

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	nCS2034632180
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	LOGOS Operating, LLC	OGRID	289408
Contact Name	Marie E. Florez	Contact Telephone	505-419-8420
Contact email	mflorez@logosresourcecellc.com	Incident # (assigned by OCD)	nCS2034632180
Contact mailing address	2010 Afton Place, Farmington NM 87401		

### Location of Release Source

Latitude 36.1836815 Longitude -107.5111008  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Quinella 2	Site Type	Well
Date Release Discovered	2/18/2020	API# (if applicable)	30-043-20945

Unit Letter	Section	Township	Range	County
F	31	23N	6W	Sandoval

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: NM 58871)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe) Paraffin	Volume/Weight Released (provide units) ~1bbl	Volume/Weight Recovered (provide units)

#### Cause of Release

The release was reported by another Operator to OCD. OCD inspected and determined it was paraffin & had drained down the natural drainage into the erosion channel with identifiable banks approximately 200' from the riser. The amount in the erosion channel was considered minimal but reportable. OCD will be notified 48 hours prior to sampling.

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

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
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: Marie E. Florez	Title: Regulatory Specialist
Signature: <i>Marie E. Florez</i>	Date: 12/02/2020
email: mflorez@logosresourcesllc.com	Telephone: 505-419-8420
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

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## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	50-100 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

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

Printed Name: Marie E. Florez Title: Regulatory Specialist

Signature: Marie E Florez Date: 10/12/2021

email: mflorez@logosresourcesllc.com Telephone: 505-419-8420

**OCD Only**

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



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## 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: Marie E. Florz Title: Regulatory Specialist

Signature: Marie E. Florz Date: 10/12/2021

email: mflorez@logosresourcesllc.com Telephone: 505-419-8420

### 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: Nelson Velez Date: 01/19/2022

Printed Name: Nelson Velez Title: Environmental Specialist – Adv

# Release Confirmation Sampling Report

**Quinella #001/#002**

API #30-043-20077/20945

Unit D/F, Section 31, T23N, R6W

Sandoval County, New Mexico

September 17, 2021

Project #12035-0169



Ms. Marie Florez  
2010 Afton Place  
Farmington, New Mexico

Phone: (505) 787-2218

E-mail: [mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



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 API #30-043-20077/20945  
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 Sandoval County, New Mexico

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October 11, 2021

Cory Smith  
New Mexico Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Incident # nCS2034632180

**RE: The release was reported by another Operator to OCD. OCD inspected and determined it was paraffin & had drained down the natural drainage into the erosion channel with identifiable banks approximately 200' from the riser. The amount in the erosion channel was considered minimal but reportable at the Quinella 1 well site. Located in Section 31, Township 23 North, Range 6 West, Sandoval, New Mexico.**

Dear Mr. Smith,

On February 18, 2020, LOGOS Operating, LLC was notified by a Dugan Production employee regarding the following release which was estimated to be 1bbl of paraffin from the riser. NMOCD inspector evaluated the release and the paraffin had been running down the natural drainage into the erosion channel.

On February 2020, LOGOS pumper immediately excavated the contaminated soil and disposed at Envirotech landfarm. The following release was never sampled nor closed out properly with NMOCD due to change in staff.

On November 30, 2020, NMOCD (Corey Smith) contacted LOGOS for a closure status. Due to a change in staff during this time, this release was never discussed and was dropped within the company.

On January 8, 2021, LOGOS acted and proceeded with a prelim-sample of the contaminated area that identified the content level of the contaminated area. See attached: Map of content levels.

On May 17, 2021, LOGOS begin remediation per the map layout from January. LOGOS requested for Envirotech, INC. to proceed with project since it became a very highly contaminated area that need several samples completed.

Sincerely,

Marie E. Florez  
Regulatory Specialist  
Cell: 505-419-8420  
Office: 505-787-2218

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



## Introduction

Envirotech, Inc. (Envirotech) of Farmington, New Mexico, was contracted by Logos Operating, LLC (Logos) to provide sampling activities for the closure of a remediation excavation at the Quinella #001/#002 well site (API: 30-043-20077/20945). The site is located within Unit D and F, Section 31, Township 23 North, Range 6 West, Sandoval County, New Mexico; see **Figure 1, Vicinity Map**.

The release was the result of a leak in the condensate line associated with the Quinella #002 and consisted of a loss of condensate. During remediation activities a historical release associated with the Quinella #001 was discovered.

## Regulatory Standards

The following closure criteria from 19.15.29.12 NMAC were applied:

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
Total Petroleum Hydrocarbons (TPH)	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg
Benzene	EPA Method 8021B	10 mg/kg

The closest groundwater well, SJ-04054 POD 1, is located 3.52 miles from the site and has a depth to groundwater of 180 feet. The impacted site is 122 feet higher in elevation compared to the SJ-04054 POD 1 well. The site is 539 feet from a tributary of Cañada Alemita. The site is 60 feet higher than the tributary, therefore; groundwater is estimated to be between 50 and 100 feet. However, the site was ranked at the most stringent standards due to the spill path terminus being approximately 300 feet from an unnamed ephemeral stream (dry wash). Siting criteria documentation for the subject well site is provided in **Appendix A, Siting Documentation**.

## Release Closure Activities

Logos' contractor excavated the impacted soil from the site on May 17, 2021, through August 30, 2021. Approximately 2,932 cubic yards of petroleum contaminated soil (PCS) were transported to Envirotech's NMOCD permitted soil remediation facility, *Landfarm #2*. Waste disposal documentation is provided in **Appendix B, Waste Disposal Documentation**.

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### **Laboratory Analysis**

Envirotech personnel completed the initial confirmation sampling activities on June 21, 2021. Samples were collected from the walls and the base of the excavation. A total of fifty (50) samples were collected. Of the fifty (50) samples collected, sixteen (16) of those samples returned analytical results above the regulatory standards.

Envirotech personnel returned to the site on July 21, 2021, to collect confirmation samples from the areas that were further remediated. Due to the extent of the remediation, eighteen (18) samples were collected. Of the eighteen (18) samples collected, two (2) of those samples returned analytical results above the regulatory standards.

Envirotech personnel returned to the site on July 28, 2021, to collect confirmation samples from the areas that were further remediated. Due to the extent of the remediation, three (3) samples were collected. Of the three (3) samples collected, two (2) of those samples returned analytical results above the regulatory standards.

Envirotech personnel returned to the site on August 20, 2021, to collect confirmation samples from the areas that were further remediated. Both samples collected returned results below the regulatory standards indicating remediation was completed.

The final dimensions of the excavation measured approximately 155 feet long by 100 feet wide with a maximum depth of 9 feet below ground surface (bgs). The wash excavation dimensions measured approximately 43 feet long by 6 feet wide with a depth ranging 6 to 8 feet bgs.

All soil samples collected were placed into individual laboratory provided 4-ounce jars, capped head space free, and transported on ice to Envirotech Analytical Laboratory. The soil sample locations are illustrated in **Figure 2, Site Map** and **Appendix C, Field Notes with EPA 418.1 Field Screening Reports**.

### **Laboratory Analytical Results**

The soil samples were analyzed per analytical methods referenced in 19.15.29.12 NMAC. The laboratory analytical results were below regulatory standards for all constituents analyzed. Analytical results are summarized in **Table 1, Summary of Soil Analytical Results** and **Appendix D, Laboratory Analytical Report**.



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### Reclamation Activities

Logos' contractor began backfilling the excavation on July 28, 2021 and completed the backfill of the subject excavation on August 30, 2021. The excavation was backfilled with non-waste containing, earthen material. The site was recontoured and graded to prevent ponding and erosion. Backfill photos are provided in **Appendix E, Site Photography**.

### Summary and Conclusions

Envirotech personnel completed confirmation sampling of the release closure that was completed at the Quinella #001 well site. The release was the result of a leak in the condensate line associated with the Quinella #002 and consisted of a loss of condensate. During remediation activities a historical release associated with the Quinella #001 was discovered. Based on the analytical results; Envirotech recommends requesting a *No Further Action* status from the BLM and NMOCD regarding the released closure.

### Statement of Limitations

The work and services provided were in accordance with the BLM and NMOCD standards. All observations and conclusions provided here are based on the information and current site conditions found at the subject well site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,  
**ENVIROTECH, INC.**

Reviewed by:

  
Kholeton Sanchez  
Environmental Field Technician  
[ksanchez@envirotech-inc.com](mailto:ksanchez@envirotech-inc.com)

  
Felipe Aragon, CHMM, CES  
Environmental Assistant Manager  
[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)

# Figures



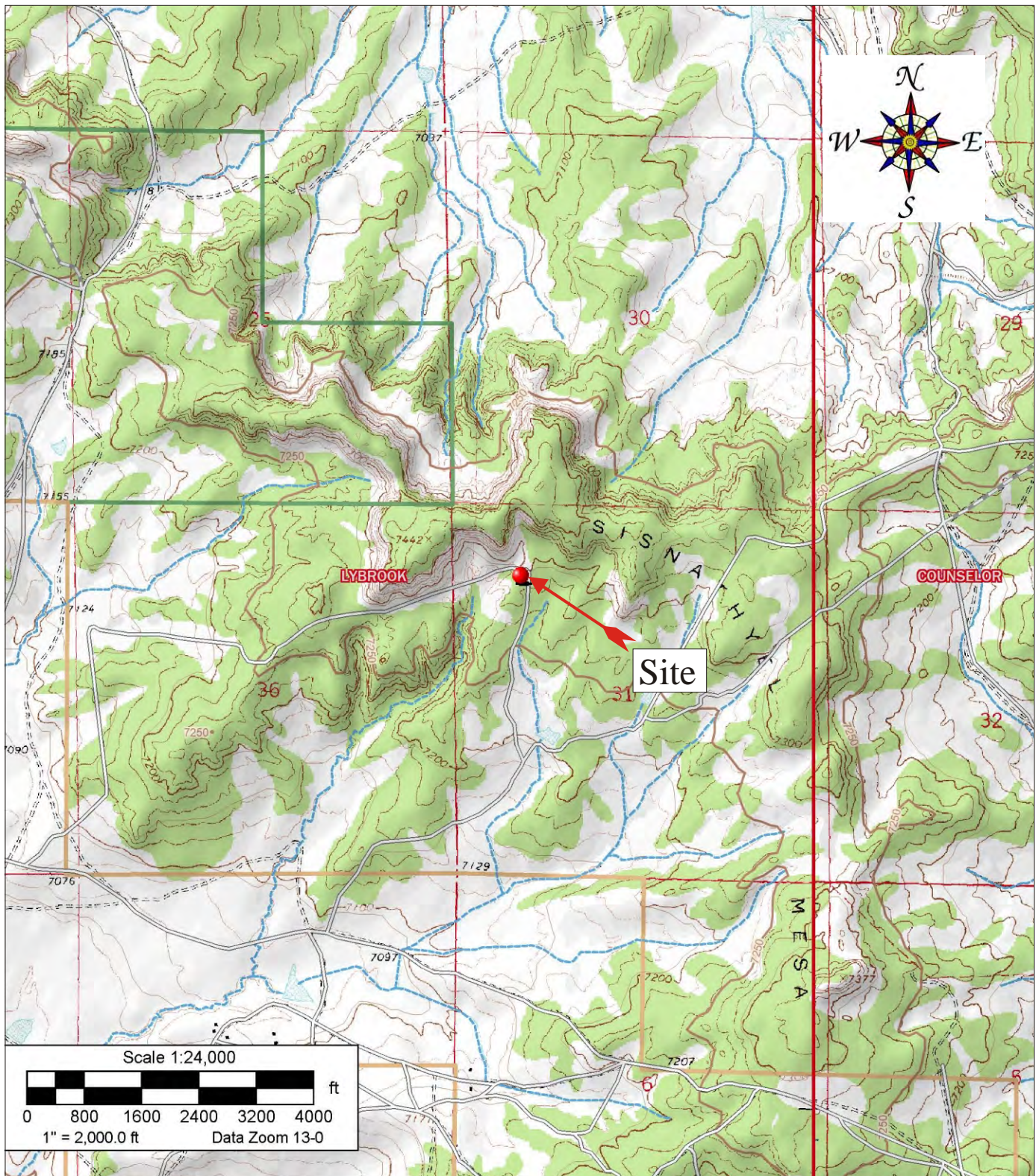
**Figure 1, *Vicinity Map***

**Figure 2, *Site Map***



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Source: 7.5 Minute, Lybrook, New Mexico U.S.G.S. Topographic Quadrangle Map  
 Scale: 1:24,000 1" = 2,000

Logos Operating, LLC.  
 Confirmation Sampling Report  
 Quinella #001/#002 Well Site  
 Sandoval County, New Mexico  
 36.1871223, -107.514473



5796 U.S. HIGHWAY 64  
 Farmington, New Mexico 87401  
 505.632.0615

Vicinity Map

Figure #1

Project Number: 17035-0169

Date Drawn: 08/30/2021

DRAWN BY:  
 Brittany Hall

PROJECT MANAGER:  
 Felipe Aragon



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Received by OCD: 10/12/2021 8:11:59 AM  
Released to Imaging: 1/19/2022 1:30:35 PM

