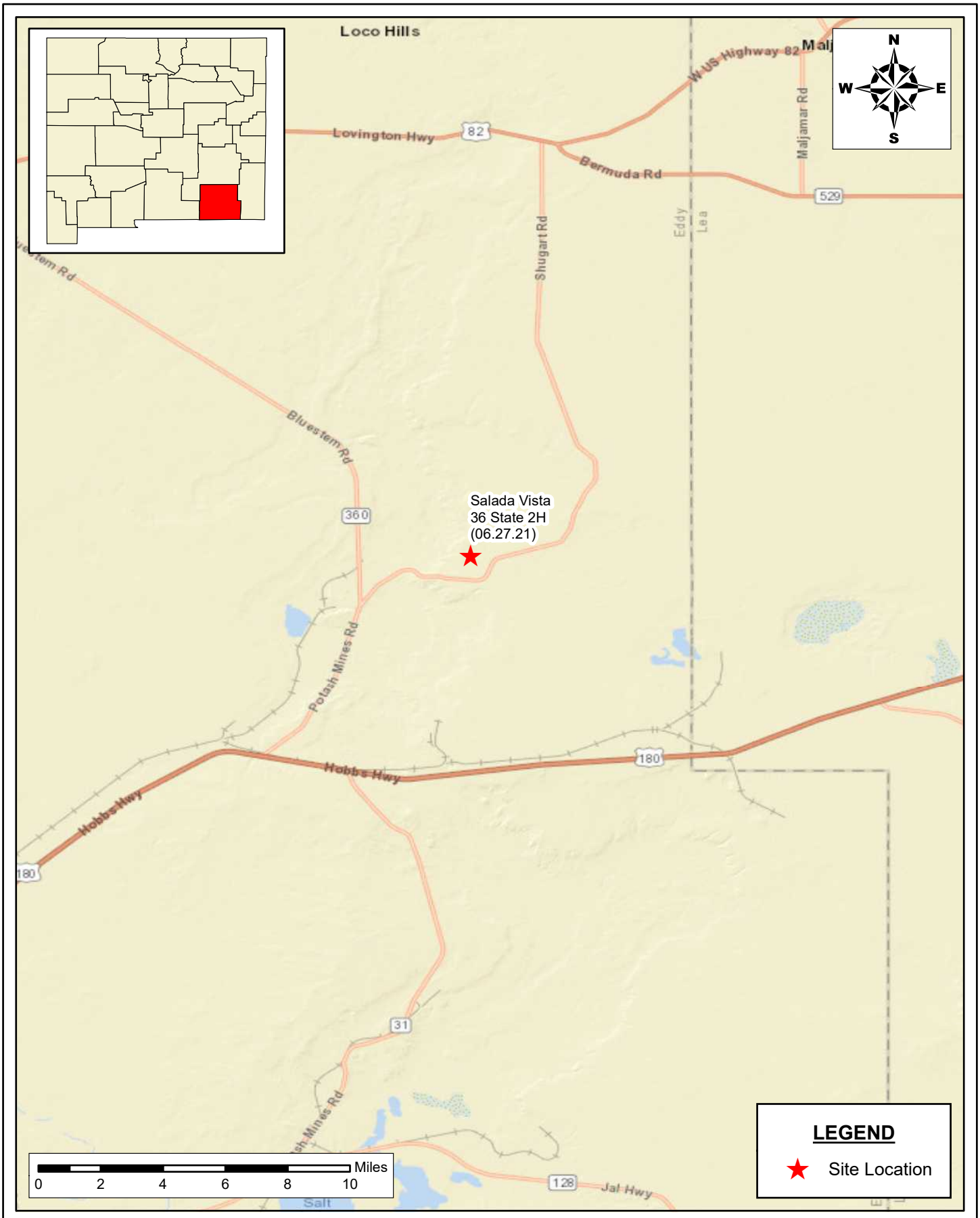
Sincerely,

NTG Environmental

Mike Carmona
Senior Project Manager

Conner Moehring
Project Manager

Figures



Document Path: P:\2021 PROJECTS\COP\214373 - Salada Vista 36 State 2H (06.27.21)\7 - Figures\GIS\Geodatabase\Figure_1_SLMap_07122021.mxd

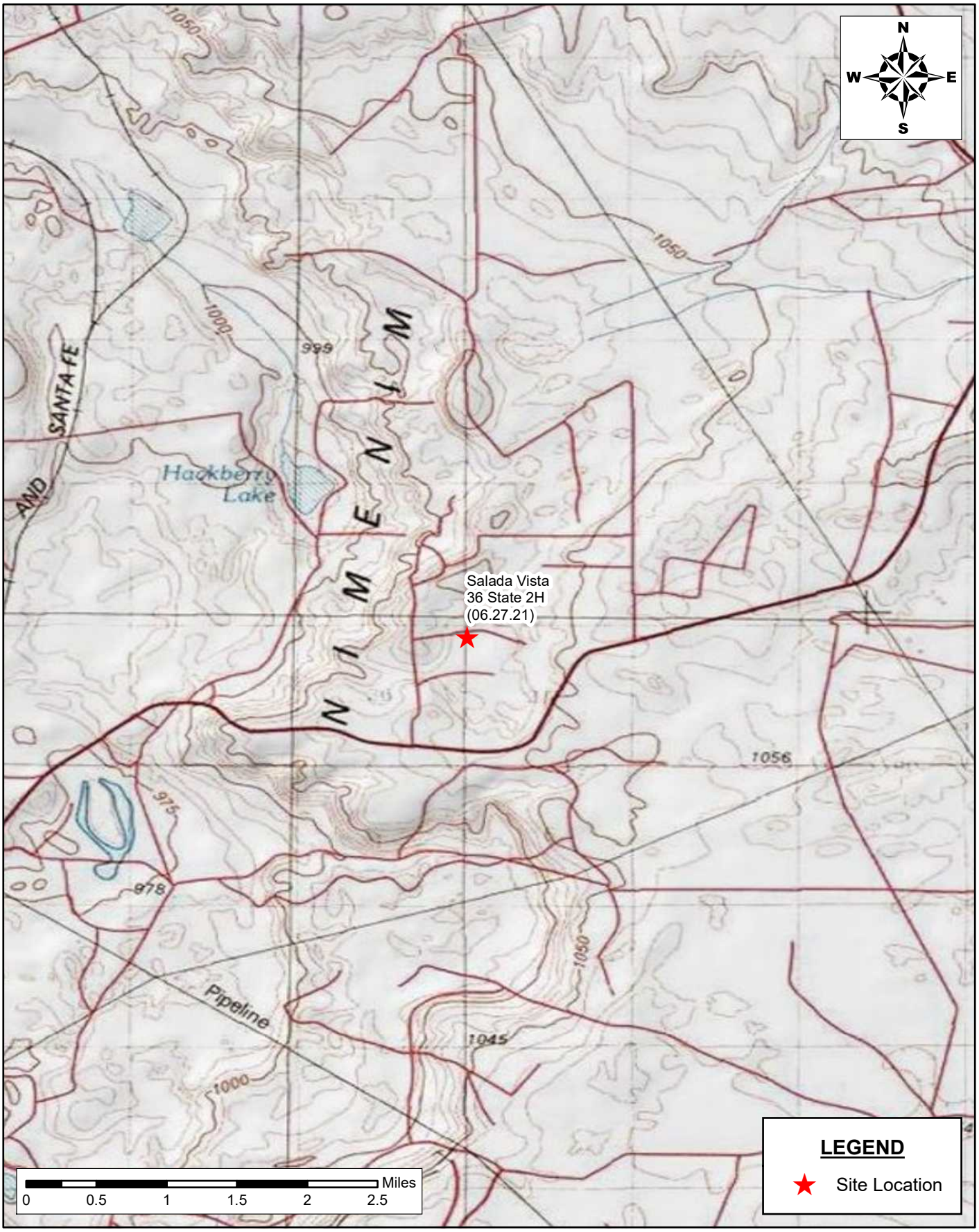
SITE LOCATION MAP
CONCHO OPERATING, LLC
SALADA VISTA 36 STATE 2H (06.27.21)
EDDY COUNTY, NEW MEXICO
32.622444, -103.916726

SCALE: As Shown	Date: 7/13/2021	PROJECT #: 214373

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



AREA MAP
CONCHO OPERATING, LLC
SALADA VISTA 36 STATE 2H (06.27.21)
EDDY COUNTY, NEW MEXICO
32.622444, -103.916726

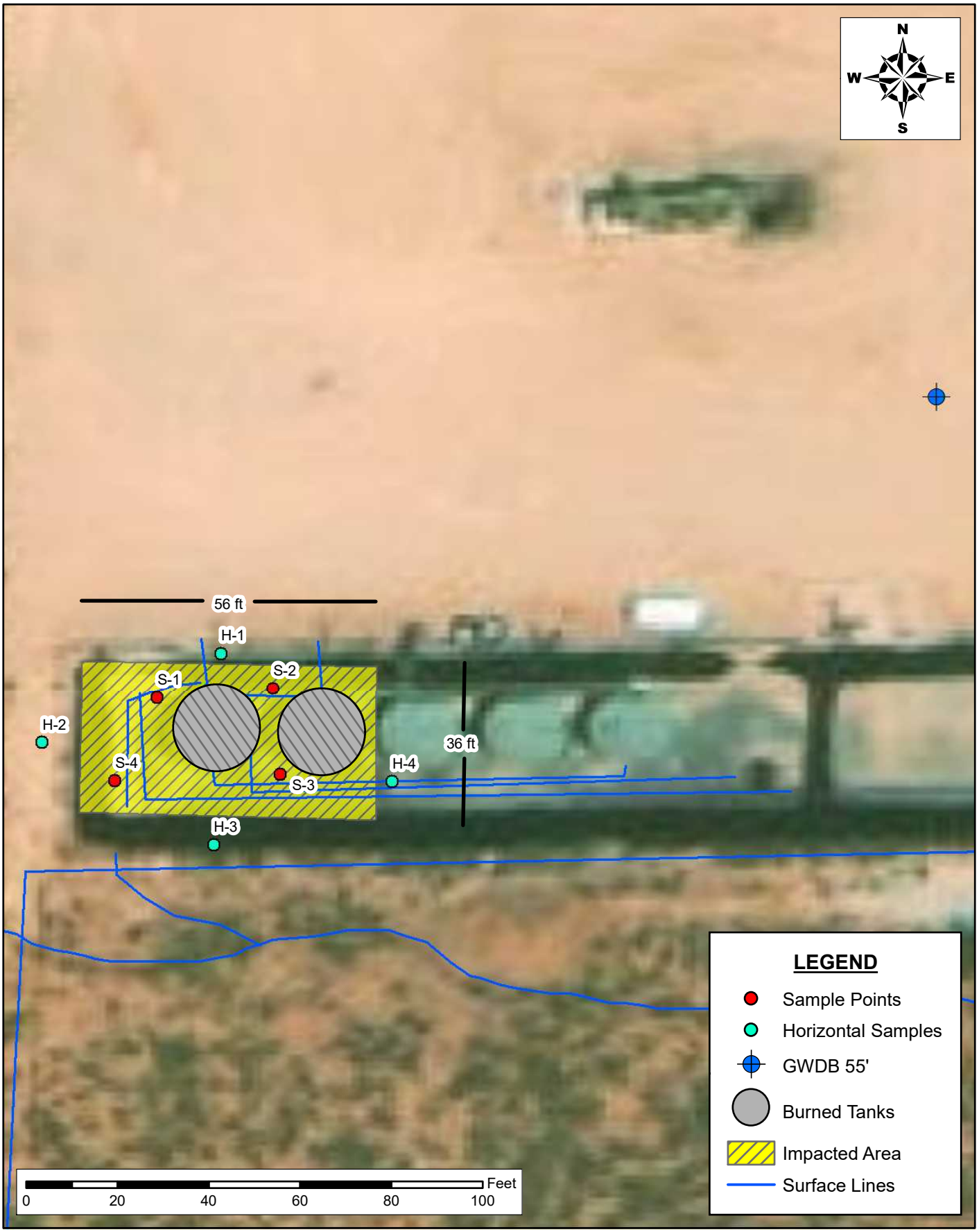
SCALE: As Shown | Date: 7/13/2021 | PROJECT #: 214373