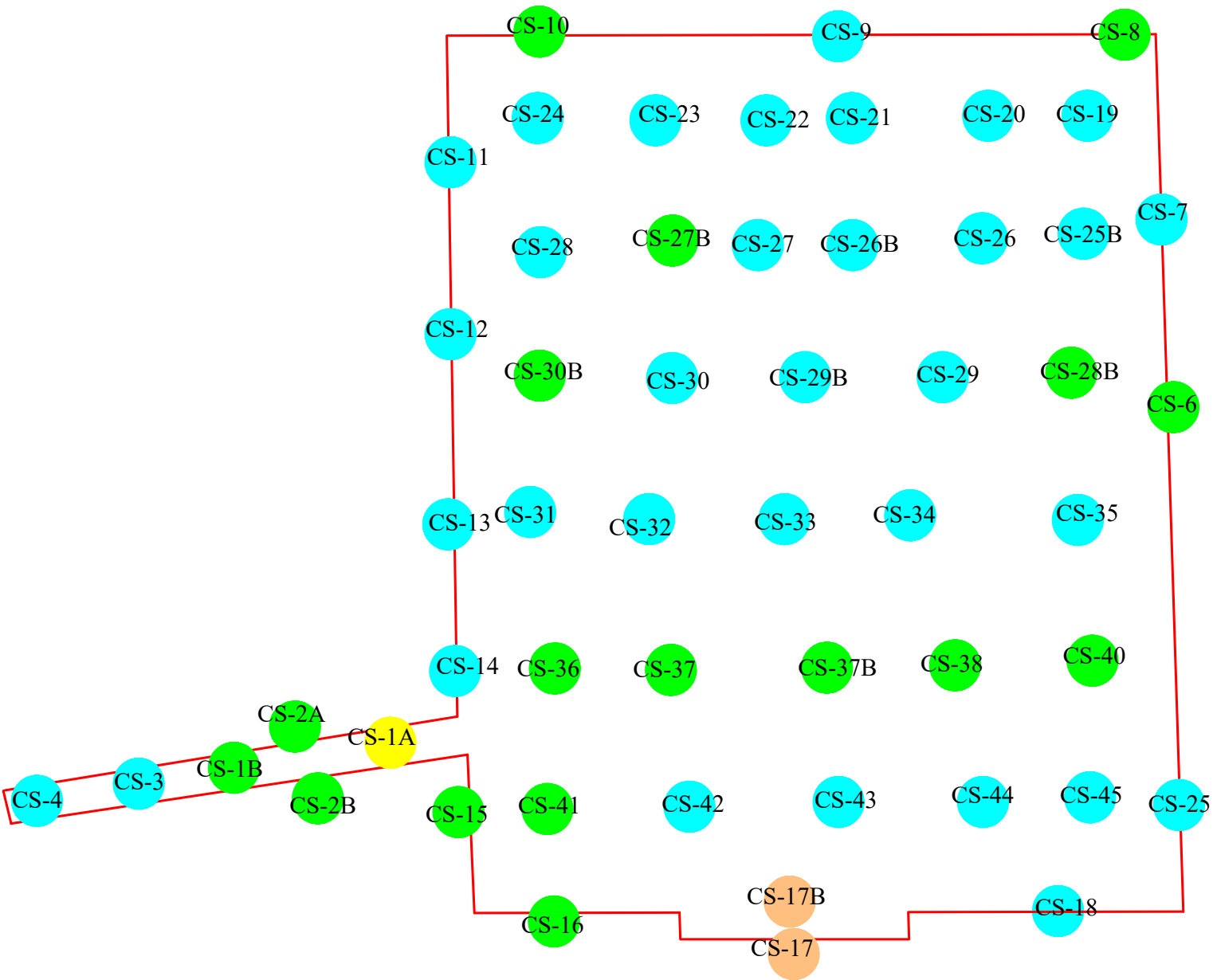


Figure 2, Site Map

Logos Operating, LLC.  
Release Closure Report  
Quinelle #001/#002 Well Site  
API: 30-043-20077/20945  
Unit D/F Section 31, T23N, R6W  
Sandoval, New Mexico  
36.18712, -107.51447



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615

MAP DRAWN BY: BAH	DATE DRAWN: 08/30/2021
REVISIONS BY: BAH	DATE REVISED: 09/17/2021
APPROVED BY: NAME	DATE APPROVED: DATE

LEGEND

- Soil Sample Locations below regulatory standards on 6/21/2021
- Soil Sample Locations below regulatory standards on 7/22/2021
- Soil Sample Locations below regulatory standards on 7/28/2021
- Soil Sample Locations below regulatory standards on 8/20/2021





# Tables



**Table 1, *Summary of Soil Analytical Results***



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**Table 1, Summary of Soil Analytical Results**  
**Logos Operating, LLC Release Closure Report**  
**Quinella #001/#002 ; API: 30-043-20077/20945**  
**Unit D/F Section 31, Township 23N, Range 6W**  
**Sandoval County, New Mexico**  
**Project #12035-0169**

Laboratory Sample ID	Date	Sample Depth (below ground surface)	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)			100 mg/kg			10 mg/kg	50 mg/kg	600 mg/kg
CS-3	6/21/2021	3.5 feet	<20.0	46.2	<50.0	<0.025	<0.1	81.9
CS-4		0.5-3 feet	<20.0	<25.0	<50.0	<0.025	<0.1	44.6
CS-7		1-8 feet	<20.0	<25.0	50.4	<0.025	<0.1	163
CS-9		1-8 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-11		1-8 feet	<20.0	<25.0	<50.0	<0.025	<0.1	58.7
CS-12		1-8 feet	<20.0	<25.0	<50.0	<0.025	<0.1	158
CS-13		1-8 feet	<20.0	<25.0	<50.0	<0.025	<0.1	71.2
CS-14		1-8 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<40.0
CS-18		1-8 feet	<20.0	<25.0	<50.0	<0.025	<0.1	32.3
CS-19		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	56.1
CS-20		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	49.7
CS-21		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	63.6
CS-22		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	66.1
CS-23		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	59.2
CS-24		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	107
CS-25		1-8 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-25B		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	22.2
CS-26		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-26B		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-27		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-28		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	41.9
CS-29		9 feet	<20.0	<25.0	67.8	<0.025	<0.1	<20.0
CS-29B		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-30		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-30B		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-31		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-32		9 feet	<20.0	<25.0	57.6	<0.025	<0.1	<20.0
CS-33		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-34		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-35		9 feet	<20.0	<25.0	52.8	<0.025	<0.1	<20.0
CS-42		9 feet	<20.0	31.0	67.2	<0.025	<0.1	<20.0
CS-43		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-44		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-45		9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	26.8
CS-1B	7/22/2021	7 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-2A		0.5-7 feet	<20.0	<25.0	<50.0	<0.025	<0.1	23.3
CS-2B		0.5-7 feet	<20.0	<25.0	<50.0	<0.025	<0.1	34.9
CS-6		1-9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	59.9
CS-8		1-9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	235
CS-10		1-9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-15		1-9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	44.9
CS-16		1-9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-27B		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-28B		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-36		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-37		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-37B		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-38		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-40		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-41		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-1A	7/28/2021	9 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-17	8/20/2021	0.5-7 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-17B		10 feet	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0



Practical Solutions for a Better Tomorrow

# Appendix A



## *Siting Criteria Documentation*



Practical Solutions for a Better Tomorrow

<b>Site Name:</b>	Quinella #001/#002			
<b>API #:</b>	30-043-20077/20945			
<b>Lat/Long:</b>	36.18712, -107.51447			
<b>TRS:</b>	Unit D/F, Sec 31 T23N R6W			
<b>Land Jurisdiction:</b>	Federal			
<b>County:</b>	Sandoval			
<b>Wellhead Protection Area Assessment</b>				
<b>Water Source Type (well/spring/stock pond)</b>	<b>ID</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Distance</b>
<b>Distance to Nearest Significant Watercourse</b>				
539 to tributary of Canada Alemita, spill path approx. 300 ft from dry wash				
<b>Depth to Groundwater Determination</b>				
Cathodic Report/Site Specific Hydrogeology				
Elevation Differential	site 7,313 creek 7,253 = 60 ft difference			
Water Wells	SJ-04054 POD 1 dtw=180 ft			
<b>Sensitive Receptor Determination</b>				
<300' of any continuously flowing watercourse or any other significant watercourse				Yes
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water Mark)				No
<300' of an occupied permanent residence, school, hospital, institution or church				No
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes				No
<1000' of any water well or spring				No
Within incorporated municipal boundaries or within a defined municipal fresh water well				No
<300' of a wetland				No
Within the area overlying a subsurface mine				No
Within an unstable area				No
Within a 100-year floodplain				No
<b>DTW Determination</b>	<b>≤50</b> <input checked="" type="checkbox"/>	<b>50-100</b> <input type="checkbox"/>	<b>&gt;100</b> <input checked="" type="checkbox"/>	
Benzene	<b>10</b>	<b>10</b>	<b>10</b>	
BTEX (mg/kg)	<b>50</b>	<b>50</b>	<b>50</b>	
8015 TPH (GRO/DRO) (mg/kg)	<b>Not Applicable</b>	<b>1,000</b>	<b>1,000</b>	
8015 TPH (GRO/DRO/MRO) (mg/kg)	<b>100</b>	<b>2,500</b>	<b>2,500</b>	
Chlorides (mg/kg)	<b>600</b>	<b>10,000</b>	<b>20,000</b>	



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Layer List

Layers

☒ Oil and Gas Wells

☒ OCD Districts and Offices

☒ NM Oil and Gas Production Areas

☐ Public Land Survey System

☐ NM SLO Participating Area and Unit Agreement Boundaries

☐ NM SLO Oil and Gas Leases

☐ BLM Oil and Gas Leases

☐ BLM Participating Areas

☐ BLM Unitization Agreements

☐ BLM Communitization Agreements

☐ Political Boundaries and Transportation

☐ Mineral and Surface Ownership

☒ Hydrology

State

Room

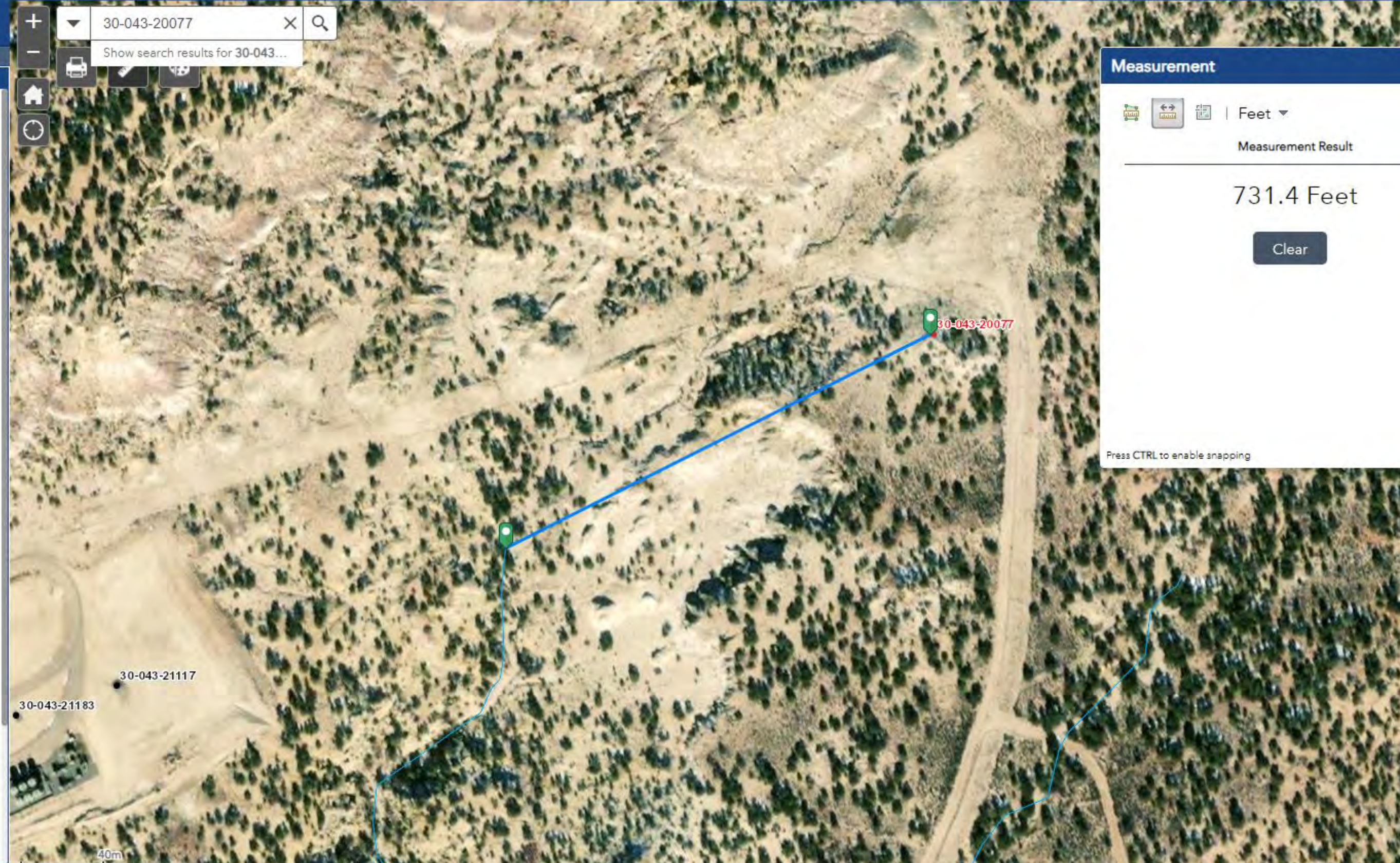
☒ PLJV Probable Pl

Transparency

☒ OSE Water-bodie

Set visibility range

Enable pop-up



Measurement

Feet

Measurement Result

731.4 Feet

Clear

Press CTRL to enable snapping



The screenshot displays a web-based mapping application interface. At the top, a search bar contains the text "30-043-20077" and a magnifying glass icon. Below the search bar, a dropdown menu shows "Show search results for 30-043...". The main map area shows a satellite view of a landscape with a blue line connecting two points. The point at the top is labeled "30-043-20077" and the point at the bottom is labeled "30-043-21117". A measurement tool panel is open on the left side, displaying "Measurement Result" and "539 Feet". The panel also includes a "Clear" button and a note "Press CTRL to enable snapping". A 40m scale bar is visible in the bottom left corner. The bottom right corner of the map area contains the text "POWERED BY".



Measurement

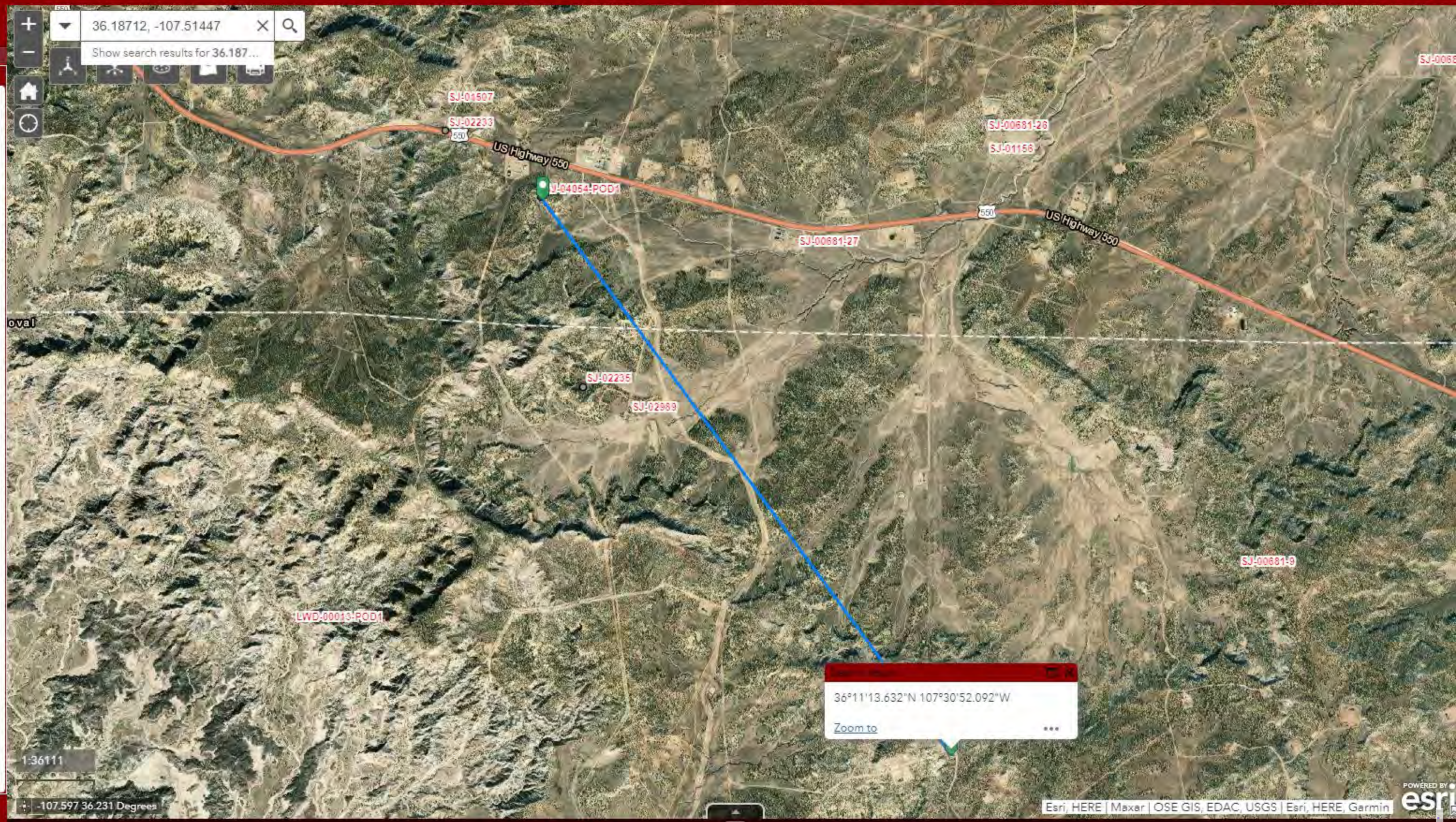
Miles

Measurement Result

3.52 Miles

Clear

Press CTRL to enable snapping





## Appendix B



### *Waste Disposal Documentation*



Practical Solutions for a Better Tomorrow



## Bill of Lading

MANIFEST # **68466**  
 GENERATOR **Logos**  
 POINT OF ORIGIN **Quinella #2**  
 TRANSPORTER **Kelley Oil Field**  
 DATE **05-17-21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII-5	Cont Soil	K24	20	—	—	—	5045	1200	<i>[Signature]</i>
2	"	"	K24	20	—	—	—	5095	1300	<i>[Signature]</i>
3	"	"	K24	20	—	—	—	5045	1519	<i>[Signature]</i>
4	"	"	K24	20	—	—	—	5095	1541	<i>[Signature]</i>
				<b>80</b>						

RESULTS		LANDFARM EMPLOYEE <i>Coary Robinson</i> <b>GWC</b>	NOTES 	
<b>2299</b>	CHLORIDE TEST			<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receiptal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.
	CHLORIDE TEST			
	CHLORIDE TEST			
<b>PASS</b>	PAINT FILTER TEST			

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document.

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BOL# 68466

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05-17-21 TIME 1200 Attach test strin hereCUSTOMER CogasSITE Quinella #2DRIVER [Signature]SAMPLE Soil ☒ Straight ☐ With Dirt ☐CHLORIDE TEST -299 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1200 Time completed 1210PASS YES ☐ NO ☐SAMPLER/ANALYST Gary Robinson





# Bill of Lading

MANIFEST # **68467**  
 GENERATOR Envirotech  
 POINT OF ORIGIN Quinetta #2  
 TRANSPORTER Kelleys Land Farm  
 DATE 05-17-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos	Virginso.L	-	20	-	-	-	5045	1200	J.F.
2	Quinetta #2	" "	-	20	-	-	-	5095	1300	Steve Litch
				<u>40</u>						

RESULTS		LANDFARM EMPLOYEE <u>Gary Robinson</u> <input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out	NOTES  
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	PAINT FILTER TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68469**  
 GENERATOR Envirotech  
 POINT OF ORIGIN Land Farm  
 TRANSPORTER Kelley Oil Field  
 DATE 05-18-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos	Virgin Soil	-	20	-	-	-	5105	0735	EG
2	#2	" "	-	12	-	-	-	DT05	0735	SRB
				<u>32</u>						

RESULTS		LANDFARM EMPLOYEE <u>Gary Robinson</u> <i>GW</i>	NOTES 
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	PAINT FILTER TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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## Bill of Lading

MANIFEST # 68472  
GENERATOR Logos  
POINT OF ORIGIN Quinella #2  
TRANSPORTER Kelley Oil Field  
DATE 05-18-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact	Phone
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BOL# 68469

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05-18-21 TIME 1035 Attach test strip hereCUSTOMER LogosSITE Quinella #2DRIVER Don PSAMPLE Soil      Straight      With Dirt     CHLORIDE TEST -299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1035 Time completed 1046PASS YES      NO     SAMPLER/ANALYST Gary Robinson





# Bill of Lading

MANIFEST # **68485**GENERATOR EnvirotechPOINT OF ORIGIN land farmTRANSPORTER Kelley Oil FieldDATE 05-19-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	logos quinella	Virgin soil	—	12	—	—	—	D702	1020	Troy Pope
2	" #2	" "	—	20	—	—	—	513	1140	Angioe
3	" "	" "	—	20	—	—	—	5045	1140	Teshima J.
4	" "	" "	—	20	—	—	—	5085	1350	Angioe
5	" "	" "	—	20	—	—	—	513	1407	Angioe
6	" "	" "	—	20	—	—	—	5045	1430	Angioe
7	" "	" "	—	12	—	—	—	D702	1430	Troy Pope
				<u>124</u>						

RESULTS		LANDFARM EMPLOYEE <u>Gray Robinson</u> <b>GWC</b>	NOTES 
CHLORIDE TEST			
CHLORIDE TEST			
CHLORIDE TEST			
PAINT FILTER TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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## Bill of Lading

MANIFEST # 68488

GENERATOR 20905

POINT OF ORIGIN Quinella # 2

TRANSPORTER Holley Oil Field

DATE 05-19-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF II.5	CONT SOIL	I23	20	-	-	-	513	1407	Angio P
2	"	" "	K23	20	-	-	-	504	1430	JLJ
3	"	" "	K21	17	-	-	-	Dt 02	1430	Trey Pope
4	"	" "	K-21	20	-	-	-	508 S	16:20	Angio P
5	"	" "	K-23	20	-	-	-	513 S	16:25	Angio P
6	"	" "	K-21	12	-	-	-	Dt 02	16:50	Jy K
7	"	" "	K-22	20	-	-	-	504 S	17:10	JLJ
				124						

RESULTS		LANDFARM EMPLOYEE Gary Robinson	NOTES LOAD # 7 AFTER HOURS
299	CHLORIDE TEST		
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input checked="" type="checkbox"/> After Hours/Weekend Receipt <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	
	CHLORIDE TEST		
PASS	PAINT FILTER TEST		

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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(1)

BOL# 68488

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05-19-21TIME 1407

Attach test strip here

CUSTOMER LogosSITE Quipella #2DRIVER FrancisSAMPLE Soil Straight      With Dirt     CHLORIDE TEST -299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1407 Time completed 1420PASS YES      NO     SAMPLER/ANALYST Gary Robinson

②

BOL# 68488

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05-19-21TIME 16:25

Attach test strip here

CUSTOMER logosSITE Quinella #2DRIVER [Signature]SAMPLE Soil Straight ☒ With Dirt ☐CHLORIDE TEST -299 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 16:25 Time completed 16:30PASS YES ☒ NO ☐SAMPLER/ANALYST [Signature]



## Bill of Lading

MANIFEST # 68489  
GENERATOR Envirotech  
POINT OF ORIGIN Land Farm  
TRANSPORTER Kelley Oil Field  
DATE 05-20-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos Quinella	Virgin Soil	-	12	-	-	-	D402	0705	Ty Kim
2	#2 "	" "	-	12	-	-	-	D402	1107	Troy Pope
3	" "	" "	-	<u>12</u>	-	-	-	D402	1345	Troy Pope
				36						
RESULTS		LANDFARM EMPLOYEE					NOTES			
	CHLORIDE TEST		<i>Gux</i>							
	CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receipt <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out							
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with.							
	PAINT FILTER TEST		certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.							