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 2
SHEET NUMBER:
1 of 1

Document Path: P:\2021 PROJECTS\COP\214373 - Salada Vista 36 State 2H (06.27.21)\7 - Figures\GIS\Geodatabase\Figure_2_AreaMap_07132021.mxd



SAMPLE LOCATION MAP
CONCHO OPERATING, LLC
SALADA VISTA 36 STATE 2H (06.27.21)
EDDY COUNTY, NEW MEXICO
32.622444, -103.916726

SCALE: As Shown	Date: 8/11/2021	PROJECT #: 214373

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

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

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

Document Path: P:\2021 PROJECTS\COG\RSC\214373 - Salada Vista 36 State 2H (06.27.21)\7 - Figures\GIS\Geodatabase\Figure_3_SampleMap_07302021.mxd

Tables

Table 1
Concho Operating, LLC
Salada Vista 36 State 2H (06.27.21)
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	7/12/2021	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9.98
	"	1-1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.9
	"	2-2.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.2
S-2	7/12/2021	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	896
	"	1-1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	448
	"	2-2.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	973
	"	3-3.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	861
	"	4-4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	422
S-3	7/12/2021	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,470
	"	1-1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,100
	"	2-2.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,200
	"	3-3.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,040
	"	4-4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,090
	8/2/2021	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	20.8
S-4	7/12/2021	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	647
	"	1-1.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	254
	"	2-2.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	73.9
	"	3-3.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	76.3
H-1	7/12/2021	0-5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	106
H-2	7/12/2021	0-5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	41.3
H-3	7/12/2021	0-5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.3
H-4	7/12/2021	0-5'	53.9	<50.0	<50.0	53.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	84.5
Regulatory Limits			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**10,000 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: Salada Vista 36 State 2H (06.27.2021)

County: Eddy County, New Mexico

Description:
View Southeast, areas of S-1 and S-2

Photograph No. 2

Facility: Salada Vista 36 State 2H (06.27.2021)

County: Eddy County, New Mexico

Description:
View Southeast, area of S-1 and S-4

Photograph No. 3

Facility: Salada Vista 36 State 2H (06.27.2021)

County: Eddy County, New Mexico

Description:
View Northeast, area of S-3

PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Salada Vista 36 State 2H (06.27.2021)

County: Eddy County, New Mexico

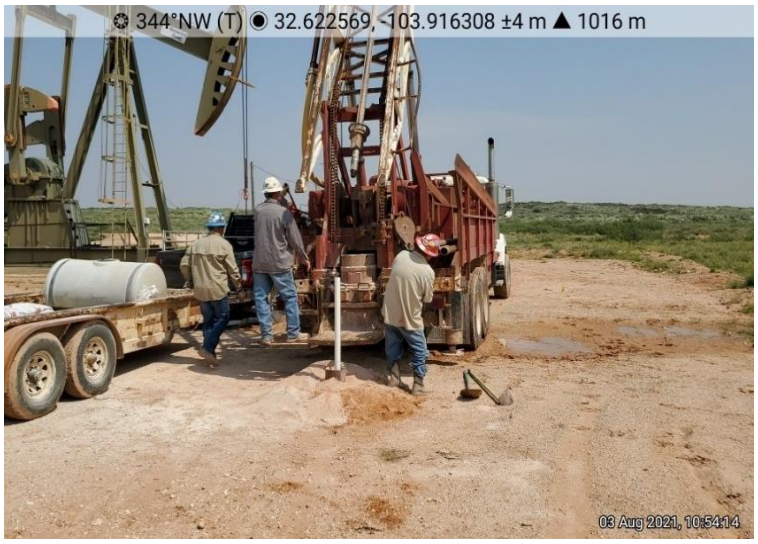
Description:
View West, area of S-3 and S-4

Photograph No. 5

Facility: Salada Vista 36 State 2H (06.27.2021)

County: Eddy County, New Mexico

Description:
View of groundwater determination bore being installed.

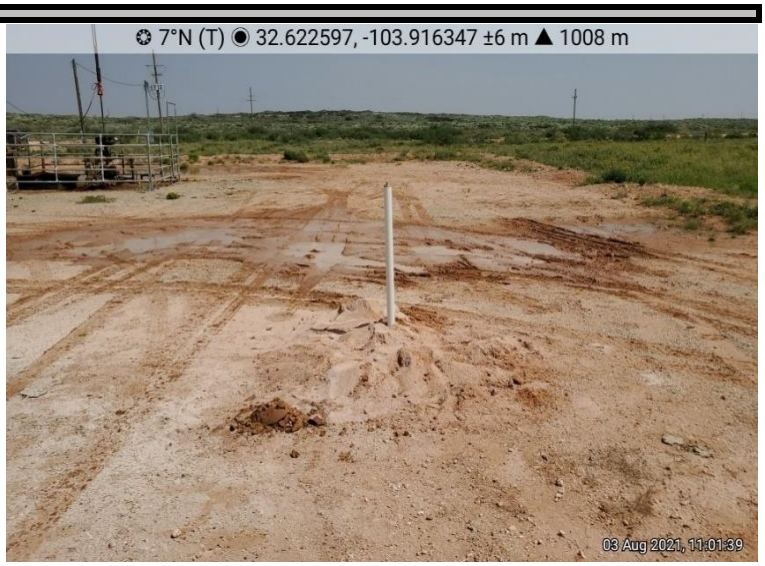


Photograph No. 6

Facility: Salada Vista 36 State 2H (06.27.2021)

County: Eddy County, New Mexico

Description:
View North, of installed groundwater determination bore.



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	
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		

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ 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 not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

L48 Spill Volume Estimate Form

Facility Name & Number:	Salada Vista 36 State 2
Asset Area:	DBWN
Release Discovery Date & Time:	6/27/2021
Release Type:	Produced Water
Provide any known details about the event:	Lightening strike- caused fire and fire burnt PW tanks.- gravel/poly lined secondary containment. Estimate is for fluid remaining after fire.

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated *Pool* Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	50.0	35.0	0.25	1	1750.000	0.021	6.490	0.001	6.496			
Rectangle B	25.0	35.0	0.75	3	875.000	0.021	3.245	0.001	3.248			
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
								Total Volume Release:	9.745			

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

- ☐ 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

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: Jacqui Harris Date: 9.27.21

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

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: Jacqui Harris Date: 9.27.21

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Appendix B

Groundwater Determination Bore

COG Operating, LLC

Legend

- 0.50 Mile Radius
- Groundwater Determination Bore
- Salada Vista 36 State 2H (06.27.2021)

GWDB

Salada Vista 36 State 2H (06.27.2021)

222

Shugart Rd

N

1000 ft

Google Earth

NTG ENVIRONMENTAL

Project Name :	**Salada Vista 36 St. 2H (06.27.21)**	**Date :**	Tuesday, August 3, 2021
Project No. :	**214373**	**Sampler :**	**Nick Hart**
Location :	**Eddy Co, New Mexico**		
Coordinates :	**32.6227303°, -103.9164886°**	**Driller :**	**Scarborough Drilling**
Elevation :	**3,330'**	**Method :**	**Air Rotary**

Depth (ft.)	WL	Soil Description	Lithology
0		(0') - Dark reddish brown, coarse to fine grained loose sand. <5% caliche gravel angular to sub-angular (SM). Dry	
5		(7') - Yellowish orange, medium to fine grained, sub-rounded to well-rounded loose sandy clay (SC). Dry	
10			
15			
20		(20') - Reddish yellow, medium to fine grained, sub-rounded to well-rounded loose sand with >50% sandy clay (SC). Dry	
25			
30			
35			
40		(40') - Reddish yellow/light brown, fine-grained very loose sand/silt with >50% sand. Slight clay plasticity (ML). Dry	
45		(45') - Pinkish white, >50% fine grained loose sand. Some well rounded gravel (CL). Dry	
50			

Depth (ft.)	WL	Soil Description	Lithology
50			
55		(55') - Yellowish red with >50% loose fine graveled sand and <10% rounded gravel (CL). Dry\	
60			
65			
70			
75			
80			
85			
90			
95			
100			

Comments : *Total Depth 55' bgs*
Drilling Terminated @ 12:00 CT No groundwater present

On 8/9/2021 No groundwater present

Nearest Water Well

Concho Operating, LLC

180' - Drilled 1998

65' - Drilled 2011

22.50' - Drilled 1994

118.81' - Drilled 1994

Shugart Rd

222

Salada Vista 36 State 2H (06.27.2021)

Legend

- 0.50 Mile Radius
- 1.11 Miles
- 1.32 Miles
- USGS Water Well
- 2.00 Miles
- 2.16 Miles
- NMSEO Water Well
- Salada Vista 36 State 2H (06.27.2021)

Google Earth

1 mi

N

Low Karst

Concho Operating, LLC

Legend

LOW

Salada Vista 36 State 2H

Bluestem Rd

Salada Vista 36 State 2H

360

Potash Mines Rd

243

Buffalo Grass Rd

176

62

Hobbs Hwy

N

4 mi

Google Earth

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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
CP 00641 POD1		CP	ED		4	1	36	19S	31E	610247	3609634*	300	130	170
CP 00642 POD1		CP	ED		2	2	25	19S	31E	611025	3611657*	250		
CP 00722 POD1		CP	LE	4	3	3	28	19S	31E	605106	3610273*	200		
CP 00722 POD1	R	CP	LE	4	3	3	28	19S	31E	605106	3610273*	200		
CP 00722 POD3		CP	LE	2	4	1	33	19S	31E	605519	3609673*	220	140	80
CP 00723 POD1		CP	ED	2	1	1	33	19S	31E	605111	3610071*	139		
CP 00725 POD1		CP	ED	1	3	3	28	19S	31E	604906	3610473*	231		
CP 00829 POD1		CP	LE		2	4	16	19S	31E	606165	3614009*	120		
CP 00873 POD1		CP	LE		1	1	19	19S	31E	601772	3613147*	340	180	160
CP 01554 POD1		CP	LE	2	2	1	22	19S	31E	607166	3613354	400		
CP 01554 POD2		CP	LE	2	2	1	22	19S	31E	607165	3613322	400		
CP 01864 POD1		CP	ED	4	2	1	34	19S	31E	607068	3609824	110		

Average Depth to Water: **150 feet**
Minimum Depth: **130 feet**
Maximum Depth: **180 feet**

Record Count: 12

PLSS Search:

Township: 19S **Range:** 31E

***UTM location was derived from PLSS - see Help**

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

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 323810103554201

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 323810103554201 19S.30E.25.12133