Generator Onsite Contact	Phone
--------------------------	-------

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# Bill of Lading

MANIFEST # **68495**  
 GENERATOR **10905**  
 POINT OF ORIGIN **Quinella #2**  
 TRANSPORTER **Kelley Oil Field**  
 DATE **05.20.21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF II 4	Cont soil	I24	12	—	—	—	DT02	1107	Troy Pope
2	LF II 4	" "	K24	20	—	—	—	5045	1127	Teshina Jim
3	"	" "	F24	12	—	—	—	DT02	1345	Troy Pope
4	"	" "	I23	12	—	—	—	DT02	1600	Troy Pope
				<b>56</b>						

RESULTS		LANDFARM EMPLOYEE <i>Cory Robinson</i>	NOTES
<b>L249</b>	CHLORIDE TEST <b>1</b>		
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receipt <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	
	CHLORIDE TEST		
<b>PAS</b>	PAINT FILTER TEST <b>1</b>		

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68495

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 05-20-21 TIME 1107 Attach test strip hereCUSTOMER 10905SITE Quinella #2DRIVER Troy PopeSAMPLE Soil X Straight X With Dirt       CHLORIDE TEST -299 mg/KgACCEPTED YES        NO       PAINT FILTER TEST Time started 1107 Time completed 1115PASS YES        NO       SAMPLER/ANALYST Cory Robinson



# Bill of Lading

MANIFEST # **68571**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Kolley Oil FieldDATE 06-02-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logan Quinella	Virgin Soil	-	20	-	-	-	5045	0730	<i>[Signature]</i>
2	"	" "	-	20	-	-	-	5055	0730	<i>[Signature]</i>
3	"	" "	-	20	-	-	-	5055	1109	<i>[Signature]</i>
4	"	" "	-	20	-	-	-	5045	1115	<i>[Signature]</i>
5	"	" "	-	20	-	-	-	5045	1435	<i>[Signature]</i>
6	"	" "	-	20	-	-	-	5055	1435	<i>[Signature]</i>
				<u>120</u>						
RESULTS		LANDFARM EMPLOYEE						NOTES		
	CHLORIDE TEST	<i>Gary Robinson</i>								
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out								
	CHLORIDE TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I								
	PAINT FILTER TEST	certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68577**GENERATOR **10905**POINT OF ORIGIN **Guinea #2**TRANSPORTER **Kelley**DATE **06.02.21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LEH.5	Con't so.2	K22	20	-	-	-	5055	1109	<i>[Signature]</i>
2	"	" "	K22	20	-	-	-	504	1115	<i>[Signature]</i>
3	"	" "	K22	20	-	-	-	504	1435	<i>[Signature]</i>
4	"	" "	K22	20	-	-	-	5055	1435	<i>[Signature]</i>
				<b>80</b>						
RESULTS		LANDFARM EMPLOYEE		<i>Gary Robinson</i> <b>GWR</b>				NOTES		
<b>4299</b>	CHLORIDE TEST	<b>1</b>								
	CHLORIDE TEST							<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out		
	CHLORIDE TEST									
<b>PASS</b>	PAINT FILTER TEST	<b>1</b>		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.						

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68577

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-02-21 TIME 1109 Attach test strip hereCUSTOMER LogosSITE Quinnella #2DRIVER Dan HillSAMPLE Soil Straight      With Dirt     CHLORIDE TEST -299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1109 Time completed 1122PASS YES      NO     SAMPLER/ANALYST Gary Robinson





# Bill of Lading

MANIFEST # **68584**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Kelley Oil FieldDATE 06-03-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos Quinella 2	Virgin Soil	-	20				5045	0715	<i>[Signature]</i>
2	" "	" "	-	20				5065	0715	<i>[Signature]</i>
3	" "	" "	-	20				5055	0715	<i>[Signature]</i>
4	" "	" "	-	20				5055	1015	<i>[Signature]</i>
5	" "	" "	-	20				5065	1020	<i>[Signature]</i>
6	" "	" "	-	20				5045	1040	<i>[Signature]</i>
7	" "	" "	-	20				5095	1245	<i>[Signature]</i>
8	" "	" "	-	20				5025	1245	<i>[Signature]</i>
9	" "	" "	-	20				5055	1310	<i>[Signature]</i>
10	" "	" "	-	20				5065	1323	<i>[Signature]</i>

RESULTS		LANDFARM EMPLOYEE <u>Gary Robinson</u> <sup>200</sup>	NOTES
	CHLORIDE TEST		
	CHLORIDE TEST		
	CHLORIDE TEST		
	PAINT FILTER TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68585**GENERATOR LogosPOINT OF ORIGIN Guinella #2TRANSPORTER Kelley Oil FieldDATE 06-02-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFILS	Con't Soil	K22	20	-	-	-	5055	1015	<i>[Signature]</i>
2	"	" "	K22	20	-	-	-	5065	1020	<i>[Signature]</i>
3	"	" "	K22	20	-	-	-	5045	1040	<i>[Signature]</i>
4	"	" "	K22	20	-	-	-	5055	1310	<i>[Signature]</i>
5	"	" "	K22	20	-	-	-	5065	1323	<i>[Signature]</i>
6	"	" "	K21	20	-	-	-	5045	1335	<i>[Signature]</i>
7	"	" "	K21	20	-	-	-	5095	1520	<i>[Signature]</i>
8	"	" "	K21	20	-	-	-	5025	1526	<i>[Signature]</i>
9	"	" "	K21	20	-	-	-	5055	1612	<i>[Signature]</i>
10	"	" "	K21	20	-	-	-	5045	1630	<i>[Signature]</i>

RESULTS			LANDFARM EMPLOYEE <u>Gary Robinson</u> <sup>200</sup> <i>Grue</i>	NOTES
<u>4297</u>	CHLORIDE TEST	<u>3</u>		
	CHLORIDE TEST			
	CHLORIDE TEST			
<u>pass</u>	PAINT FILTER TEST	<u>3</u>	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68585

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.03.21TIME 1015

Attach test strip here

CUSTOMER LogosSITE Quinella #2DRIVER PortellaSAMPLE Soil Straight      With Dirt     CHLORIDE TEST -299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1015 Time completed 1027PASS YES      NO     SAMPLER/ANALYST Gary Robinson



BOL# 68585

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.03.21 TIME 1323 Attach test strip hereCUSTOMER PogorSITE Quinnella #2DRIVER Shane BetselieSAMPLE Soil Straight ✓ With Dirt       CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO       PAINT FILTER TEST Time started 1323 Time completed       PASS YES ✓ NO       SAMPLER/ANALYST Gay Robinson

BOL# 68585

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-03-21TIME 1630

Attach test strip here

CUSTOMER

Logos

SITE

Quinella #2

DRIVER

Teshina Jim

SAMPLE

SoilStraight   With Dirt   

CHLORIDE TEST

-299

mg/Kg

ACCEPTED

YES   NO   

PAINT FILTER TEST

Time started

1630

Time completed

1640

PASS

YES   NO   

SAMPLER/ANALYST

Cary Polans

5796 US Hwy 64, Farmington, NM 87401 || Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 || info@envirotech-inc.com envirotech-inc.com



## Bill of Lading

MANIFEST # 68592

GENERATOR Envirotech

POINT OF ORIGIN 192nd Farm

TRANSPORTER Kelly oil field

DATE 06-03-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos Quinella	Virgin Soil	—	20	—	—	—	5095	1335	[Signature]
2	2 "	" "	—	20	—	—	—	5095	1520	[Signature]
3	" "	" "	—	20	—	—	—	5025	1526	[Signature]
				60						
RESULTS		LANDFARM EMPLOYEE  [Signature: Gary Robinson]	NOTES							
	CHLORIDE TEST									
	CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out							
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.							
	PAINT FILTER TEST									

Generator Onsite Contact	Phone
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## Bill of Lading

GENERATOR Logos

POINT OF ORIGIN Guinea 2

TRANSPORTER Kelley oil Field

DATE 06-03-21 JOB # 12035-0155

[illegible]LANDFARM  
EMPLOYEE

L299	CHLORIDE TEST	1
------	---------------	---

	CHLORIDE TEST	
--	---------------	--

	CHLORIDE TEST	
--	---------------	--

DASS	PAINT FILTER TEST	1
------	-------------------	---

☐ Soil w/ Debris ☐ After Hours/Weekend Reveal ☐ Scrape Out ☐ Wash Out

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

NOTES

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68596

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-03-21TIME 1632

Attach test strip here

CUSTOMER 10905SITE Quinnella 2DRIVER Steve BrownSAMPLE Soil Straight X With Dirt \_\_\_\_\_CHLORIDE TEST 299 mg/KgACCEPTED YES ✓

NO \_\_\_\_\_

PAINT FILTER TEST Time started 1632Time completed 1642PASS YES ✓

NO \_\_\_\_\_

SAMPLER/ANALYST Cary Robinson



# Bill of Lading

MANIFEST # **68600**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Kelley Oil FieldDATE 06-04-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos Quinella	Virgin Soil	-	20	-	-	-	5053	0700	<i>[Signature]</i>
2	#2	" "	-	20	-	-	-	5065	0700	<i>[Signature]</i>
3	" "	" "	-	20	-	-	-	5045	0700	<i>[Signature]</i>
4	" "	" "	-	20	-	-	-	5053	0932	<i>[Signature]</i>
5	" "	" "	-	20	-	-	-	5065	0945	<i>[Signature]</i>
6	" "	" "	-	20	-	-	-	5045	1109	<i>[Signature]</i>
7	" "	" "	-	20	-	-	-	5053	1222	<i>[Signature]</i>
8	" "	" "	-	20	-	-	-	5065	1255	<i>[Signature]</i>
9	" "	" "	-	20	-	-	-	5045	1400	<i>[Signature]</i>
				<b>180</b>						

RESULTS		LANDFARM EMPLOYEE <i>Gay Robinson</i> <b>GWR</b>	NOTES By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.
	CHLORIDE TEST		
	CHLORIDE TEST		
	CHLORIDE TEST		
	PAINT FILTER TEST		

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68601**GENERATOR LogosPOINT OF ORIGIN Quinella 2TRANSPORTER Kelley Oil FieldDATE 06-04-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII.5	Cont Soil	K23	20	-	-	-	5055	0932	<i>[Signature]</i>
2	LFII.5	" "	K23	20	-	-	-	5065	0945	<i>[Signature]</i>
3	LFII.5	" "	K23	20	-	-	-	5045	950	<i>[Signature]</i>
4	LFII.5	" "	K23	20	-	-	-	5055	1222	<i>[Signature]</i>
5	LFII.5	" "	K22	20	-	-	-	5065	1255	<i>[Signature]</i>
6	LFII.5	" "	K22	20	-	-	-	5045	1355	<i>[Signature]</i>
7	LFII.5	" "	K22	20	-	-	-	5055	1510	<i>[Signature]</i>
8	"	"	K-22	20	-	-	-	5065	1550	<i>[Signature]</i>
9	<del>void this line</del>						<del>5045</del>	<del>1555</del>	<del>1555</del>	<del>[Signature]</del>
				<b>160</b>						

RESULTS			LANDFARM EMPLOYEE <u>Gary Robinson</u> <i>Gwe</i>	NOTES
<b>2291</b>	CHLORIDE TEST	<b>2</b>		
	CHLORIDE TEST			
	CHLORIDE TEST			
<b>pass</b>	PAINT FILTER TEST	<b>2</b>	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68601

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.04.21 TIME 0939 Attach test strip hereCUSTOMER LogosSITE Quine/19 #2DRIVER D. McHillSAMPLE Soil Straight ✓ With Dirt       CHLORIDE TEST 299 mg/KgACCEPTED YES ✓ NO       PAINT FILTER TEST Time started 0932 Time completed 0940PASS YES        NO       SAMPLER/ANALYST Camp Robinson



BOL# 68601

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.04.21TIME 1255

Attach test strip here

CUSTOMER Logos

SITE

Quinella 2

DRIVER

Shane Betser

SAMPLE

SoilStraight ✓With Dirt    

CHLORIDE TEST

299 mg/Kg

ACCEPTED

YES ✓NO    

PAINT FILTER TEST

Time started

1255

Time completed

1306

PASS

YES ✓NO    

SAMPLER/ANALYST

Gary Robinson



# Bill of Lading

MANIFEST # **68612**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER KelleyDATE 06-02-21 JOB # ~~170~~ 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LOGOS	Virgin soil	-	20	-	-	-	5045	0705	Teshine J.
2	Quinella	" "	-	20	-	-	-	5055	0722	<del>Testine J.</del>
3	"	"	-	20	-	-	-	5025	0724	<del>Testine J.</del>
4	"	"	-	20	-	-	-	5115	0727	<del>Testine J.</del>
5	"	"	-	20	-	-	-	5045	1020	Teshine J.
6	"	"	-	20	-	-	-	5055	1035	<del>Testine J.</del>
7	"	"	-	20	-	-	-	5025	1050	<del>Testine J.</del>
8	"	"	-	20	-	-	-	5115	1111	<del>Testine J.</del>
9	"	"	-	20	-	-	-	5045	1301	Teshine J.
10	"	"	-	20	-	-	-	5055	1330	<del>Testine J.</del>

RESULTS	LANDFARM EMPLOYEE	NOTES
CHLORIDE TEST	<u>Gary Robinson</u>	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receipt <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.
CHLORIDE TEST		
CHLORIDE TEST		
PAINT FILTER TEST		

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68613**GENERATOR **Logos**POINT OF ORIGIN **Quinella 2**TRANSPORTER **06-07 Kelley Oil**DATE **06-07-21** JOB # **12035-0155 Field**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF#5	Con't Soil	K23	20	—	—	—	5045	1020	Teshina J.
2	"	" "	K23	20	—	—	—	5055	1035	<i>[Signature]</i>
3	"	" "	K22	20	—	—	—	5025	1050	<i>[Signature]</i>
4	"	" "	K22	20	—	—	—	5115	1111	<i>[Signature]</i>
5	"	" "	K21	20	—	—	—	5045	1307	Teshina J.
6	"	" "	K21	20	—	—	—	5055	1330	<i>[Signature]</i>
7	"	" "	K21	20	—	—	—	5025	1344	<i>[Signature]</i>
8	"	" "	K21	20	—	—	—	5015	1355	<i>[Signature]</i>
9	"	" "	K20	20	—	—	—	5045	1600	Teshina J.
10	"	" "	K20	20	—	—	—	5055	1615	<i>[Signature]</i>

RESULTS		LANDFARM EMPLOYEE <i>Gary Robinson</i> <b>260</b> <b>GWSL</b>	NOTES
<b>L299</b>	CHLORIDE TEST <b>3</b>		
	CHLORIDE TEST		
	CHLORIDE TEST		
<b>pass</b>	PAINT FILTER TEST <b>3</b>	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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BOL# 68613

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.07.21 TIME 1020

Attach test strip here

CUSTOMER LogosSITE QuinnellaDRIVER Teshina JimSAMPLE Soil Straight ✓ With Dirt       CHLORIDE TEST 299 mg/KgACCEPTED YES ✓ NO       PAINT FILTER TEST Time started 1020 Time completed 1031PASS YES        NO       SAMPLER/ANALYST Avery Robinson

BOL# 08613

(2)

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-07-21 TIME 1307 Attach test strip hereCUSTOMER LogosSITE Quinella 2DRIVER Teshina JimSAMPLE Soil Straight X With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 1307 Time completed 1320PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST Gary Robinson

BOL# 68613

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-07-20 TIME 1615 Attach test strip hereCUSTOMER LogosSITE Quinella 2DRIVER Dan HellerSAMPLE Soil Straight X With Dirt       CHLORIDE TEST 299 mg/KgACCEPTED YES        NO       PAINT FILTER TEST Time started 1615 Time completed 1624PASS YES        NO       SAMPLER/ANALYST Gary Robinson





## Bill of Lading

MANIFEST # 68623

GENERATOR Envirotech

POINT OF ORIGIN 10nd Farm,

TRANSPORTER *Kelley A. Field*

DATE 06-07-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact	Phone
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**envirotech**

## Bill of Lading

MANIFEST # 68626

GENERATOR Logos

POINT OF ORIGIN Quinella, #2

TRANSPORTER Kelley O'Field

DATE 06.07.21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68626

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.07.21TIME 1647

Attach test strip here

CUSTOMER logosSITE Quinella # 2DRIVER AKG

SAMPLE

SoilStraight ☒With Dirt ☐

CHLORIDE TEST

299

mg/Kg

ACCEPTED

YES ☒NO ☐

PAINT FILTER TEST

Time started

1647

Time completed

1658

PASS

YES ☒NO ☐

SAMPLER/ANALYST

Gary Robinson



# Bill of Lading

MANIFEST # **68628**

GENERATOR

POINT OF ORIGIN

TRANSPORTER

DATE **06-08-21**JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos	Virgin Soil	—	20	—	—	—	5045	701	Jif
2	Quinella #2	" "	—	20	—	—	—	5055	701	DA
3	" "	" "	—	20	—	—	—	5025	715	Jif
4	" "	" "	—	20	—	—	—	5045	1007	Jif
5	" "	" "	—	20	—	—	—	5055	1023	DA
6	" "	" "	—	20	—	—	—	5025	1045	Jif
7	" "	" "	—	20	—	—	—	5055	13:10	DA
8	" "	" "	—	20	—	—	—	5045	13:55	Jif
9	" "	" "	—	20	—	—	—	5025	1408	Jif
				<b>180</b>						

RESULTS		LANDFARM EMPLOYEE <b>Gary Robinson</b>	NOTES
CHLORIDE TEST			
CHLORIDE TEST			
CHLORIDE TEST			
PAINT FILTER TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68633**GENERATOR **Logos**POINT OF ORIGIN **Quinella #2**TRANSPORTER **Kelley Oil Field**DATE **06-08-21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII.5	Cont Soil	L25	20	-	-	-	5045	1007	<i>[Signature]</i>
2	"	"	D25	20	-	-	-	5055	1023	<i>[Signature]</i>
3	"	"	C25	20	-	-	-	5025	1045	<i>[Signature]</i>
4	"	"	D25	20	-	-	-	5055	13:10	<i>[Signature]</i>
5	"	"	D25	20	-	-	-	5045	1355	<i>[Signature]</i>
6	"	"	D25	20	-	-	-	5025	1408	<i>[Signature]</i>
7	"	"	E25	20	-	-	-	5055	1605	<i>[Signature]</i>
8	"	"	E-25	20	-	-	-	5045	1647	<i>[Signature]</i>
9	"	"	E-25	20	-	-	-	5025	17:00	<i>[Signature]</i>
				<b>180</b>						

RESULTS		LANDFARM EMPLOYEE <i>Gary Robinson</i>	NOTES
<b>&lt;299</b>	CHLORIDE TEST <b>2</b>		
	CHLORIDE TEST		
	CHLORIDE TEST		
<b>PASS</b>	PAINT FILTER TEST <b>2</b>	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68633

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.08.21 TIME 1007Attach to strip hereCUSTOMER 10905SITE Quinella #2DRIVER Testina JimSAMPLE Soil Straight ✓ With Dirt       CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO       PAINT FILTER TEST Time started 1007 Time completed 1020PASS YES        NO       SAMPLER/ANALYST Gary Robinson



BOL# 68633

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-08-21 TIME 1355 Attach test strip hereCUSTOMER LogosSITE Quinella #2DRIVER Teshina JimSAMPLE Soil Straight      With Dirt     CHLORIDE TEST ~299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1355 Time completed 1404PASS YES      NO     SAMPLER/ANALYST Cary Robinson



# Bill of Lading

MANIFEST # **68646**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Kelley at FieldDATE 06-09-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LO905 Quinella	Virgin Soil	—	20	—	—	—	506S	0707	Jhu R
2	#2	" "	—	20	—	—	—	505S	0712	DA
3	" "	" "	—	20	—	—	—	502	712	DA
4	" "	" "	—	20	—	—	—	505S	945	DA
5	" "	" "	—	20	—	—	—	502S	1006	DA
6	" "	" "	—	20	—	—	—	506S	1032	Jhu R
7	" "	" "	—	20	—	—	—	513S	1053	DA
8	" "	" "	—	20	—	—	—	508S	1053	DA
9	" "	" "	—	20	—	—	—	505S	1225	DA
10	" "	" "	—	20	—	—	—	502S	1240	DA

RESULTS		LANDFARM EMPLOYEE <b>Gary Robinson</b> <sup>2003</sup>	NOTES
CHLORIDE TEST			
CHLORIDE TEST			
CHLORIDE TEST			
PAINT FILTER TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68652**  
 GENERATOR **Logos**  
 POINT OF ORIGIN **Quinella #2**  
 TRANSPORTER **Kelley or Field**  
 DATE **06-09-21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF II.5	Con't Soil	D25	20	-	-	-	5055	945	<i>[Signature]</i>
2	"	"	D25	20	-	-	-	5025	1006	<i>[Signature]</i>
3	"	"	D25	20	-	-	-	5065	1032	<i>[Signature]</i>
4	"	"	D25	20	-	-	-	5055	1225	<i>[Signature]</i>
5	"	"	D25	20	-	-	-	5025	1240	<i>[Signature]</i>
6	"	"	E25	20	-	-	-	5065	1323	<i>[Signature]</i>
7	"	"	E25	20	-	-	-	5135	1335	<i>[Signature]</i>
8	"	"	F25	20	-	-	-	5085	1350	<i>[Signature]</i>
9	"	"	F25	20	-	-	-	5055	1320	<i>[Signature]</i>
10	"	"	F-25	20	-	-	-	5025	15:55	<i>[Signature]</i>

RESULTS		LANDFARM EMPLOYEE <b>Cory Robinson</b> <sup>200</sup> <sub>632-0615</sub>	NOTES
<b>2299</b>	CHLORIDE TEST <b>3</b>		
	CHLORIDE TEST		
	CHLORIDE TEST		
<b>PASS</b>	PAINT FILTER TEST <b>3</b>	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68652

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-09-21 TIME 0945 Attach test strip hereCUSTOMER LogosSITE Quinella #2DRIVER Sam HelleSAMPLE Soil Straight ☒ With Dirt ☐CHLORIDE TEST -299 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 0945 Time completed 0957PASS YES ☒ NO ☐SAMPLER/ANALYST Cathy Robinson

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BOL# 68652

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.09.21 TIME 1240 Attach test strip hereCUSTOMER LogosSITE Quipella #2DRIVER AgSAMPLE Soil Straight      With Dirt     CHLORIDE TEST 299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1240 Time completed 1250PASS YES      NO     SAMPLER/ANALYST Gary Robinson

BOL# 68652

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-09-21 TIME 15:55 Attach test strip hereCUSTOMER LogosSITE Quinella #2DRIVER SASAMPLE Soil Straight ✓ With Dirt       CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO       PAINT FILTER TEST Time started 15:55 Time completed 16:00PASS YES ✓ NO       SAMPLER/ANALYST Gary Robinson

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## Bill of Lading

MANIFEST # 68655

MANIFEST # 00033  
GENERATOR Envirotech

POINT OF ORIGIN Land Farm

TRANSPORTER Kelly Oil Field

DATE 06.09.21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact	Phone
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## Bill of Lading

MANIFEST # 68656

GENERATOR Logos

POINT OF ORIGIN Quincy #2

TRANSPORTER Kelley oil field

DATE 6-9-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY				
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	LFII-5	CONT SOIL	F-25	20	—	—	—	5065	16:05	[Signature]	
2	"	"	F-25	20	—	—	—	5135	16:24	[Signature]	
3	"	"	F-25	20	—	—	—	5085	14:38	[Signature]	
				60							
RESULTS		LANDFARM EMPLOYEE [Signature]	NOTES								
L299	CHLORIDE TEST										1
	CHLORIDE TEST			<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receipt <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out							
	CHLORIDE TEST										
PASS	PAINT FILTER TEST	1	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								

Generator Onsite Contact	Phone
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BOL# 68656

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-9-21TIME 16:05

Attach test strip here

CUSTOMER LogosSITE Quivella #2DRIVER [Signature]SAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 16:05 Time completed 16:10PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]



# Bill of Lading

MANIFEST # **68659**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER KelleyDATE 06-10-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos Quinella	Virgin Soil	—	20	—	—	—	5055	0705	<i>[Signature]</i>
2	#2	" "	—	20	—	—	—	506S	0709	<i>[Signature]</i>
3	VOID	Thi Sul	1A	E	—	—	—	<del>5045</del>	<del>0727</del>	<i>[Signature]</i>
4	Logos Quinella 2	" "	—	20	—	—	—	5055	1000	<i>[Signature]</i>
5	" "	" "	—	20	—	—	—	5045	11.35	<i>[Signature]</i>
6	" "	" "	—	20	—	—	—	506S	1145	<i>[Signature]</i>
7	" "	" "	—	20	—	—	—	5055	1320	<i>[Signature]</i>
8	" "	" "	—	20	—	—	—	5045	1422	<i>[Signature]</i>
9	" "	" "	—	20	—	—	—	506S	1435	<i>[Signature]</i>
				<u>160</u>						
RESULTS		LANDFARM EMPLOYEE		<i>Gary Robinson</i>				NOTES		
CHLORIDE TEST								Void Line 3.		
CHLORIDE TEST				<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out						
CHLORIDE TEST				By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.						
PAINT FILTER TEST										

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68666**GENERATOR **Logos**POINT OF ORIGIN **Quinella #2**TRANSPORTER **Kelley or Field**DATE **06.10.21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII-5	Cont Soil	E25	20	-	-	-	5055	1000	<i>[Signature]</i>
2	"	"	E-25	20	-	-	-	5065	1145	<i>[Signature]</i>
3	"	"	E25	20	-	-	-	5055	1320	<i>[Signature]</i>
4	"	"	E25	20	-	-	-	5045	1422	<i>[Signature]</i>
5	"	"	E25	20	-	-	-	506 <sup>s</sup>	1435	<i>[Signature]</i>
6	"	"	E-25	20	-	-	-	505 <sup>s</sup>	15:50	<i>[Signature]</i>
7	"	"	E-25	20	-	-	-	504 <sup>s</sup>	17:45	<i>[Signature]</i>
8	"	"	E-25	20	-	-	-	506 <sup>s</sup>	18:05	<i>[Signature]</i>
				<b>160</b>						

RESULTS		LANDFARM EMPLOYEE <b>Gary Robinson</b>	NOTES <b>LATE TRUCKS 10:00<sup>s</sup> 7 &amp; 8</b>
<b>299</b>	CHLORIDE TEST <b>2</b>		
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out	
	CHLORIDE TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	
<b>PASS</b>	PAINT FILTER TEST <b>2</b>		