Eddy County, New Mexico
Latitude 32°38'10", Longitude 103°55'42" NAD27
Land-surface elevation 3,248 feet above NAVD88
The depth of the well is 42 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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
1968-04-03		D	62610		3227.09	NGVD29	1	Z		
1968-04-03		D	62611		3228.60	NAVD88	1	Z		
1968-04-03		D	72019	19.40			1	Z		
1971-02-01		D	62610		3226.96	NGVD29	1	Z		
1971-02-01		D	62611		3228.47	NAVD88	1	Z		
1971-02-01		D	72019	19.53			1	Z		
1976-12-10		D	62610		3225.44	NGVD29	1	Z		
1976-12-10		D	62611		3226.95	NAVD88	1	Z		
1976-12-10		D	72019	21.05			1	Z		
1977-11-18		D	62610		3223.76	NGVD29	1	Z		
1977-11-18		D	62611		3225.27	NAVD88	1	Z		
1977-11-18		D	72019	22.73			1	Z		
1977-12-05		D	62610		3223.84	NGVD29	1	Z		
1977-12-05		D	62611		3225.35	NAVD88	1	Z		

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
1977-12-05		D	72019	22.65			1	Z		
1977-12-16		D	62610		3223.51	NGVD29	1	Z		
1977-12-16		D	62611		3225.02	NAVD88	1	Z		
1977-12-16		D	72019	22.98			1	Z		
1977-12-20		D	62610		3223.80	NGVD29	1	Z		
1977-12-20		D	62611		3225.31	NAVD88	1	Z		
1977-12-20		D	72019	22.69			1	Z		
1978-01-18		D	62610		3223.12	NGVD29	1	Z		
1978-01-18		D	62611		3224.63	NAVD88	1	Z		
1978-01-18		D	72019	23.37			1	Z		
1978-02-03		D	62610		3223.92	NGVD29	1	Z		
1978-02-03		D	62611		3225.43	NAVD88	1	Z		
1978-02-03		D	72019	22.57			1	Z		
1978-02-23		D	62610		3223.99	NGVD29	1	Z		
1978-02-23		D	62611		3225.50	NAVD88	1	Z		
1978-02-23		D	72019	22.50			1	Z		
1978-03-30		D	62610		3224.02	NGVD29	1	Z		
1978-03-30		D	62611		3225.53	NAVD88	1	Z		
1978-03-30		D	72019	22.47			1	Z		
1978-05-04		D	62610		3223.84	NGVD29	1	Z		
1978-05-04		D	62611		3225.35	NAVD88	1	Z		
1978-05-04		D	72019	22.65			1	Z		
1978-05-22		D	62610		3223.53	NGVD29	1	Z		
1978-05-22		D	62611		3225.04	NAVD88	1	Z		
1978-05-22		D	72019	22.96			1	Z		
1978-06-08		D	62610		3223.60	NGVD29	1	Z		
1978-06-08		D	62611		3225.11	NAVD88	1	Z		
1978-06-08		D	72019	22.89			1	Z		
1978-07-17		D	62610		3224.47	NGVD29	1	Z		
1978-07-17		D	62611		3225.98	NAVD88	1	Z		
1978-07-17		D	72019	22.02			1	Z		
1978-08-17		D	62610		3223.46	NGVD29	1	Z		
1978-08-17		D	62611		3224.97	NAVD88	1	Z		
1978-08-17		D	72019	23.03			1	Z		
1978-09-27		D	62610		3223.49	NGVD29	1	Z		
1978-09-27		D	62611		3225.00	NAVD88	1	Z		
1978-09-27		D	72019	23.00			1	Z		
1978-12-14		D	62610		3224.82	NGVD29	1	Z		
1978-12-14		D	62611		3226.33	NAVD88	1	Z		
1978-12-14		D	72019	21.67			1	Z		
1979-01-17		D	62610		3224.86	NGVD29	1	Z		
1979-01-17		D	62611		3226.37	NAVD88	1	Z		
1979-01-17		D	72019	21.63			1	Z		
1979-02-14		D	62610		3224.93	NGVD29	1	Z		
1979-02-14		D	62611		3226.44	NAVD88	1	Z		
1979-02-14		D	72019	21.56			1	Z		
1979-03-14		D	62610		3224.90	NGVD29	1	Z		
1979-03-14		D	62611		3226.41	NAVD88	1	Z		
1979-03-14		D	72019	21.59			1	Z		
1983-01-18		D	62610		3233.72	NGVD29	1	Z		

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
1983-01-18		D	62611		3235.23	NAVD88	1	Z		
1983-01-18		D	72019	12.77			1	Z		
1994-03-18		D	62610		3223.99	NGVD29	1	S		
1994-03-18		D	62611		3225.50	NAVD88	1	S		
1994-03-18		D	72019	22.50			1	S		

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	S	Steel-tape measurement.
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.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	CP 00722 POD2	2	1	1	25	19S	30E	600276	3611620*

Driller License: 1058 **Driller Company:** KEY'S DRILLING & PUMP SERVICE

Driller Name: KEY, CASEY

Drill Start Date: 04/26/2011 **Drill Finish Date:** 05/02/2011 **Plug Date:**

Log File Date: 05/17/2011 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 100 GPM

Casing Size: 6.00 **Depth Well:** 350 feet **Depth Water:** 65 feet

Water Bearing Stratifications:	Top	Bottom	Description
	60	68	Sandstone/Gravel/Conglomerate
	295	345	Sandstone/Gravel/Conglomerate

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	CP 00873 POD1		1	1	19	19S	31E	601772	3613147*

Driller License: 421 **Driller Company:** GLENN'S WATER WELL SERVICE

Driller Name: GLENN, CLARK A."CORKY"

Drill Start Date:	01/02/1998	**Drill Finish Date:**	01/05/1998	**Plug Date:**	
Log File Date:	01/15/1998	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	50 GPM
Casing Size:	6.62	**Depth Well:**	340 feet	**Depth Water:**	180 feet

Water Bearing Stratifications:	Top	Bottom	Description
	240	320	Shallow Alluvium/Basin Fill

Casing Perforations:	Top	Bottom
	226	340

Meter Number:	805	**Meter Make:**	MASTER
Meter Serial Number:	1748543	**Meter Multiplier:**	100.0000
Number of Dials:	6	**Meter Type:**	Diversion
Unit of Measure:	Gallons	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
01/01/1999	1999	37400	A	fm		0	
01/15/1999	1999	43541	A	fm		1.885	
04/27/2000	2000	14849	R	jw	Meter Rollover	298.083	
07/31/2000	2000	24399	A	jw		2.931	

**YTD Meter Amounts:	Year	Amount
	1999	1.885
	2000	301.014

***UTM location was derived from PLSS - see Help**

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

* IMPORTANT: Next Generation Station Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 323730103524701

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 323730103524701 19S.31E.28.334133

Eddy County, New Mexico
Latitude 32°37'30", Longitude 103°52'47" NAD27
Land-surface elevation 3,445 feet above NGVD29
The depth of the well is 204.00 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Dockum Group (231DCKM) 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
1988-03-08		D	62610		3333.62	NGVD29		S		
1988-03-08		D	62611		3335.18	NAVD88		S		
1988-03-08		D	72019	111.38				S		
1994-03-18		D	62610		3326.19	NGVD29		S		
1994-03-18		D	62611		3327.75	NAVD88		S		
1994-03-18		D	72019	118.81				S		

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

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

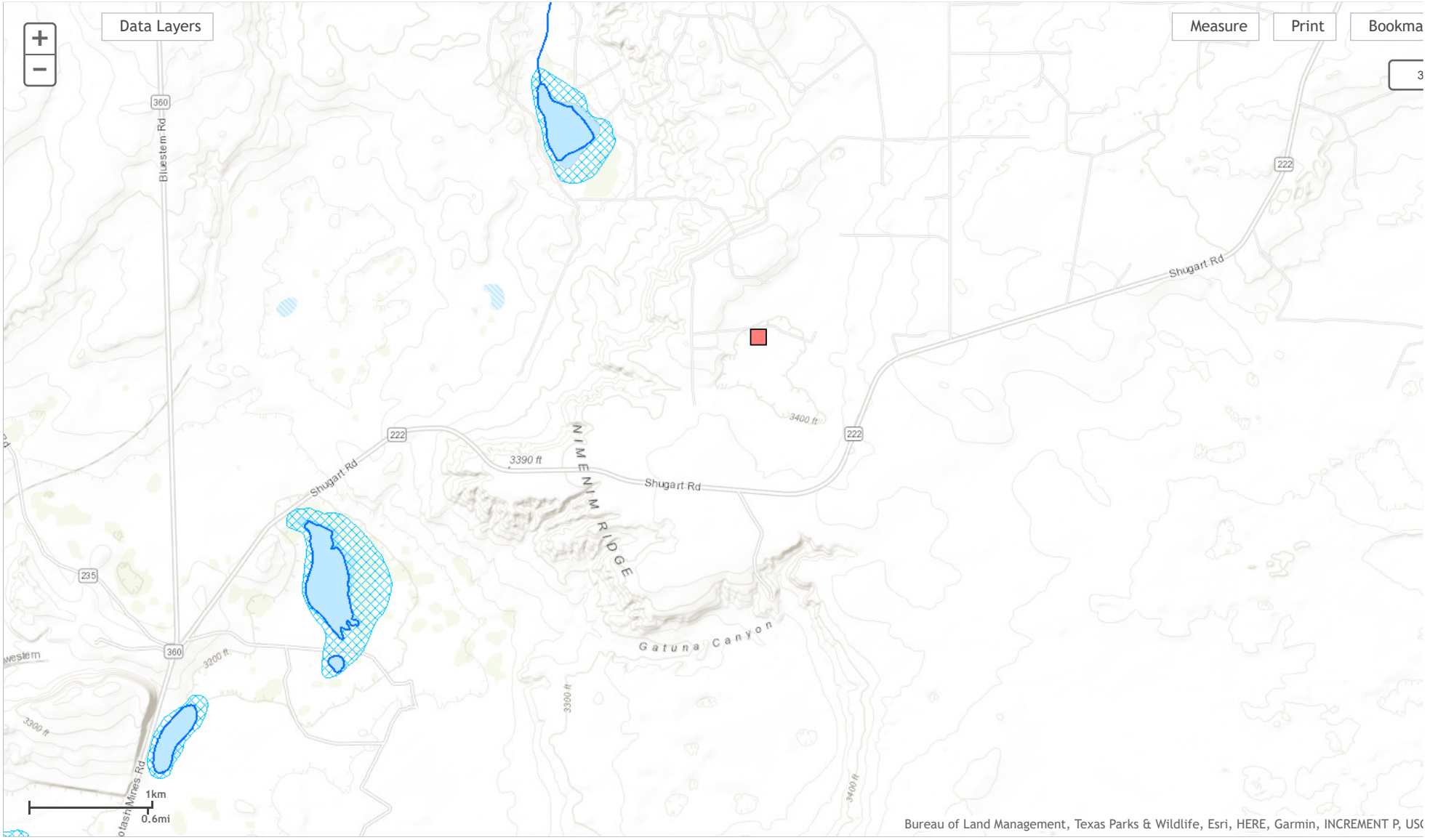
U.S. Department of the Interior | U.S. Geological Survey

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

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2021-07-06 16:46:08 EDT
0.29 0.26 nadww01

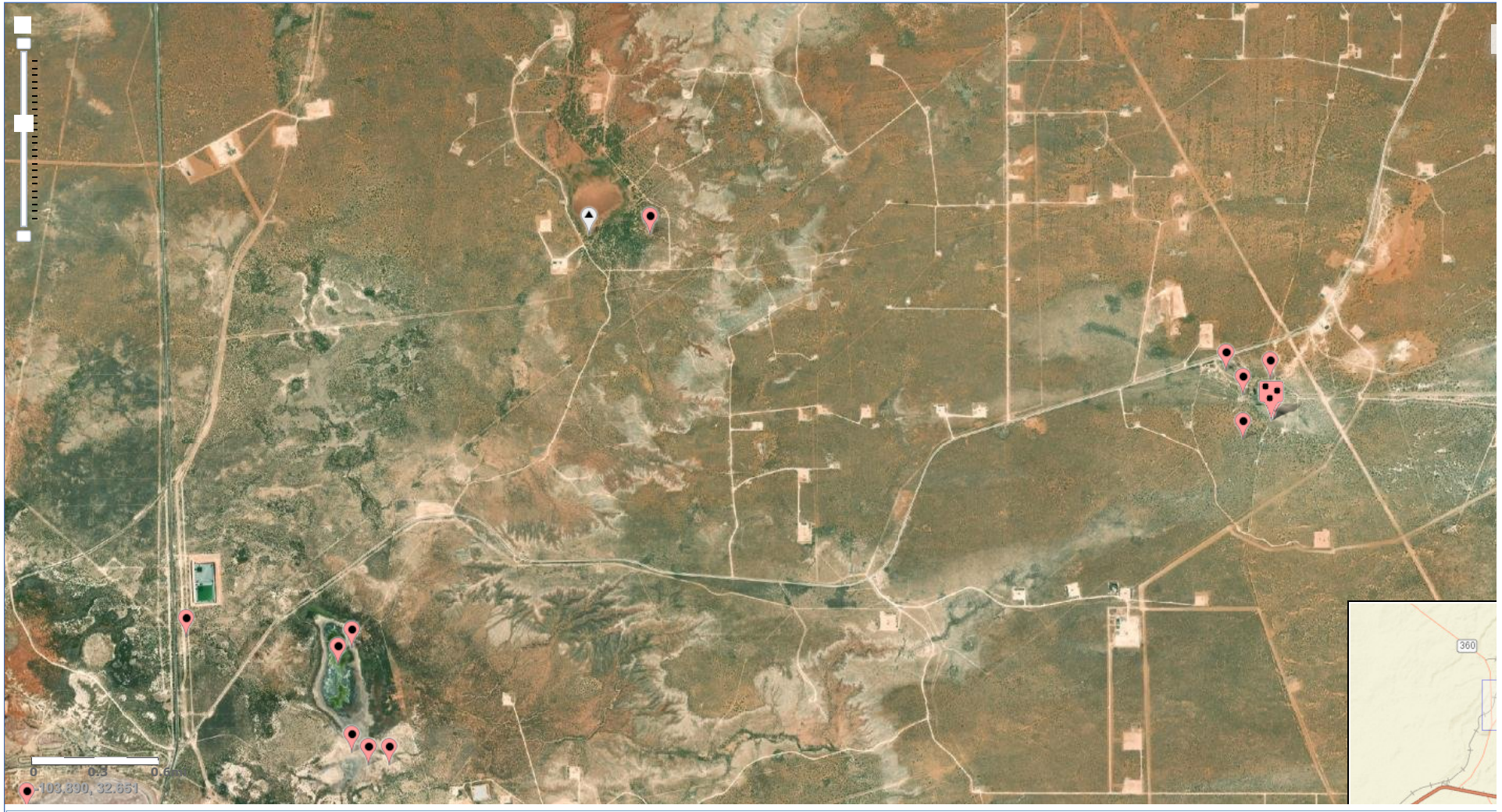
NFHL Web Mapping Application

Please select a county



USGS science for a changing world

National Water Information System: Mapper



Site Information

Appendix C

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-3947-1
Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Salada Vista 36 State 2H (06.27.21)
Revision: 1

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

JKramer

Authorized for release by:
8/12/2021 8:36:55 AM

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

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.

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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
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.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.
¤	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: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Job ID: 880-3947-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-3947-1

REVISION

The report being provided is a revision of the original report sent on 7/16/2021. The report (revision 0) is being revised due to .

Receipt

The samples were received on 7/13/2021 11:56 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 6.0°C

GC VOA

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-5121 and analytical batch 880-5148 were outside control limits. Non-homogeneity is 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 (1-1.5') (880-3947-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-3947-A-12-A MS) and (880-3947-A-12-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-1

Matrix: Solid

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		07/13/21 16:33	07/14/21 18:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 18:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 18:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 18:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 18:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 18:12	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/13/21 16:33*	*07/14/21 18:12*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/13/21 16:33*	*07/14/21 18:12*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 10:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 10:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 10:25	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 10:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/14/21 11:13*	*07/16/21 10:25*	*1*
o-Terphenyl	*66*	*S1-*	*70 - 130*	*07/14/21 11:13*	*07/16/21 10:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.98**		4.98		mg/Kg			07/15/21 18:44	1

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

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-2

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 18:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 18:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 18:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 18:53	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*07/13/21 16:33*	*07/14/21 18:53*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/13/21 16:33*	*07/14/21 18:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/21 11:13	07/16/21 11:28	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-3947-2
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/21 11:13	07/16/21 11:28	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/21 11:13	07/16/21 11:28	1
Total TPH	<49.8	U	49.8		mg/Kg		07/14/21 11:13	07/16/21 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*07/14/21 11:13*	*07/16/21 11:28*	*1*
o-Terphenyl	*121*		*70 - 130*	*07/14/21 11:13*	*07/16/21 11:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.9**		5.04		mg/Kg			07/15/21 19:00	1

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-3947-3
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 19:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 19:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 19:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 19:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 19:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 19:14	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/13/21 16:33*	*07/14/21 19:14*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/13/21 16:33*	*07/14/21 19:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 11:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 11:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 11:49	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*07/14/21 11:13*	*07/16/21 11:49*	*1*
o-Terphenyl	*67*	*S1-*	*70 - 130*	*07/14/21 11:13*	*07/16/21 11:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.2**		4.98		mg/Kg			07/15/21 19:06	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (0-1')

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-6
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:33	07/14/21 19:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:33	07/14/21 19:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:33	07/14/21 19:34	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/13/21 16:33	07/14/21 19:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:33	07/14/21 19:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/13/21 16:33	07/14/21 19:34	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/13/21 16:33	07/14/21 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/13/21 16:33*	*07/14/21 19:34*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/13/21 16:33*	*07/14/21 19:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 12:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 12:10	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 12:10	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*07/14/21 11:13*	*07/16/21 12:10*	*1*
o-Terphenyl	*123*		*70 - 130*	*07/14/21 11:13*	*07/16/21 12:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**896**		4.95		mg/Kg			07/15/21 19:11	1

Client Sample ID: S-2 (1-1.5')

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-7
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 19:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 19:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 19:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 19:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 19:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 19:54	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/13/21 16:33*	*07/14/21 19:54*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/13/21 16:33*	*07/14/21 19:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/14/21 11:13	07/16/21 12:32	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-3947-7
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/14/21 11:13	07/16/21 12:32	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/14/21 11:13	07/16/21 12:32	1
Total TPH	<49.8	U	49.8		mg/Kg		07/14/21 11:13	07/16/21 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*07/14/21 11:13*	*07/16/21 12:32*	*1*
o-Terphenyl	*119*		*70 - 130*	*07/14/21 11:13*	*07/16/21 12:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**448**		5.02		mg/Kg			07/15/21 19:16	1

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-3947-8
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 20:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 20:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 20:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 20:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 20:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 20:15	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/13/21 16:33	07/14/21 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/13/21 16:33*	*07/14/21 20:15*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/13/21 16:33*	*07/14/21 20:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		07/14/21 11:13	07/16/21 12:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/14/21 11:13	07/16/21 12:53	1
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/14/21 11:13	07/16/21 12:53	1
Total TPH	<49.7	U	49.7		mg/Kg		07/14/21 11:13	07/16/21 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*07/14/21 11:13*	*07/16/21 12:53*	*1*
o-Terphenyl	*129*		*70 - 130*	*07/14/21 11:13*	*07/16/21 12:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**973**		4.97		mg/Kg			07/15/21 19:33	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-3947-9
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 20:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 20:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 20:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/13/21 16:33	07/14/21 20:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 20:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/13/21 16:33	07/14/21 20:35	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/13/21 16:33	07/14/21 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/13/21 16:33*	*07/14/21 20:35*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/13/21 16:33*	*07/14/21 20:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 13:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 13:14	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 13:14	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*07/14/21 11:13*	*07/16/21 13:14*	*1*
o-Terphenyl	*125*		*70 - 130*	*07/14/21 11:13*	*07/16/21 13:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**861**		4.95		mg/Kg			07/15/21 19:38	1

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 880-3947-10
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 20:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 20:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 20:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 20:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:33	07/14/21 20:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 20:56	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/13/21 16:33	07/14/21 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*167*	*S1+*	*70 - 130*	*07/13/21 16:33*	*07/14/21 20:56*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/13/21 16:33*	*07/14/21 20:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 13:36	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 880-3947-10
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 13:36	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 13:36	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*07/14/21 11:13*	*07/16/21 13:36*	*1*
o-Terphenyl	*118*		*70 - 130*	*07/14/21 11:13*	*07/16/21 13:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**422**		4.95		mg/Kg			07/15/21 19:43	1

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-3947-11
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 21:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 21:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 21:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/13/21 16:33	07/14/21 21:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 21:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/13/21 16:33	07/14/21 21:16	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/13/21 16:33	07/14/21 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/13/21 16:33*	*07/14/21 21:16*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/13/21 16:33*	*07/14/21 21:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 13:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 13:57	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 13:57	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*07/14/21 11:13*	*07/16/21 13:57*	*1*
o-Terphenyl	*127*		*70 - 130*	*07/14/21 11:13*	*07/16/21 13:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1100**		4.96		mg/Kg			07/15/21 19:49	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (1-1.5')

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-12
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 15:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 15:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 15:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 15:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 15:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 15:39	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/13/21 16:36*	*07/14/21 15:39*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/13/21 16:36*	*07/14/21 15:39*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 14:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 14:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 14:18	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*07/14/21 11:13*	*07/16/21 14:18*	*1*
o-Terphenyl	*129*		*70 - 130*	*07/14/21 11:13*	*07/16/21 14:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2200**		25.0		mg/Kg			07/15/21 19:54	5

Client Sample ID: S-3 (2-2.5')

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-13
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 16:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 16:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 16:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 16:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 16:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 16:04	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/13/21 16:36*	*07/14/21 16:04*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/13/21 16:36*	*07/14/21 16:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 15:01	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (2-2.5')

Lab Sample ID: 880-3947-13
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 15:01	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 15:01	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*07/14/21 11:13*	*07/16/21 15:01*	*1*
o-Terphenyl	*118*		*70 - 130*	*07/14/21 11:13*	*07/16/21 15:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5470**	**F1**	50.0		mg/Kg			07/15/21 19:59	10

Client Sample ID: S-3 (3-3.5')