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68666

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.10.21 TIME 1000 Attach test strip hereCUSTOMER LogosSITE Quinnella #2DRIVER Don HollisSAMPLE Soil Straight      With Dirt     CHLORIDE TEST -299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1000 Time completed 1010PASS YES      NO     SAMPLER/ANALYST Camp Rubison



BOL# 68666

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-10-21 TIME 1435 Attach test strip hereCUSTOMER Logos.SITE Quinella #2DRIVER [Signature]SAMPLE Soil Straight        With Dirt       CHLORIDE TEST -299 mg/KgACCEPTED YES        NO       PAINT FILTER TEST Time started 1435 Time completed 1444PASS YES        NO       SAMPLER/ANALYST Gary Robinson

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# Bill of Lading

MANIFEST # **68673**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Kelley oil FieldDATE 06-11-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos Quinella	Virgin Soil	-	20	-	-	-	5055	0855	[Signature]
2	#2 "	" "	-	20	-	-	-	5065	0806	[Signature]
3	" "	" "	-	20	-	-	-	Dto2	0810	[Signature]
4	" "	" "	-	20	-	-	-	5045	813	[Signature]
5	" "	" "	-	20	-	-	-	5055	1035	[Signature]
6	" "	" "	-	20	-	-	-	5065	1055	[Signature]
7	" "	" "	-	20	-	-	-	Dto2	1125	[Signature]
8	" "	" "	-	20	-	-	-	5045	1154	[Signature]
9	" "	" "	-	20	-	-	-	Dto2 <del>5055</del>	1410	[Signature]
10	" "	" "	-	20	-	-	-	5045	1455	[Signature]

RESULTS		LANDFARM EMPLOYEE <u>Gary Robinson</u> <input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out	NOTES By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	PAINT FILTER TEST		

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68675**GENERATOR **Logos**POINT OF ORIGIN **Guinella #2**TRANSPORTER **Kelley on Field**DATE **06-11-21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF #5	Con't soil	D25	20	-	-	-	5055	1035	<i>[Signature]</i>
2	"	" "	D25	20	-	-	-	5065	1055	<i>[Signature]</i>
3	"	" "	D25	20	-	-	-	Dt02	1125	<i>[Signature]</i>
4	"	" "	D25	20	-	-	-	5045	1154	<i>[Signature]</i>
5	"	" "	D25	20	-	-	-	5055	1315	<i>[Signature]</i>
6	"	" "	E25	20	-	-	-	Dt02	1410	<i>[Signature]</i>
7	"	" "	E25	20	-	-	-	5065	1425	<i>[Signature]</i>
8	"	" "	E25	20	-	-	-	5045	1455	<i>[Signature]</i>
9	"	" "	E25	20	-	-	-	Dt02	1645	<i>[Signature]</i>
10	"	" "	E25	20	-	-	-	5045	1740	<i>[Signature]</i>

RESULTS			LANDFARM EMPLOYEE <i>Cary Robinson</i>	NOTES 200 <i>Gu</i>
4299	CHLORIDE TEST	3		
	CHLORIDE TEST			
	CHLORIDE TEST			
pass	PAINT FILTER TEST	3	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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(1)

BOL# 68675

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-11-21 TIME 1035 Attach test strip hereCUSTOMER LogosSITE Quinnella #2DRIVER Paul KellySAMPLE Soil Straight            With Dirt           CHLORIDE TEST -299 mg/KgACCEPTED YES            NO           PAINT FILTER TEST Time started 1035 Time completed 1045PASS YES            NO           SAMPLER/ANALYST Craig Robinson



BOL# 68675

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.11.21 TIME 1315

Attach test strip here

CUSTOMER LogosSITE Quinella #2DRIVER Dan HildebrandSAMPLE Soil Straight      With Dirt     CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO     PAINT FILTER TEST Time started 1315 Time completed 1325PASS YES      NO     SAMPLER/ANALYST Cary Roden

BOL# 68675

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-11-21TIME 1740

Attach test strip here

CUSTOMER LogosSITE Quinella #2DRIVER Teshina JimSAMPLE Soil Straight / With Dirt /CHLORIDE TEST 299 mg/KgACCEPTED YES / NO /PAINT FILTER TEST Time started 1740 Time completed 1750PASS YES / NO /SAMPLER/ANALYST Cory Holmso





# Bill of Lading

MANIFEST # **68686**GENERATOR envirotechPOINT OF ORIGIN Land FarmTRANSPORTER RollwayDATE 06-14-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos	Virgin Soil	—	20	—	—	—	504s	7:05	XJ
2	Quinella	" "	—	20	—	—	—	505S	7:42	Steve
3	"	" "	—	20	—	—	—	504s	10:00	XJ
4	"	" "	—	20	—	—	—	510s	10:00	XJ
5	"	" "	—	20	—	—	—	505S	1:015	XJ
6	"	" "	—	20	—	—	—	505S	1245	XJ
7	"	" "	—	20	—	—	—	510s	1:308	XJ
8	"	" "	—	20	—	—	—	504S	1325	XJ
				160						
RESULTS		LANDFARM EMPLOYEE		NOTES						
CHLORIDE TEST		GARY ROBINSON								
CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out								
CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								
PAINT FILTER TEST										

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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## Bill of Lading

MANIFEST # 68689

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GENERATOR Logos

POINT OF ORIGIN Quinella #2

TRANSPORTER Kelley Oil Field

DATE 06-14-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFH 5	Cont Soil	F25	20	-	-	-	5045	10:00	[Signature]
2	"	" "	F25	20	-	-	-	5055	10:15	[Signature]
3	"	" "	F25	20	-	-	-	5055	12:45	[Signature]
4	"	" "	F25	20	-	-	-	5105	13:05	[Signature]
5	"	" "	G25	20	-	-	-	5045	13:25	[Signature]
6	"	" "	G25	20	-	-	-	5055	15:15	[Signature]
7	"	" "	G25	20	-	-	-	5045	16:15	[Signature]
8	"	" "	G25	20	-	-	-	5105	16:55	[Signature]
9	<del>u u u</del>			160						
RESULTS		LANDFARM EMPLOYEE		NOTES						
299	CHLORIDE TEST	2	[Signature] Gue							
	CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out							
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.							
pass	PAINT FILTER TEST	2								

Generator Onsite Contact

Phone

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BOL# 68689

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-14-21 TIME 1000

Attach test strip here

CUSTOMER LogosSITE Quinella #2DRIVER Leskine JimSAMPLE Soil Straight      With Dirt     CHLORIDE TEST -299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1000 Time completed 1010PASS YES      NO     SAMPLER/ANALYST Cary Robinson

BOL# 68689

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-14-21 TIME 1325 Attach test strip hereCUSTOMER LogosSITE Quinella #2DRIVER Teshina JimSAMPLE Soil Straight / With Dirt /CHLORIDE TEST 290 mg/KgACCEPTED YES / NO /PAINT FILTER TEST Time started 1325 Time completed 1335PASS YES / NO /SAMPLER/ANALYST Lucy Palomares





# Bill of Lading

MANIFEST # **68701**GENERATOR **Envirotech**POINT OF ORIGIN **Land Farm**TRANSPORTER **Kelley Oil Field**DATE **06-15-21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos	Virgin Soil	—	20	—	—	—	504s	0714	XJ
2	Quinella #2	" "	—	20	—	—	—	504s	1002	XJ
3	" "	" "	—	20	—	—	—	506S	1050	John R
4	" "	" "	—	20	—	—	—	510S	1335	Monae Pater
5	" "	" "	—	20	—	—	—	504s	1321	XJ
6	" "	" "	—	20	—	—	—	D702	1321	John R
7	" "	" "	—	20	—	—	—	506.	1336	John R
				<b>140</b>						

RESULTS		LANDFARM EMPLOYEE <b>Gary Robinson</b> <input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out	NOTES By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	CHLORIDE TEST		
<input checked="" type="checkbox"/>	PAINT FILTER TEST		

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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## Bill of Lading

MANIFEST # 68707

GENERATOR Logos

POINT OF ORIGIN Quinella #2

TRANSPORTER Kelley oil Field

DATE 06-15-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII.5	Cont Soil	F25	20	—	—	—	5045	1005	K.J.
2	"	"	F25	20	—	—	—	5045	1321	K.J.
3	"	"	F25	20	—	—	—	5065	1336	Monroe
4	"	"	F25	20	—	—	—	5045	1633	K.J.
5	"	"	F25	20	—	—	—	5045	1650	Monroe
6	"	"	F25	20	—	—	—	5045	1650	Monroe
7	"	"	G-25	20	—	—	—	5065	1730	Monroe
				140						
RESULTS										
L299 CHLORIDE TEST 2		LANDFARM EMPLOYEE Gary Robinson GWC		NOTES						
CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out								
CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								
PASS PAINT FILTER TEST 2										

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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(1)

BOL# 68707

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.15.21 TIME 1005 Attach test strCUSTOMER LogosSITE Quinella #2DRIVER Teshina JimSAMPLE Soil Straight — With Dirt —CHLORIDE TEST 299 mg/KgACCEPTED YES — NO —PAINT FILTER TEST Time started 1005 Time completed 1014PASS YES — NO —SAMPLER/ANALYST Cory Robinson

(2)

BOL# 68707

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-15-21TIME 1650

Attach test strip here

CUSTOMER LogosSITE Quinella #2DRIVER [Signature]SAMPLE Soil Straight ✓ With Dirt       CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO       PAINT FILTER TEST Time started 1650 Time completed 1659PASS YES ✓ NO       SAMPLER/ANALYST [Signature]





# Bill of Lading

MANIFEST # **68722**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Kelley Oil FieldDATE 06.16.21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY				
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	logos Quinella #2	Virgin Soil	-	20	-	-	-	5115	0722	EB	
2	" "	" "	-	20	-	-	-	5045	719	HLJ	
3	" "	" "	-	20	-	-	-	5065 <del>5115</del>	0800	HLJ	
4	" "	" "	-	20	-	-	-	5115	1035	EB	
5	" "	" "	-	20	-	-	-	5045	1050	HLJ	
6	" "	" "	-	20	-	-	-	5065	1105	HLJ	
7	" "	" "	-	20	-	-	-	5045	1350	HLJ	
8	" "	" "	-	20	-	-	-	5065	1425	HLJ	
				<u>160</u>							
RESULTS		LANDFARM EMPLOYEE		NOTES							
CHLORIDE TEST		Garry Robinson		GWR							
CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out									
CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.									
PAINT FILTER TEST											

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68725**GENERATOR **Logos**POINT OF ORIGIN **Quinella #2**TRANSPORTER **Kelley or Field**DATE **06-16-21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	2FHS	cont soil	G25	20	—	—	—	5115	1035	GEB
2	"	" "	G25	20	—	—	—	5045	1050	JEJ
3	"	" "	G25	20	—	—	—	5065	1105	Shu Rn
4	"	" "	G25	20	—	—	—	5115	1350	JEJ
5	"	" "	G25	20	—	—	—	5065	1425	Shu Rn
6	"	" "	G25	20	—	—	—	5105	1510	Monroe Plater
7	"	" "	G25	20	—	—	—	5115	1532	GEB
8	"	" "	G25	20	—	—	—	5045	1707	JEJ
9	"	" "	G25	20	—	—	—	5065	1730	Shu Rn
				<b>180</b>						

RESULTS		LANDFARM EMPLOYEE	<b>Gary Robinson</b> <i>Gwr</i>	NOTES
<b>C299</b>	CHLORIDE TEST <b>2</b>			
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receipt <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out		
	CHLORIDE TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.		
<b>PASS</b>	PAINT FILTER TEST <b>2</b>			

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68725

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.16.21TIME 1035

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CUSTOMER

Logos

SITE

Quinella #2

DRIVER

Eric Betune

SAMPLE

SoilStraight ✓With Dirt       

CHLORIDE TEST

-299 mg/Kg

ACCEPTED

YES ✓NO       

PAINT FILTER TEST

Time started

1035

Time completed

1045

PASS

YES ✓NO       

SAMPLER/ANALYST

Gary Robinson

BOL# 68725

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.16.21TIME 1425

Attach test strip here

CUSTOMER LogosSITE Quinnilla #2DRIVER Sam BakerSAMPLE Soil ☒ Straight ☐ With Dirt ☐CHLORIDE TEST -299 mg/KgACCEPTED YES ☒ NO ☐PAINT FILTER TEST Time started 1425 Time completed 1434PASS YES ☒ NO ☐SAMPLER/ANALYST Gary Robinson

5796 US Hwy 64, Farmington, NM 87401 || Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 || info@envirotech-inc.com envirotech-inc.com





**envirotech**

## Bill of Lading

MANIFEST # 68734

GENERATOR Envirotech

POINT OF ORIGIN 14nd Farm

TRANSPORTER Kelly

DATE 06-18-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact _____	Phone _____
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## Bill of Lading