Lab Sample ID: 880-3947-14
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:36	07/14/21 16:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:36	07/14/21 16:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:36	07/14/21 16:29	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/13/21 16:36	07/14/21 16:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:36	07/14/21 16:29	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/13/21 16:36	07/14/21 16:29	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/13/21 16:36	07/14/21 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/13/21 16:36*	*07/14/21 16:29*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/13/21 16:36*	*07/14/21 16:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 15:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 15:22	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 15:22	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*07/14/21 11:13*	*07/16/21 15:22*	*1*
o-Terphenyl	*122*		*70 - 130*	*07/14/21 11:13*	*07/16/21 15:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2040**		24.8		mg/Kg			07/14/21 14:52	5

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (4-4.5')

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-15
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 16:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 16:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 16:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/13/21 16:36	07/14/21 16:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 16:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/13/21 16:36	07/14/21 16:54	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/13/21 16:36	07/14/21 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/13/21 16:36*	*07/14/21 16:54*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/13/21 16:36*	*07/14/21 16:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 15:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 15:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 15:43	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*07/14/21 11:13*	*07/16/21 15:43*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/14/21 11:13*	*07/16/21 15:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1090**		5.04		mg/Kg			07/14/21 14:58	1

Client Sample ID: S-4 (0-1')

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-16
Matrix: Solid

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		07/13/21 16:36	07/14/21 17:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/13/21 16:36	07/14/21 17:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/13/21 16:36	07/14/21 17:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/13/21 16:36	07/14/21 17:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/13/21 16:36	07/14/21 17:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/13/21 16:36	07/14/21 17:19	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/13/21 16:36	07/14/21 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/13/21 16:36*	*07/14/21 17:19*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/13/21 16:36*	*07/14/21 17:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 16:04	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (0-1')

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-16
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 16:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 16:04	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/14/21 11:13*	*07/16/21 16:04*	*1*
o-Terphenyl	*117*		*70 - 130*	*07/14/21 11:13*	*07/16/21 16:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**647**		4.98		mg/Kg			07/14/21 15:03	1

Client Sample ID: S-4 (1-1.5')

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-17
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 17:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 17:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 17:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 17:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 17:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 17:44	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/13/21 16:36*	*07/14/21 17:44*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/13/21 16:36*	*07/14/21 17:44*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 16:26	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*07/14/21 11:13*	*07/16/21 16:26*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/14/21 11:13*	*07/16/21 16:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**254**		5.00		mg/Kg			07/14/21 15:20	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 880-3947-18
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 18:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 18:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 18:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 18:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 18:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 18:09	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/13/21 16:36*	*07/14/21 18:09*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/13/21 16:36*	*07/14/21 18:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 16:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 16:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 16:47	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*07/14/21 11:13*	*07/16/21 16:47*	*1*
o-Terphenyl	*130*		*70 - 130*	*07/14/21 11:13*	*07/16/21 16:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.9**		4.99		mg/Kg			07/15/21 21:53	1

Client Sample ID: S-4 (3-3.5')

Lab Sample ID: 880-3947-19
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 18:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 18:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 18:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 18:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 18:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 18:34	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/13/21 16:36	07/14/21 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/13/21 16:36*	*07/14/21 18:34*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/13/21 16:36*	*07/14/21 18:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 17:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (3-3.5')

Lab Sample ID: 880-3947-19
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 17:08	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 17:08	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*07/14/21 11:13*	*07/16/21 17:08*	*1*
o-Terphenyl	*122*		*70 - 130*	*07/14/21 11:13*	*07/16/21 17:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.3**		5.00		mg/Kg			07/15/21 22:09	1

Client Sample ID: H-1

Lab Sample ID: 880-3947-20
Matrix: Solid
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:36	07/14/21 18:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:36	07/14/21 18:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:36	07/14/21 18:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/13/21 16:36	07/14/21 18:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/13/21 16:36	07/14/21 18:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/13/21 16:36	07/14/21 18:59	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/13/21 16:36	07/14/21 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/13/21 16:36*	*07/14/21 18:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/13/21 16:36*	*07/14/21 18:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 17:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 17:28	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 17:28	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*07/14/21 11:13*	*07/16/21 17:28*	*1*
o-Terphenyl	*125*		*70 - 130*	*07/14/21 11:13*	*07/16/21 17:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		5.02		mg/Kg			07/15/21 22:14	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: H-2

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-21

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 19:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 19:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 19:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 19:24	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/13/21 16:36*	*07/14/21 19:24*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/13/21 16:36*	*07/14/21 19:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 17:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 17:49	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 17:49	1
Total TPH	<49.9	U	49.9		mg/Kg		07/14/21 11:13	07/16/21 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*07/14/21 11:13*	*07/16/21 17:49*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*07/14/21 11:13*	*07/16/21 17:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**41.3**		4.98		mg/Kg			07/15/21 22:20	1

Client Sample ID: H-3

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-22

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 21:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 21:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 21:06	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/13/21 16:36	07/14/21 21:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 21:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/13/21 16:36	07/14/21 21:06	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/13/21 16:36	07/14/21 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/13/21 16:36*	*07/14/21 21:06*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/13/21 16:36*	*07/14/21 21:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 18:29	1

Client Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: H-3

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-22
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 18:29	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 18:29	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*07/14/21 11:13*	*07/16/21 18:29*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*07/14/21 11:13*	*07/16/21 18:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.3**		4.97		mg/Kg			07/15/21 22:25	1

Client Sample ID: H-4

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-23
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 21:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 21:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 21:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 21:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/13/21 16:36	07/14/21 21:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 21:32	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/13/21 16:36	07/14/21 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/13/21 16:36*	*07/14/21 21:32*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/13/21 16:36*	*07/14/21 21:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 03:55	1
Diesel Range Organics (Over C10-C28)	**53.9**		50.0		mg/Kg		07/14/21 14:16	07/16/21 03:55	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/16/21 03:55	1
Total TPH	**53.9**		50.0		mg/Kg		07/14/21 14:16	07/16/21 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*07/14/21 14:16*	*07/16/21 03:55*	*1*
o-Terphenyl	*125*		*70 - 130*	*07/14/21 14:16*	*07/16/21 03:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.5**		4.95		mg/Kg			07/15/21 22:41	1

Surrogate Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-3947-1	S-1 (0-1')	105	103
880-3947-1 MS	S-1 (0-1')	118	94
880-3947-1 MSD	S-1 (0-1')	101	99
880-3947-2	S-1 (1-1.5')	140 S1+	92
880-3947-3	S-1 (2-2.5')	106	102
880-3947-6	S-2 (0-1')	113	104
880-3947-7	S-2 (1-1.5')	109	102
880-3947-8	S-2 (2-2.5')	112	102
880-3947-9	S-2 (3-3.5')	115	90
880-3947-10	S-2 (4-4.5')	167 S1+	94
880-3947-11	S-3 (0-1')	110	103
880-3947-12	S-3 (1-1.5')	120	91
880-3947-12 MS	S-3 (1-1.5')	98	119
880-3947-12 MSD	S-3 (1-1.5')	242 S1+	79
880-3947-13	S-3 (2-2.5')	107	98
880-3947-14	S-3 (3-3.5')	112	101
880-3947-15	S-3 (4-4.5')	105	101
880-3947-16	S-4 (0-1')	111	101
880-3947-17	S-4 (1-1.5')	107	99
880-3947-18	S-4 (2-2.5')	114	98
880-3947-19	S-4 (3-3.5')	108	98
880-3947-20	H-1	102	98
880-3947-21	H-2	108	101
880-3947-22	H-3	113	88
880-3947-23	H-4	110	99
LCS 880-5121/1-A	Lab Control Sample	98	98
LCS 880-5122/1-A	Lab Control Sample	107	108
LCSD 880-5121/2-A	Lab Control Sample Dup	98	98
LCSD 880-5122/2-A	Lab Control Sample Dup	90	93
MB 880-5121/5-A	Method Blank	103	98
MB 880-5122/5-A	Method Blank	68 S1-	85

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-3947-1	S-1 (0-1')	101	66 S1-
880-3947-1 MS	S-1 (0-1')	102	103
880-3947-1 MSD	S-1 (0-1')	103	103
880-3947-2	S-1 (1-1.5')	108	121
880-3947-3	S-1 (2-2.5')	104	67 S1-
880-3947-6	S-2 (0-1')	105	123
880-3947-7	S-2 (1-1.5')	106	119
880-3947-8	S-2 (2-2.5')	111	129

Surrogate Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-3947-9	S-2 (3-3.5')	111	125
880-3947-10	S-2 (4-4.5')	103	118
880-3947-11	S-3 (0-1')	111	127
880-3947-12	S-3 (1-1.5')	112	129
880-3947-13	S-3 (2-2.5')	103	118
880-3947-14	S-3 (3-3.5')	110	122
880-3947-15	S-3 (4-4.5')	107	120
880-3947-16	S-4 (0-1')	101	117
880-3947-17	S-4 (1-1.5')	106	120
880-3947-18	S-4 (2-2.5')	110	130
880-3947-19	S-4 (3-3.5')	108	122
880-3947-20	H-1	111	125
880-3947-21	H-2	111	131 S1+
880-3947-22	H-3	115	131 S1+
880-3947-23	H-4	110	125
LCS 880-5156/2-A	Lab Control Sample	128	132 S1+
LCS 880-5191/2-A	Lab Control Sample	106	117
LCSD 880-5156/3-A	Lab Control Sample Dup	124	130
LCSD 880-5191/3-A	Lab Control Sample Dup	109	123
MB 880-5156/1-A	Method Blank	100	115
MB 880-5191/1-A	Method Blank	95	114

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-5121/5-A
Matrix: Solid
Analysis Batch: 5148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 17:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 17:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 17:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/13/21 16:33	07/14/21 17:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:33	07/14/21 17:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/13/21 16:33	07/14/21 17:44	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/13/21 16:33	07/14/21 17:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/13/21 16:33*	*07/14/21 17:44*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/13/21 16:33*	*07/14/21 17:44*	*1*

Lab Sample ID: LCS 880-5121/1-A
Matrix: Solid
Analysis Batch: 5148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09053		mg/Kg		91	70 - 130
Toluene	0.100	0.08651		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09099		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1818		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08761		mg/Kg		88	70 - 130

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

Lab Sample ID: LCSD 880-5121/2-A
Matrix: Solid
Analysis Batch: 5148

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5121

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08902		mg/Kg		89	70 - 130	2	35
Toluene	0.100	0.08766		mg/Kg		88	70 - 130	1	35
Ethylbenzene	0.100	0.09356		mg/Kg		94	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1862		mg/Kg		93	70 - 130	2	35
o-Xylene	0.100	0.08918		mg/Kg		89	70 - 130	2	35

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

Lab Sample ID: 880-3947-1 MS
Matrix: Solid
Analysis Batch: 5148

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 5121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.100	0.06149	F1	mg/Kg		61	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-3947-1 MS
Matrix: Solid
Analysis Batch: 5148

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 5121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U	0.100	0.07082		mg/Kg		71	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07834		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.201	0.1643		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U	0.100	0.08199		mg/Kg		81	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-3947-1 MSD
Matrix: Solid
Analysis Batch: 5148

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 5121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0990	0.08702		mg/Kg		88	70 - 130	34	35
Toluene	<0.00200	U	0.0990	0.08110		mg/Kg		82	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.0990	0.08586		mg/Kg		87	70 - 130	9	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1713		mg/Kg		87	70 - 130	4	35
o-Xylene	<0.00200	U	0.0990	0.08275		mg/Kg		83	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-5122/5-A
Matrix: Solid
Analysis Batch: 5144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 15:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 15:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 15:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/13/21 16:36	07/14/21 15:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/13/21 16:36	07/14/21 15:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/13/21 16:36	07/14/21 15:14	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/13/21 16:36	07/14/21 15:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*07/13/21 16:36*	*07/14/21 15:14*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/13/21 16:36*	*07/14/21 15:14*	*1*

Lab Sample ID: LCS 880-5122/1-A
Matrix: Solid
Analysis Batch: 5144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5122

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1050		mg/Kg		105	70 - 130
Toluene	0.100	0.1165		mg/Kg		117	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-5122/1-A
Matrix: Solid
Analysis Batch: 5144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5122

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Ethylbenzene			0.100	0.1195		mg/Kg		119	70 - 130		
m-Xylene & p-Xylene			0.200	0.2097		mg/Kg		105	70 - 130		
o-Xylene			0.100	0.1051		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-5122/2-A
Matrix: Solid
Analysis Batch: 5144

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5122

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08684		mg/Kg		87	70 - 130	19	35
Toluene			0.100	0.09629		mg/Kg		96	70 - 130	19	35
Ethylbenzene			0.100	0.1001		mg/Kg		100	70 - 130	18	35
m-Xylene & p-Xylene			0.200	0.1764		mg/Kg		88	70 - 130	17	35
o-Xylene			0.100	0.08926		mg/Kg		89	70 - 130	16	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-3947-12 MS
Matrix: Solid
Analysis Batch: 5144

Client Sample ID: S-3 (1-1.5')
Prep Type: Total/NA
Prep Batch: 5122

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00200	U	0.100	0.07928		mg/Kg		79	70 - 130		
Toluene	<0.00200	U	0.100	0.08705		mg/Kg		87	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09440		mg/Kg		94	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1664		mg/Kg		83	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08494		mg/Kg		85	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*

Lab Sample ID: 880-3947-12 MSD
Matrix: Solid
Analysis Batch: 5144

Client Sample ID: S-3 (1-1.5')
Prep Type: Total/NA
Prep Batch: 5122

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09214		mg/Kg		93	70 - 130	15	35
Toluene	<0.00200	U	0.0994	0.09738		mg/Kg		98	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.0994	0.1059		mg/Kg		107	70 - 130	12	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1908		mg/Kg		96	70 - 130	14	35
o-Xylene	<0.00200	U	0.0994	0.09575		mg/Kg		96	70 - 130	12	35

QC Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	242	S1+	70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

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

Lab Sample ID: MB 880-5156/1-A
Matrix: Solid
Analysis Batch: 5258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 09:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 09:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 09:22	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 11:13	07/16/21 09:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	07/14/21 11:13	07/16/21 09:22	1
o-Terphenyl	115		70 - 130	07/14/21 11:13	07/16/21 09:22	1

Lab Sample ID: LCS 880-5156/2-A
Matrix: Solid
Analysis Batch: 5258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1024		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1202		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	132	S1+	70 - 130

Lab Sample ID: LCSD 880-5156/3-A
Matrix: Solid
Analysis Batch: 5258

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5156

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1170		mg/Kg		117	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	130		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-3947-1 MS — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5258 — **Prep Batch: 5156**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1210		mg/Kg		118	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: 880-3947-1 MSD — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5258 — **Prep Batch: 5156**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	987.5		mg/Kg		99	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1224		mg/Kg		119	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*103*		*70 - 130*

Lab Sample ID: MB 880-5191/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5214 — **Prep Batch: 5191**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 22:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 22:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 22:01	1
Total TPH	<50.0	U	50.0		mg/Kg		07/14/21 14:16	07/15/21 22:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*07/14/21 14:16*	*07/15/21 22:01*	*1*
o-Terphenyl	*114*		*70 - 130*	*07/14/21 14:16*	*07/15/21 22:01*	*1*

Lab Sample ID: LCS 880-5191/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5214 — **Prep Batch: 5191**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	778.2		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.8		mg/Kg		99	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-5191/2-A
Matrix: Solid
Analysis Batch: 5214

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5191

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: LCSD 880-5191/3-A
Matrix: Solid
Analysis Batch: 5214

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 5191

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	801.3		mg/Kg		80	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1024		mg/Kg		102	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*123*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-5133/1-A
Matrix: Solid
Analysis Batch: 5134

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/14/21 14:14	1

Lab Sample ID: LCS 880-5133/2-A
Matrix: Solid
Analysis Batch: 5134

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	270.1		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-5133/3-A
Matrix: Solid
Analysis Batch: 5134

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	270.7		mg/Kg		108	90 - 110	0	20

Lab Sample ID: MB 880-5245/1-A
Matrix: Solid
Analysis Batch: 5247

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/15/21 18:28	1

QC Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-5245/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5247

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	257.1		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-5245/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5247

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	258.1		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-3947-1 MS — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5247

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	9.98		249	276.4		mg/Kg		107	90 - 110		

Lab Sample ID: 880-3947-1 MSD — **Client Sample ID: S-1 (0-1')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5247

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	9.98		249	277.2		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-3947-13 MS — **Client Sample ID: S-3 (2-2.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5247

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	5470	F1	2500	8272	F1	mg/Kg		112	90 - 110		

Lab Sample ID: 880-3947-13 MSD — **Client Sample ID: S-3 (2-2.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5247

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	5470	F1	2500	8279	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: MB 880-5246/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/15/21 21:36	1

Lab Sample ID: LCS 880-5246/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 5248

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	261.8		mg/Kg		105	90 - 110		

QC Sample Results

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-5246/3-A
Matrix: Solid
Analysis Batch: 5248

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	262.3		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-3947-18 MS
Matrix: Solid
Analysis Batch: 5248

Client Sample ID: S-4 (2-2.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	73.9		250	321.2		mg/Kg		99	90 - 110

Lab Sample ID: 880-3947-18 MSD
Matrix: Solid
Analysis Batch: 5248

Client Sample ID: S-4 (2-2.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	73.9		250	321.8		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 5121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-1	S-1 (0-1')	Total/NA	Solid	5035	
880-3947-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-3947-3	S-1 (2-2.5')	Total/NA	Solid	5035	
880-3947-6	S-2 (0-1')	Total/NA	Solid	5035	
880-3947-7	S-2 (1-1.5')	Total/NA	Solid	5035	
880-3947-8	S-2 (2-2.5')	Total/NA	Solid	5035	
880-3947-9	S-2 (3-3.5')	Total/NA	Solid	5035	
880-3947-10	S-2 (4-4.5')	Total/NA	Solid	5035	
880-3947-11	S-3 (0-1')	Total/NA	Solid	5035	
MB 880-5121/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5121/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5121/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-3947-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-3947-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 5122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-12	S-3 (1-1.5')	Total/NA	Solid	5035	
880-3947-13	S-3 (2-2.5')	Total/NA	Solid	5035	
880-3947-14	S-3 (3-3.5')	Total/NA	Solid	5035	
880-3947-15	S-3 (4-4.5')	Total/NA	Solid	5035	
880-3947-16	S-4 (0-1')	Total/NA	Solid	5035	
880-3947-17	S-4 (1-1.5')	Total/NA	Solid	5035	
880-3947-18	S-4 (2-2.5')	Total/NA	Solid	5035	
880-3947-19	S-4 (3-3.5')	Total/NA	Solid	5035	
880-3947-20	H-1	Total/NA	Solid	5035	
880-3947-21	H-2	Total/NA	Solid	5035	
880-3947-22	H-3	Total/NA	Solid	5035	
880-3947-23	H-4	Total/NA	Solid	5035	
MB 880-5122/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5122/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5122/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-3947-12 MS	S-3 (1-1.5')	Total/NA	Solid	5035	
880-3947-12 MSD	S-3 (1-1.5')	Total/NA	Solid	5035	

Analysis Batch: 5144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-12	S-3 (1-1.5')	Total/NA	Solid	8021B	5122
880-3947-13	S-3 (2-2.5')	Total/NA	Solid	8021B	5122
880-3947-14	S-3 (3-3.5')	Total/NA	Solid	8021B	5122
880-3947-15	S-3 (4-4.5')	Total/NA	Solid	8021B	5122
880-3947-16	S-4 (0-1')	Total/NA	Solid	8021B	5122
880-3947-17	S-4 (1-1.5')	Total/NA	Solid	8021B	5122
880-3947-18	S-4 (2-2.5')	Total/NA	Solid	8021B	5122
880-3947-19	S-4 (3-3.5')	Total/NA	Solid	8021B	5122
880-3947-20	H-1	Total/NA	Solid	8021B	5122
880-3947-21	H-2	Total/NA	Solid	8021B	5122
880-3947-22	H-3	Total/NA	Solid	8021B	5122
880-3947-23	H-4	Total/NA	Solid	8021B	5122
MB 880-5122/5-A	Method Blank	Total/NA	Solid	8021B	5122
LCS 880-5122/1-A	Lab Control Sample	Total/NA	Solid	8021B	5122

QC Association Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 5144 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-5122/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5122
880-3947-12 MS	S-3 (1-1.5')	Total/NA	Solid	8021B	5122
880-3947-12 MSD	S-3 (1-1.5')	Total/NA	Solid	8021B	5122

Analysis Batch: 5148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-1	S-1 (0-1')	Total/NA	Solid	8021B	5121
880-3947-2	S-1 (1-1.5')	Total/NA	Solid	8021B	5121
880-3947-3	S-1 (2-2.5')	Total/NA	Solid	8021B	5121
880-3947-6	S-2 (0-1')	Total/NA	Solid	8021B	5121
880-3947-7	S-2 (1-1.5')	Total/NA	Solid	8021B	5121
880-3947-8	S-2 (2-2.5')	Total/NA	Solid	8021B	5121
880-3947-9	S-2 (3-3.5')	Total/NA	Solid	8021B	5121
880-3947-10	S-2 (4-4.5')	Total/NA	Solid	8021B	5121
880-3947-11	S-3 (0-1')	Total/NA	Solid	8021B	5121
MB 880-5121/5-A	Method Blank	Total/NA	Solid	8021B	5121
LCS 880-5121/1-A	Lab Control Sample	Total/NA	Solid	8021B	5121
LCSD 880-5121/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5121
880-3947-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	5121
880-3947-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	5121

GC Semi VOA

Prep Batch: 5156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-3947-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-3947-3	S-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-3947-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-3947-7	S-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-3947-8	S-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-3947-9	S-2 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-3947-10	S-2 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-3947-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-3947-12	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-3947-13	S-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-3947-14	S-3 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-3947-15	S-3 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-3947-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-3947-17	S-4 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-3947-18	S-4 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-3947-19	S-4 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-3947-20	H-1	Total/NA	Solid	8015NM Prep	
880-3947-21	H-2	Total/NA	Solid	8015NM Prep	
880-3947-22	H-3	Total/NA	Solid	8015NM Prep	
MB 880-5156/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5156/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5156/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-3947-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-3947-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

GC Semi VOA

Prep Batch: 5191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-23	H-4	Total/NA	Solid	8015NM Prep	
MB 880-5191/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5191/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 5214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-23	H-4	Total/NA	Solid	8015B NM	5191
MB 880-5191/1-A	Method Blank	Total/NA	Solid	8015B NM	5191
LCS 880-5191/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5191
LCSD 880-5191/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5191