MANIFEST # 68739

GENERATOR Logo 5

POINT OF ORIGIN Guinella II 2

TRANSPORTER Kelley Oil Field

DATE 6-17-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII-5	CONT SOIL	J-25	20	-	-	-	5115	0940	EB
2	"	"	J-25	20	-	-	-	5045	10:05	KJ
3	"	"	J-25	20	-	-	-	5065	10:25	Shu Br
4	"	"	J-25	20	-	-	-	5105	10:30	EB
5	"	"	K-25	20	-	-	-	5115	12:30	EB
6	"	"	K-25	20	-	-	-	5045	13:00	KJ
7	"	"	K-25	20	-	-	-	5065	1320	Shu Br
8	"	"	K-25	20	-	-	-	5105	1325	EB
9	"	"	L-25	20	-	-	-	5095	15:15	Monroe Pleters
10	"	"	L-25	20	-	-	-	5115	15:30	EB

RESULTS		LANDFARM EMPLOYEE 	NOTES 200 Gw-
299	CHLORIDE TEST 3		
	CHLORIDE TEST		
	CHLORIDE TEST		
pass	PAINT FILTER TEST 3	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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BOL# 68739

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-17-21 TIME 9:40

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CUSTOMER LOGOISSITE QUINELLA II 2DRIVER [Signature]SAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 9:40 Time completed 9:45PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]

BOL# 68239

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-17-21 TIME 12:30 Attach test strip here

CUSTOMER LOGO'S

SITE QUINELLA II 2

DRIVER [Signature]

SAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_

CHLORIDE TEST -299 mg/Kg

ACCEPTED YES ✓ NO \_\_\_\_\_

PAINT FILTER TEST Time started 12:30 Time completed 12:40

PASS YES ✓ NO \_\_\_\_\_

SAMPLER/ANALYST [Signature]





BOL# 68739

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-17-21TIME 15:30

Attach test strip here

CUSTOMER Logo'sSITE Quivella II 2DRIVER [Signature]SAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 15:30 Time completed 15:40PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]



# Bill of Lading

MANIFEST # **68740**GENERATOR EnviroTechPOINT OF ORIGIN LANDFARMTRANSPORTER Kelley Oil FieldDATE 6-17-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LOSOS QUINCELA II 2	VIRGIN SOIL	—	20	—	—	—	5115	7:15	
2	"	"	—	20	—	—	—	5045	7:15	
3	"	"	—	20	—	—	—	506	7:20	
4	"	"	—	20	—	—	—	5105	7:20	
5	"	"	—	20	—	—	—	5115	0940	
6	"	"	—	20	—	—	—	5045	10:05	
7	"	"	—	20	—	—	—	5065	10:25	
8	"	"	—	20	—	—	—	5105	10:30	
9	"	"	—	20	—	—	—	5115	12:30	
10	"	"	—	20	—	—	—	5045	13:00	

RESULTS	LANDFARM EMPLOYEE	NOTES
CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.
CHLORIDE TEST		
CHLORIDE TEST		
PAINT FILTER TEST		

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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## Bill of Lading

DATE 6-17-21 JOB # 12035-0155

RESULTS		LANDFARM EMPLOYEE		NOTES
	CHLORIDE TEST			
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receiveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out		
	CHLORIDE TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.		
	PAINT FILTER TEST			

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# Bill of Lading

MANIFEST # **68745**GENERATOR LogosPOINT OF ORIGIN QUINELA #2TRANSPORTER Kelley Oil FieldDATE 6-17-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFI-5	cont Soil	L-25	20	-	-	-	504S	16:05	<i>[Signature]</i>
<del>2</del>	<del>u</del>	<del>u</del>	<del>u</del>	<del>20</del>	<del>-</del>	<del>-</del>	<del>-</del>			<del><i>[Signature]</i></del>
2	LFI-5	cont Soil	L-25	20	-	-	-	506S	16:25	<i>[Signature]</i>
3	u	u	u	20	-	-	-	510S	16:30	<i>[Signature]</i>
				<u>40</u>						
RESULTS		LANDFARM EMPLOYEE		NOTES						
<u>299</u>	CHLORIDE TEST	<u>1</u>	<i>[Signature]</i>		<i>[Signature]</i>					
	CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receival <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out							
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.							
<u>pass</u>	PAINT FILTER TEST	<u>1</u>								

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68745

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-17-21 TIME 16:05

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CUSTOMER Logo'sSITE Quivella #2DRIVER Teshina JimSAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 16:05 Time completed 16:15PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]



# Bill of Lading

MANIFEST # **68748**GENERATOR Logo'sPOINT OF ORIGIN Qu. NEHA II 2TRANSPORTER Kelley Oil FieldDATE 6-18-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF II-S	Cont Soil	M-25	20	-	-	-	511-S	9:55	<u>[Signature]</u>
2	"	"	M-25	20	-	-	-	504-S	10:12	<u>[Signature]</u>
3	"	"	M-25	20	-	-	-	506-S	10:35	<u>[Signature]</u>
4	"	"	M-25	20	-	-	-	509-S	10:42	<u>Monroe Pletzer</u>
5	"	"	M-25	20	-	-	-	510-S	10:49	<u>[Signature]</u>
6	"	"	A-25	20	-	-	-	511-S	12:35	<u>[Signature]</u>
7	"	"	A-25	20	-	-	-	504-S	13:05	<u>[Signature]</u>
8	"	"	A-25	20	-	-	-	506-S	13:20	<u>[Signature]</u>
9	"	"	A-25	20	-	-	-	509-S	13:34	<u>Monroe Pletzer</u>
10	"	"	A-25	20	-	-	-	510-S	13:50	<u>[Signature]</u>

RESULTS		LANDFARM EMPLOYEE <u>[Signature]</u> <b>200</b>	NOTES <u>[Signature]</u>
<u>L299</u>	CHLORIDE TEST <b>3</b>		
	CHLORIDE TEST		
	CHLORIDE TEST		
<u>PASS</u>	PAINT FILTER TEST <b>3</b>	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68748

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-18-21 TIME 9 55 Attach test strip hereCUSTOMER Logo'sSITE Guinea II 2DRIVER [Signature]SAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 955 Time completed 1001PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]

BOL# 68748

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-18-21 TIME 1049

Attach test strip here

CUSTOMER Logo'sSITE QUINENA #2DRIVER Eni YeziniSAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST ~299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 1049 Time completed 1056PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]



8/11/82

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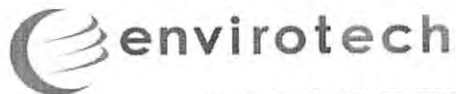
1-1-1982

1-1-1982

2-1-1982

1-1-1982

3

BOL# 68748

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/18/21TIME 1300

Attach test strip here

CUSTOMER LogosSITE Quinella #2DRIVER Eric YazzieSAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 150 Time completed 155PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST Devin Robinson





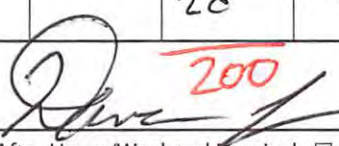
# Bill of Lading

MANIFEST # **68749**GENERATOR Enviro TechPOINT OF ORIGIN LAND FARMTRANSPORTER Kelley Oil FieldDATE 6-18-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LOGOIS Quiver/HAF 2	VIRGIN SOIL	-	20	-	-	-	511 <sup>S</sup>	7:05	EB
2	"	"	-	20	-	-	-	504 <sup>S</sup>	7:05	J.F.
3	"	"	-	20	-	-	-	506 <sup>S</sup>	7:10	Shu Rn
4	"	"	-	20	-	-	-	509 <sup>S</sup>	7:30	Monroe Plater
5	"	"	-	20	-	-	-	510 <sup>S</sup>	7:30	Eric Y.
6	"	"	-	20	-	-	-	511 <sup>S</sup>	9:55	EB
7	"	"	-	20	-	-	-	504 <sup>S</sup>	10:12	J.F.
8	"	"	-	20	-	-	-	506 <sup>S</sup>	10:35	Shu Rn
9	"	"	-	20	-	-	-	509 <sup>S</sup>	10:42	Monroe Plater
10	"	"	-	20	-	-	-	510 <sup>S</sup>	10:49	Eric Y.

RESULTS		LANDFARM EMPLOYEE  200	NOTES
CHLORIDE TEST			
CHLORIDE TEST			
CHLORIDE TEST			
PAINT FILTER TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# envirotech

## Bill of Lading

MANIFEST # **68752**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Keiley Oil FieldDATE 6/18/21JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Lego's Quinella #2	Virgin Soil	—	20	—	—	—	5115	12:35	<i>GE</i>
2	" 4 4	" 4	—	20	—	—	—	5045	13:05	<i>HJ</i>
3	" 4 4	" 4	—	20	—	—	—	5065	13:20	<i>Shu R</i>
4	" 4 4	" 4	—	20	—	—	—	5095	13:34	<i>Morse Plater</i>
5	" 4 4	" 4	—	20	—	—	—	5105	13:50	<i>E</i>
				<u>100</u>						
RESULTS										
CHLORIDE TEST		LANDFARM EMPLOYEE <i>[Signature]</i> <input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receival <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	NOTES							
CHLORIDE TEST										
CHLORIDE TEST										
PAINT FILTER TEST										

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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## Bill of Lading

MANIFEST # 68759

GENERATOR LogosPOINT OF ORIGIN Quinela #2TRANSPORTER Kelley Oil FieldDATE 6/18/21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY				
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	LF #5	Cont. Soil	B-25	20	—	—	—	511.5	1525	<u>EB</u>	
2	"	" "	B-25	20	—	—	—	504.5	1601	<u>H. J.</u>	
3	"	" "	B-25	20	—	—	—	506.5	1620	<u>Shun R.</u>	
4	"	" "	B-25	20	—	—	—	509.5	1633	<u>Monroe Plater</u>	
5	"	" "	B-25	20	—	—	—	510.5	1642	<u>—</u>	
				100							
RESULTS		LANDFARM EMPLOYEE		NOTES							
<u>299</u>	CHLORIDE TEST	<u>2</u>	<u>Devin Robinson</u>		<u>Gw</u>						
	CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out								
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								
<u>pass</u>	PAINT FILTER TEST	<u>2</u>									

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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BOL# 687<sup>59</sup>~~88~~

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-18-21TIME 1525

Attach test strip here

CUSTOMER LogosSITE Quinnella # 2DRIVER Eric R. R. R.SAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST - 299 mg/KgACCEPTED YES ✓

NO \_\_\_\_\_

PAINT FILTER TEST Time started 1525Time completed 1520PASS YES ✓

NO \_\_\_\_\_

SAMPLER/ANALYST Steve J.



BOL# 68759

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6/18/21TIME 1642

Attach test strip here

CUSTOMER LogosSITE Quinella #2DRIVER [Signature]SAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST ~299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 1645 Time completed 1650PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]

DECEMBER

1

1

1

1

1

1






# Bill of Lading

MANIFEST # **68763**GENERATOR EnviroTechPOINT OF ORIGIN LANDFARMTRANSPORTER Kelley Oil FieldDATE 6-21-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LOSOS	VIRGIN SOIL	-	20	-	-	-	5115	7:15	EB
2	QUINCEHAT 2	u	-	20	-	-	-	5045	7:40	cy
3	u	u	-	20	-	-	-	5115	9:55	EB
4	u	u	-	20	-	-	-	5115 <del>5045</del>	12:45	EB
5	u	u	-	20	-	-	-	5045	14:15	cy
				<u>100</u>						
RESULTS		LANDFARM EMPLOYEE		NOTES						
	CHLORIDE TEST	 <input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receipt <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.						
	CHLORIDE TEST									
	CHLORIDE TEST									
	PAINT FILTER TEST									

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68764**GENERATOR Logo'sPOINT OF ORIGIN Bvine/A #2TRANSPORTER Kelley Oil FieldDATE 6-21-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY				
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE	
1	LFI-5	CONT Soil	L-25	20	-	-	-	5115	9:55	<i>[Signature]</i>	
2	"	"	"	"	"	"	-	5045	10:15	<i>[Signature]</i>	
3	"	"	"	"	"	"	-	5115	12:45	<i>[Signature]</i>	
4	"	"	"	"	"	"	-	5115	15:45	<i>[Signature]</i>	
5	"	"	"	"	"	"	-	5045	16:36	<i>[Signature]</i>	
				<u>100</u>							
RESULTS		LANDFARM EMPLOYEE						NOTES			
<u>299</u>	CHLORIDE TEST	<u>2</u>									
	CHLORIDE TEST				<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out						
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								
<u>PASS</u>	PAINT FILTER TEST	<u>2</u>									

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68764

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-21-21TIME 9:55

Attach test strip here

CUSTOMER LogosSITE Quivella II 2DRIVER Eric BetsureSAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 9:55 Time completed 10:05PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]

BOL# 68764

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 6-21-21 TIME 1636 Attach test strip hereCUSTOMER Logo'sSITE Quinena #2DRIVER EJSAMPLE Soil Straight \_\_\_\_\_ With Dirt \_\_\_\_\_CHLORIDE TEST - 299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 1636 Time completed 1641PASS YES ✓ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]





envirotech

## Bill of Lading

MANIFEST # **68770**GENERATOR EnvirotechPOINT OF ORIGIN LANDFARMTRANSPORTER Kelley Oil FieldDATE 6-22-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	2050'S QUINCH A #2	VIRGIN SOIL	-	20	-	-	-	5115	7:10	CEB
2	" "	" "	-	20	-	-	-	5065	0725	Shu R
3	" "	" "	-	20	-	-	-	5115	1005	CEB
4	" "	" "	-	20	-	-	-	5065	1015	Shu R
5	" "	" "	-	20	-	-	-	5115	1430	CEB
				<u>100</u>						
RESULTS		LANDFARM EMPLOYEE					NOTES			
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								
	CHLORIDE TEST									
	CHLORIDE TEST									
	PAINT FILTER TEST									

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68771**GENERATOR **Logos**POINT OF ORIGIN **Quemilla #2**TRANSPORTER **Kelley Oil Field**DATE **06-22-21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFA-5	cont. soil	H25	26	-	-	-	5115	1005	EB
2	"	"	"	H25	26	-	-	506S	1015	EB
3	"	"	"	H25	26	-	-	5115	1340	EB
4	"	"	"	H25	26	-	-	506S	1541	EB
5	"	"	"	H25	20	-	-	5115	1735	EB
				<b>124</b>						
RESULTS		LANDFARM EMPLOYEE		<b>Gay Robinson</b> <i>GWR</i> <input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out				NOTES		
<b>299</b>	CHLORIDE TEST	<b>1</b>						See Pix.		
	CHLORIDE TEST									
	CHLORIDE TEST									
<b>PASS</b>	PAINT FILTER TEST	<b>1</b>		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.						