Analysis Batch: 5258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-1	S-1 (0-1')	Total/NA	Solid	8015B NM	5156
880-3947-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	5156
880-3947-3	S-1 (2-2.5')	Total/NA	Solid	8015B NM	5156
880-3947-6	S-2 (0-1')	Total/NA	Solid	8015B NM	5156
880-3947-7	S-2 (1-1.5')	Total/NA	Solid	8015B NM	5156
880-3947-8	S-2 (2-2.5')	Total/NA	Solid	8015B NM	5156
880-3947-9	S-2 (3-3.5')	Total/NA	Solid	8015B NM	5156
880-3947-10	S-2 (4-4.5')	Total/NA	Solid	8015B NM	5156
880-3947-11	S-3 (0-1')	Total/NA	Solid	8015B NM	5156
880-3947-12	S-3 (1-1.5')	Total/NA	Solid	8015B NM	5156
880-3947-13	S-3 (2-2.5')	Total/NA	Solid	8015B NM	5156
880-3947-14	S-3 (3-3.5')	Total/NA	Solid	8015B NM	5156
880-3947-15	S-3 (4-4.5')	Total/NA	Solid	8015B NM	5156
880-3947-16	S-4 (0-1')	Total/NA	Solid	8015B NM	5156
880-3947-17	S-4 (1-1.5')	Total/NA	Solid	8015B NM	5156
880-3947-18	S-4 (2-2.5')	Total/NA	Solid	8015B NM	5156
880-3947-19	S-4 (3-3.5')	Total/NA	Solid	8015B NM	5156
880-3947-20	H-1	Total/NA	Solid	8015B NM	5156
880-3947-21	H-2	Total/NA	Solid	8015B NM	5156
880-3947-22	H-3	Total/NA	Solid	8015B NM	5156
MB 880-5156/1-A	Method Blank	Total/NA	Solid	8015B NM	5156
LCS 880-5156/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5156
LCSD 880-5156/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5156
880-3947-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	5156
880-3947-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	5156

HPLC/IC

Leach Batch: 5133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-14	S-3 (3-3.5')	Soluble	Solid	DI Leach	
880-3947-15	S-3 (4-4.5')	Soluble	Solid	DI Leach	
880-3947-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-3947-17	S-4 (1-1.5')	Soluble	Solid	DI Leach	
MB 880-5133/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5133/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5133/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

HPLC/IC

Analysis Batch: 5134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-14	S-3 (3-3.5')	Soluble	Solid	300.0	5133
880-3947-15	S-3 (4-4.5')	Soluble	Solid	300.0	5133
880-3947-16	S-4 (0-1')	Soluble	Solid	300.0	5133
880-3947-17	S-4 (1-1.5')	Soluble	Solid	300.0	5133
MB 880-5133/1-A	Method Blank	Soluble	Solid	300.0	5133
LCS 880-5133/2-A	Lab Control Sample	Soluble	Solid	300.0	5133
LCSD 880-5133/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5133

Leach Batch: 5245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-3947-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-3947-3	S-1 (2-2.5')	Soluble	Solid	DI Leach	
880-3947-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-3947-7	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-3947-8	S-2 (2-2.5')	Soluble	Solid	DI Leach	
880-3947-9	S-2 (3-3.5')	Soluble	Solid	DI Leach	
880-3947-10	S-2 (4-4.5')	Soluble	Solid	DI Leach	
880-3947-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-3947-12	S-3 (1-1.5')	Soluble	Solid	DI Leach	
880-3947-13	S-3 (2-2.5')	Soluble	Solid	DI Leach	
MB 880-5245/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5245/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5245/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-3947-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-3947-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-3947-13 MS	S-3 (2-2.5')	Soluble	Solid	DI Leach	
880-3947-13 MSD	S-3 (2-2.5')	Soluble	Solid	DI Leach	

Leach Batch: 5246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-18	S-4 (2-2.5')	Soluble	Solid	DI Leach	
880-3947-19	S-4 (3-3.5')	Soluble	Solid	DI Leach	
880-3947-20	H-1	Soluble	Solid	DI Leach	
880-3947-21	H-2	Soluble	Solid	DI Leach	
880-3947-22	H-3	Soluble	Solid	DI Leach	
880-3947-23	H-4	Soluble	Solid	DI Leach	
MB 880-5246/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5246/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5246/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-3947-18 MS	S-4 (2-2.5')	Soluble	Solid	DI Leach	
880-3947-18 MSD	S-4 (2-2.5')	Soluble	Solid	DI Leach	

Analysis Batch: 5247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-1	S-1 (0-1')	Soluble	Solid	300.0	5245
880-3947-2	S-1 (1-1.5')	Soluble	Solid	300.0	5245
880-3947-3	S-1 (2-2.5')	Soluble	Solid	300.0	5245
880-3947-6	S-2 (0-1')	Soluble	Solid	300.0	5245
880-3947-7	S-2 (1-1.5')	Soluble	Solid	300.0	5245
880-3947-8	S-2 (2-2.5')	Soluble	Solid	300.0	5245

QC Association Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 5247 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-9	S-2 (3-3.5')	Soluble	Solid	300.0	5245
880-3947-10	S-2 (4-4.5')	Soluble	Solid	300.0	5245
880-3947-11	S-3 (0-1')	Soluble	Solid	300.0	5245
880-3947-12	S-3 (1-1.5')	Soluble	Solid	300.0	5245
880-3947-13	S-3 (2-2.5')	Soluble	Solid	300.0	5245
MB 880-5245/1-A	Method Blank	Soluble	Solid	300.0	5245
LCS 880-5245/2-A	Lab Control Sample	Soluble	Solid	300.0	5245
LCSD 880-5245/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5245
880-3947-1 MS	S-1 (0-1')	Soluble	Solid	300.0	5245
880-3947-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	5245
880-3947-13 MS	S-3 (2-2.5')	Soluble	Solid	300.0	5245
880-3947-13 MSD	S-3 (2-2.5')	Soluble	Solid	300.0	5245

Analysis Batch: 5248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-3947-18	S-4 (2-2.5')	Soluble	Solid	300.0	5246
880-3947-19	S-4 (3-3.5')	Soluble	Solid	300.0	5246
880-3947-20	H-1	Soluble	Solid	300.0	5246
880-3947-21	H-2	Soluble	Solid	300.0	5246
880-3947-22	H-3	Soluble	Solid	300.0	5246
880-3947-23	H-4	Soluble	Solid	300.0	5246
MB 880-5246/1-A	Method Blank	Soluble	Solid	300.0	5246
LCS 880-5246/2-A	Lab Control Sample	Soluble	Solid	300.0	5246
LCSD 880-5246/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5246
880-3947-18 MS	S-4 (2-2.5')	Soluble	Solid	300.0	5246
880-3947-18 MSD	S-4 (2-2.5')	Soluble	Solid	300.0	5246

Lab Chronicle

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-1')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 18:12	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 10:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 18:44	CH	XEN MID

Client Sample ID: S-1 (1-1.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 18:53	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 11:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 19:00	CH	XEN MID

Client Sample ID: S-1 (2-2.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 19:14	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 11:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 19:06	CH	XEN MID

Client Sample ID: S-2 (0-1')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 19:34	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 12:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 19:11	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1-1.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 19:54	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 12:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 19:16	CH	XEN MID

Client Sample ID: S-2 (2-2.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 20:15	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 12:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 19:33	CH	XEN MID

Client Sample ID: S-2 (3-3.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 20:35	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 13:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 19:38	CH	XEN MID

Client Sample ID: S-2 (4-4.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 20:56	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 13:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 19:43	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-1')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5121	07/13/21 16:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5148	07/14/21 21:16	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 13:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		1			5247	07/15/21 19:49	CH	XEN MID

Client Sample ID: S-3 (1-1.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 15:39	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 14:18	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		5			5247	07/15/21 19:54	CH	XEN MID

Client Sample ID: S-3 (2-2.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 16:04	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 15:01	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5245	07/15/21 15:40	CH	XEN MID
Soluble	Analysis	300.0		10			5247	07/15/21 19:59	CH	XEN MID

Client Sample ID: S-3 (3-3.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 16:29	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 15:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	5133	07/13/21 19:39	SC	XEN MID
Soluble	Analysis	300.0		5			5134	07/14/21 14:52	SC	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (4-4.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 16:54	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 15:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5133	07/13/21 19:39	SC	XEN MID
Soluble	Analysis	300.0		1			5134	07/14/21 14:58	SC	XEN MID

Client Sample ID: S-4 (0-1')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 17:19	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 16:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5133	07/13/21 19:39	SC	XEN MID
Soluble	Analysis	300.0		1			5134	07/14/21 15:03	SC	XEN MID

Client Sample ID: S-4 (1-1.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 17:44	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 16:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5133	07/13/21 19:39	SC	XEN MID
Soluble	Analysis	300.0		1			5134	07/14/21 15:20	SC	XEN MID

Client Sample ID: S-4 (2-2.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 18:09	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 16:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 21:53	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (3-3.5')
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 18:34	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 17:08	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 22:09	CH	XEN MID

Client Sample ID: H-1
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 18:59	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 17:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 22:14	CH	XEN MID

Client Sample ID: H-2
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 19:24	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 17:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 22:20	CH	XEN MID

Client Sample ID: H-3
Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 21:06	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5156	07/14/21 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5258	07/16/21 18:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 22:25	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Client Sample ID: H-4

Date Collected: 07/12/21 00:00
Date Received: 07/13/21 11:56

Lab Sample ID: 880-3947-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	5122	07/13/21 16:36	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5144	07/14/21 21:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5191	07/14/21 14:16	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5214	07/16/21 03:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5246	07/15/21 15:42	CH	XEN MID
Soluble	Analysis	300.0		1			5248	07/15/21 22:41	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Salada Vista 36 State 2H (06.27.21)

Job ID: 880-3947-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-3947-1	S-1 (0-1')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-2	S-1 (1-1.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-3	S-1 (2-2.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-6	S-2 (0-1')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-7	S-2 (1-1.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-8	S-2 (2-2.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-9	S-2 (3-3.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-10	S-2 (4-4.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-11	S-3 (0-1')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-12	S-3 (1-1.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-13	S-3 (2-2.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-14	S-3 (3-3.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-15	S-3 (4-4.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-16	S-4 (0-1')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-17	S-4 (1-1.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-18	S-4 (2-2.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-19	S-4 (3-3.5')	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-20	H-1	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-21	H-2	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-22	H-3	Solid	07/12/21 00:00	07/13/21 11:56
880-3947-23	H-4	Solid	07/12/21 00:00	07/13/21 11:56

Chain of Custody

880-3947 Chain of Custody

: 3947

Page 1 of 3

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

Project Name:	Salada Vista 36 State 2H (06.27.21)	Turn Around	
Project Number:	214373	☐ Routine ☑ Rush	
Project Location	Eddy Co, NM	Due Date:	72 hrs
Sampler's Name:	NH	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	ID8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.5
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.5
Total Containers:	23	Corrected Temperature:	6.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
S-1 (0-1')	7/12/2021	-	x	N/A	G	1		x	x	x		4 oz.
S-1 (1-1.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-1 (2-2.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-1 (3-3.5')	7/12/2021	-	x	N/A	G	1					x	
S-1 (4-4.5')	7/12/2021	-	x	N/A	G	1					x	
S-2 (0-1')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-2 (1-1.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-2 (2-2.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-2 (3-3.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-2 (4-4.5')	7/12/2021	-	x	N/A	G	1		x	x	x		

Additional Comments: IF TPH Exceeds 100 mg/kg run deep Samples
IF Chlorides exceed 600 mg/kg run deeper Samples

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 Nick Hart		7/13/21 1150	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

8/12/2021 (Rev. 1)

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 3947

Page 2 of 3

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

Project Name:	Salada Vista 36 State 2H (06.27.21)	Turn Around	
Project Number:	214373	☐ Routine ☑ Rush	
Project Location	Eddy Co, NM	Due Date:	72 hrs
Sampler's Name:	NH	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.5
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.5
Total Containers:		Corrected Temperature:	6.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
S-3 (0-1')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-3 (1-1.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-3 (2-2.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-3 (3-3.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-3 (4-4.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-4 (0-1')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-4 (1-1.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-4 (2-2.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
S-4 (3-3.5')	7/12/2021	-	x	N/A	G	1		x	x	x		
H-1	7/12/2021	-	x	N/A	G	1		x	x	x		

Additoinal 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 Nick Hart		7/13/21 1150	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

8/12/2021 (Rev. 1)

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 3947

Page 3 of 3

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

Project Name:	Salada Vista 36 State 2H (06.27.21)	Turn Around	
Project Number:	214373	☐ Routine ☑ Rush	
Project Location	Eddy Co, NM	Due Date:	72 hrs
Sampler's Name:	NH	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.5
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.5
Total Containers:		Corrected Temperature:	6.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
H-2	7/12/2021	-	x	N/A	G	1		x	x	x		
H-3	7/12/2021	-	x	N/A	G	1		x	x	x		
H-4	7/12/2021	-	x	N/A	G	1		x	x	x		

Additoinal 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 Nick Hard		7/13/21 1190	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-3947-1
SDG Number: Eddy Co, NM

Login Number: 3947
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No times 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	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-5004-1
Laboratory Sample Delivery Group: Eddy Co, NM
Client Project/Site: Salada Vista 36 State 2H (06.27.21)

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

JKramer

Authorized for release by:
8/13/2021 5:58:50 PM

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

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: NTG - COG Project

Laboratory Job ID: 880-5004-1
SDG: Eddy Co, NM

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Job ID: 880-5004-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-5004-1

Receipt
The sample was received on 8/11/2021 11:30 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C

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

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

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

Client Sample Results

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (5')
Date Collected: 08/02/21 00:00
Date Received: 08/11/21 11:30

Lab Sample ID: 880-5004-1
Matrix: Solid

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		08/12/21 10:00	08/12/21 17:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 17:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 17:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 17:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/12/21 10:00	08/12/21 17:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 17:37	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/12/21 10:00	08/12/21 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*08/12/21 10:00*	*08/12/21 17:37*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*08/12/21 10:00*	*08/12/21 17:37*	*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		08/11/21 13:53	08/11/21 21:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/11/21 13:53	08/11/21 21:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/11/21 13:53	08/11/21 21:44	1
Total TPH	<50.0	U	50.0		mg/Kg		08/11/21 13:53	08/11/21 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/11/21 13:53*	*08/11/21 21:44*	*1*
o-Terphenyl	*88*		*70 - 130*	*08/11/21 13:53*	*08/11/21 21:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.8**		5.05		mg/Kg			08/13/21 11:15	1

Surrogate Summary

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-5004-1	S-3 (5')	121	102
890-1077-A-33-G MS	Matrix Spike	106	105
890-1077-A-33-H MSD	Matrix Spike Duplicate	109	107
LCS 880-6380/1-A	Lab Control Sample	109	105
LCSD 880-6380/2-A	Lab Control Sample Dup	109	106
MB 880-6380/5-A	Method Blank	107	99

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-5004-1	S-3 (5')	88	88
880-5004-1 MS	S-3 (5')	87	78
880-5004-1 MSD	S-3 (5')	91	79
LCS 880-6405/2-A	Lab Control Sample	97	92
LCSD 880-6405/3-A	Lab Control Sample Dup	86	80
MB 880-6405/1-A	Method Blank	86	89

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6380/5-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/12/21 10:00	08/12/21 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*08/12/21 10:00*	*08/12/21 12:30*	*1*

Lab Sample ID: LCS 880-6380/1-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6380

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09363		mg/Kg		94	70 - 130		
Toluene			0.100	0.08738		mg/Kg		87	70 - 130		
Ethylbenzene			0.100	0.08721		mg/Kg		87	70 - 130		
m-Xylene & p-Xylene			0.200	0.1793		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.08868		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-6380/2-A
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 6380

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09726		mg/Kg		97	70 - 130	4	35
Toluene			0.100	0.08919		mg/Kg		89	70 - 130	2	35
Ethylbenzene			0.100	0.08897		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1804		mg/Kg		90	70 - 130	1	35
o-Xylene			0.100	0.08981		mg/Kg		90	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-1077-A-33-G MS
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00199	U	0.101	0.1019		mg/Kg		101	70 - 130		

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-1077-A-33-G MS
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00199	U	0.101	0.09253		mg/Kg		92	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.08916		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1795		mg/Kg		89	70 - 130
o-Xylene	<0.00199	U	0.101	0.08911		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-1077-A-33-H MSD
Matrix: Solid
Analysis Batch: 6428

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 6380

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1074		mg/Kg		107	70 - 130	5	35
Toluene	<0.00199	U	0.100	0.09866		mg/Kg		99	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.100	0.09490		mg/Kg		95	70 - 130	6	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1912		mg/Kg		96	70 - 130	6	35
o-Xylene	<0.00199	U	0.100	0.09493		mg/Kg		95	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 880-6405/1-A
Matrix: Solid
Analysis Batch: 6366

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6405

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		08/11/21 13:53	08/11/21 20:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/11/21 13:53	08/11/21 20:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/11/21 13:53	08/11/21 20:41	1
Total TPH	<50.0	U	50.0		mg/Kg		08/11/21 13:53	08/11/21 20:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*08/11/21 13:53*	*08/11/21 20:41*	*1*
o-Terphenyl	*89*		*70 - 130*	*08/11/21 13:53*	*08/11/21 20:41*	*1*

Lab Sample ID: LCS 880-6405/2-A
Matrix: Solid
Analysis Batch: 6366

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6405

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	919.3		mg/Kg		92	70 - 130

QC Sample Results

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-6405/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6366 — **Prep Batch: 6405**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (Over C10-C28)			1000	1009		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*92*		*70 - 130*

Lab Sample ID: LCSD 880-6405/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6366 — **Prep Batch: 6405**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	846.6		mg/Kg		85	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	888.7		mg/Kg		89	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*86*		*70 - 130*
o-Terphenyl	*80*		*70 - 130*

Lab Sample ID: 880-5004-1 MS — **Client Sample ID: S-3 (5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6366 — **Prep Batch: 6405**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	987.1		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1100		mg/Kg		111	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*78*		*70 - 130*

Lab Sample ID: 880-5004-1 MSD — **Client Sample ID: S-3 (5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6366 — **Prep Batch: 6405**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1018		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1140		mg/Kg		114	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*91*		*70 - 130*
o-Terphenyl	*79*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6376/1-A
Matrix: Solid
Analysis Batch: 6409

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			08/13/21 08:45	1

Lab Sample ID: LCS 880-6376/2-A
Matrix: Solid
Analysis Batch: 6409

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	255.7		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-6376/3-A
Matrix: Solid
Analysis Batch: 6409

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	256.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-4994-A-1-D MS
Matrix: Solid
Analysis Batch: 6409

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	405		250	669.3		mg/Kg		106	90 - 110		

Lab Sample ID: 880-4994-A-1-E MSD
Matrix: Solid
Analysis Batch: 6409

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	405		250	670.5		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 6380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5004-1	S-3 (5')	Total/NA	Solid	5035	
MB 880-6380/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6380/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6380/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1077-A-33-G MS	Matrix Spike	Total/NA	Solid	5035	
890-1077-A-33-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 6428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5004-1	S-3 (5')	Total/NA	Solid	8021B	6380
MB 880-6380/5-A	Method Blank	Total/NA	Solid	8021B	6380
LCS 880-6380/1-A	Lab Control Sample	Total/NA	Solid	8021B	6380
LCSD 880-6380/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6380
890-1077-A-33-G MS	Matrix Spike	Total/NA	Solid	8021B	6380
890-1077-A-33-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6380

GC Semi VOA

Analysis Batch: 6366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5004-1	S-3 (5')	Total/NA	Solid	8015B NM	6405
MB 880-6405/1-A	Method Blank	Total/NA	Solid	8015B NM	6405
LCS 880-6405/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6405
LCSD 880-6405/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6405
880-5004-1 MS	S-3 (5')	Total/NA	Solid	8015B NM	6405
880-5004-1 MSD	S-3 (5')	Total/NA	Solid	8015B NM	6405

Prep Batch: 6405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5004-1	S-3 (5')	Total/NA	Solid	8015NM Prep	
MB 880-6405/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6405/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6405/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5004-1 MS	S-3 (5')	Total/NA	Solid	8015NM Prep	
880-5004-1 MSD	S-3 (5')	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 6376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5004-1	S-3 (5')	Soluble	Solid	DI Leach	
MB 880-6376/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6376/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6376/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4994-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-4994-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 6409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5004-1	S-3 (5')	Soluble	Solid	300.0	6376
MB 880-6376/1-A	Method Blank	Soluble	Solid	300.0	6376
LCS 880-6376/2-A	Lab Control Sample	Soluble	Solid	300.0	6376

QC Association Summary

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 6409 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-6376/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6376
880-4994-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	6376
880-4994-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	6376

Lab Chronicle

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (5')
Date Collected: 08/02/21 00:00
Date Received: 08/11/21 11:30

Lab Sample ID: 880-5004-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6380	08/12/21 10:00	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6428	08/12/21 17:37	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6405	08/11/21 13:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6366	08/11/21 21:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6376	08/11/21 13:00	SC	XEN MID
Soluble	Analysis	300.0		1			6409	08/13/21 11:15	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Laboratory: Eurofins Xenco, Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

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

Protocol References:

ASTM = ASTM International

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

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

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: NTG - COG Project

Job ID: 880-5004-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5004-1	S-3 (5')	Solid	08/02/21 00:00	08/11/21 11:30

Chain of Custody

NTG ENVIRONMENTAL

880-5004 Chain of Custody

Order No: 5004

Page 1 of 1

Project Manager	Mike Carmona	Bill to. (if different)	Jacqui Harris
Company Name.	NTG Environmental	Company Name.	COG
Address	701 Tradewinds BLVD	Address	15 W London Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving NM 88256
Phone.	432-813-0263 Email		jacquiharris@conocophilips.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	Salada Vista 36 State 2H (06 27 21)	Turn Around	
Project Number	214373	☐ Routine ☑ Rush	
Project Location	Eddy Co, NM	Due Date	72 hrs
Sampler's Name.	NH	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank.	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR90
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	0.5
Sample Custody Seals	Yes No (N/A)	Temperature Reading	37
Total Containers		Corrected Temperature	37

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300 0	HOLD
S-3 (5')	8/2/2021	-	x	N/A	G	1		x	x	x	

Parameters

Preservative Codes

None NO DI Water H_2O

Cool Cool MeOH Me

HCL HC HNO_3 HN

H_2S0_4 H_2 NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

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		8/11/21 1120	2		
3			4		
5			6		

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5004-1
SDG Number: Eddy Co, NM

Login Number: 5004
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No times 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	

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

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: Jacqui Harris Date: 9.27.21

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: _____

Printed Name: _____ Title: _____

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 52475

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 52475
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2120131881 SALADA VISTA 36 STATE 002H, thank you. This closure is approved.	2/8/2022