Generator Onsite Contact \_\_\_\_\_

Phone \_\_\_\_\_

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BOL# 68771

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-22-21 TIME 1005

Attach test strip here

CUSTOMER LogosSITE Quejilla #2DRIVER Eric BlakeSAMPLE Soil Straight X With Dirt \_\_\_\_\_CHLORIDE TEST -299 mg/KgACCEPTED YES / NO \_\_\_\_\_PAINT FILTER TEST Time started 1005 Time completed 1015PASS YES / NO \_\_\_\_\_SAMPLER/ANALYST Gary Robinson



# Bill of Lading

MANIFEST # **68806**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Kelleyou FieldDATE 06.28.21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos	Virgin	—	20	—	—	—	5115	1036	<i>EB</i>
2	Quenilla #2	SOIL	—	20	—	—	—	5065	1045	<i>Am R</i>
3	"	"	—	20	—	—	—	5115	1335	<i>EB</i>
4	"	"	—	20	—	—	—	5065	1405	<i>Am R</i>
				<u>80</u>						
RESULTS		LANDFARM EMPLOYEE		<i>Cory Robinson</i> <input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out				NOTES		
	CHLORIDE TEST									
	CHLORIDE TEST									
	CHLORIDE TEST									
	PAINT FILTER TEST			By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.						

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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## Bill of Lading

MANIFEST # 68809

GENERATOR Logos

POINT OF ORIGIN Quenilla #2

TRANSPORTER Kelley on Field

DATE 06-28-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII 5	Cont Soil	F26	24	-	-	-	5115	1335	EB
2	"	" "	E26	24	-	-	-	506S	1405	Shen B.
3	"	" "	E26	26	-	-	-	5115	1612	EB
4	"	" "	E26	26	-	-	-	506S	1705	Shen B.
				100						
RESULTS		LANDFARM EMPLOYEE		GARY ROBINSON				NOTES		
CHLORIDE TEST	1									
CHLORIDE TEST				<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out						
CHLORIDE TEST				By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.						
PAINT FILTER TEST	1									

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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BOL# 68809

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06.28.21 TIME 1335 Attach test strip hereCUSTOMER LogosSITE QuenilloDRIVER Eric BetsuneSAMPLE Soil Straight ✓ With Dirt       CHLORIDE TEST -299 mg/KgACCEPTED YES        NO       PAINT FILTER TEST Time started 1335 Time completed 1344PASS YES        NO       SAMPLER/ANALYST Gray Robinson





# envirotech

## Bill of Lading

MANIFEST # **68812**  
 GENERATOR Envirotech  
 POINT OF ORIGIN Land Farm  
 TRANSPORTER Kelley O'Field  
 DATE 06-29-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Logos	Virgin Soil	-	20	-	-	-	5115	708	<i>TEB</i>
2	Quenilla #2	" "	-	20	-	-	-	5115	<del>956</del>	<i>TEB</i>
3	" "	" "	-	20	-	-	-	5045	1010	<i>TEB</i>
4	Void at this line	-	-	20	Void	Void	5115	1307	Void	<i>TEB</i>
5	Void at this line	-	-	20	Void	Void	5045	1325	Void	<i>TEB</i>
				<u>60</u>						
RESULTS		LANDFARM EMPLOYEE					NOTES			
	CHLORIDE TEST	<i>Cary Robinson</i> GWC					Void Line 4, 5.			
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receival <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out								
	CHLORIDE TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I								
	PAINT FILTER TEST	certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.								

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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## Bill of Lading

GENERATOR Logos

POINT OF ORIGIN Ovenilla #2

TRANSPORTER Kelley O'Connell Field

DATE 06-29-21 JOB # 12035-0155

[illegible]

RESULTS			LANDFARM EMPLOYEE			NOTES
299	CHLORIDE TEST	1				
	CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out			
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.			
PASS	PAINT FILTER TEST	1				

Generator Onsite Contact	Phone
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BOL# 68816

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 06-29-21 TIME 956

Attach test strip here

CUSTOMER Quenetta + LogosSITE Quenetta #2DRIVER Bob [Signature]SAMPLE Soil Straight X With Dirt \_\_\_\_\_CHLORIDE TEST 299 mg/KgACCEPTED YES ✓ NO \_\_\_\_\_PAINT FILTER TEST Time started 956 Time completed 1008

PASS YES \_\_\_\_\_ NO \_\_\_\_\_

SAMPLER/ANALYST Gary Robinson



# Bill of Lading

MANIFEST # **68839**GENERATOR EnvirotechPOINT OF ORIGIN Land FarmTRANSPORTER Kelley Oil FieldDATE 07-01-21 JOB # 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	Quemilla #2	Virgin Soil	—	20	—	—	—	506S	0710	Shun B
2	Logos	"	—	20	—	—	—	510S	0710	Monroe Pletzer
3	"	"	—	20	—	—	—	511S	7250	EB
4	"	"	—	20	—	—	—	505S	830	EB
5	"	"	—	20	—	—	—	506S	950	Shun B
6	"	"	—	20	—	—	—	510S	1022	Monroe Pletzer
7	"	"	—	20	—	—	—	511S	1055	EB
8	"	"	—	20	—	—	—	505S	1110	EB
9	"	"	—	20	—	—	—	506S	1315	Shun B
10	"	"	—	20	—	—	—	510S	1315	Monroe Pletzer

RESULTS		LANDFARM EMPLOYEE <u>Gary Robinson</u> <input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out	NOTES
	CHLORIDE TEST		
	CHLORIDE TEST		
	CHLORIDE TEST		
	PAINT FILTER TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

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# Bill of Lading

MANIFEST # **68840**GENERATOR **Logos**POINT OF ORIGIN **Quenilla #2**TRANSPORTER **Kelley on Field**DATE **07-01-21** JOB # **12035-0155**

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII-2	Drillcuttings	H26	20	-	-	-	506S	950	Shu Per
2	"	" "	H26	26	-	-	-	510S	1022	Monroe Pletcher
3	"	" "	H26	26	-	-	-	511S	1055	Shu Per
4	"	" "	I26	24	-	-	-	505S	1110	Shu Per
5	"	" "	I26	26	-	-	-	506S	1315	Shu Per
6	"	" "	I26	26	-	-	-	510S	1315	Monroe Pletcher
7	"	" "	J26	26	-	-	-	511S	1333	Bigami Duncan
8	"	" "	J26	22	-	-	-	505S	1344	Shu Per
9	"	" "	J26	26	-	-	-	506	1605	Shu Per
10	"	" "	J26	26	-	-	-	510S	1620	Monroe Pletcher

RESULTS		LANDFARM EMPLOYEE <b>Gary Robinson</b>	NOTES
<b>&lt;299</b>	CHLORIDE TEST <b>1</b>		
	CHLORIDE TEST	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out	
	CHLORIDE TEST	By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	
<b>Pass</b>	PAINT FILTER TEST <b>1</b>		

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records / Billing

Yellow - Customer

Pink - LF Copy

BOL# 68840

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07.01.21 TIME 950 Attach test strip hereCUSTOMER LogosSITE Quenilla #2DRIVER [Signature]SAMPLE Soil Straight / With Dirt       CHLORIDE TEST -299 mg/KgACCEPTED YES / NO       PAINT FILTER TEST Time started 950 Time completed 1005PASS YES / NO       SAMPLER/ANALYST Cory Robinson





# Bill of Lading

DATE 07-01-21 JOB # 12035-0155

[illegible]

RESULTS			LANDFARM EMPLOYEE <i>Gary Robinson</i>	NOTES <i>Void Line 2.</i>
	CHLORIDE TEST			
	CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out	
	CHLORIDE TEST		<b>By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.</b>	
	PAINT FILTER TEST			

Generator Onsite Contact	Phone
--------------------------	-------

DISTRIBUTION:    **White** - Company Records / Billing    **Yellow** - Customer    **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3



## MANIFEST # 68848

GENERATOR Logos

POINT OF ORIGIN Quenilla #2

TRANSPORTER Kelley

DATE 07-01-21 JOB # 12035-0155

[illegible]

Generator Onsite Contact	Phone
--------------------------	-------

*Signatures required prior to distribution of the legal document.*

DISTRIBUTION:    **White** - Company Records / Billing    **Yellow** - Customer    **Pink** - LF Copy

Released to Imaging: 1/19/2022 1:30:35 PM



BOL# 68848

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07-01-21 TIME 1625 Attach test strip hereCUSTOMER LogosSITE Per-Quen III #2DRIVER Benjamin DuncanSAMPLE Soil      Straight      With Dirt     CHLORIDE TEST -299 mg/KgACCEPTED YES      NO     PAINT FILTER TEST Time started 1625 Time completed 1635PASS YES      NO     SAMPLER/ANALYST Gary Robinson



**envirotech**

# Bill of Lading

MANIFEST # 68851

GENERATOR Log OS

POINT OF ORIGIN Quenilla #2

TRANSPORTER Kelley

DATE 07.02.27 JOB# 12035-0155

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact	Phone
--------------------------	-------

*Signatures required prior to distribution of the legal document.*

DISTRIBUTION:    **White** - Company Records / Billing    **Yellow** - Customer    **Pink** - LF Copy

Released to Imaging: 1/19/2022 1:30:35 PM



BOL# 68851

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07-02-21TIME 815

Attach test strip here

CUSTOMER LogosSITE Quinnilla #2DRIVER Jim MSAMPLE Soil Straight        With Dirt       CHLORIDE TEST 299 mg/KgACCEPTED YES        NO       PAINT FILTER TEST Time started 815 Time completed       PASS YES        NO       SAMPLER/ANALYST Craig Robinson



## MANIFEST # 69053

POINT OF ORIGIN *Quinella 2*

TRANSPORTER Kelly

DATE 07-23-21 JOB # 12035-0155

[illegible]

NOTES

☐ Soil w/ Debris ☐ After Hours/Weekend Reveal ☐ Scrape Out ☐ Wash Out

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

1

DISTRIBUTION:    **White** - Company Records / Billing    **Yellow** - Customer    **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3



BOL# 09053

## CHLORIDE TESTING / PAINT FILTER TESTING

DATE 07-23-21 TIME 1405

Attach test strip here

CUSTOMER LogosSITE Quivella 2.DRIVER [Signature]SAMPLE Soil Straight With DirtCHLORIDE TEST 286 mg/KgACCEPTED YES \_\_\_\_\_ NO \_\_\_\_\_PAINT FILTER TEST Time started 1405 Time completed 1414PASS YES \_\_\_\_\_ NO \_\_\_\_\_SAMPLER/ANALYST [Signature]

# Appendix C




## *Field Notes*



Practical Solutions for a Better Tomorrow



CLIENT: <u>Logos</u>	 <b>envirotech</b>	Envmtl. Spclst: <u>TK &amp; KS</u>
CLIENT/JOB #: <u>Punella 2</u> <sup>12035-01109</sup>		Site Name: <u>Punella #2</u>
START DATE: <u>6/21/21</u>	505-632-0615   1-800-362-1879	LAT <u>36.1871223</u>
FINISH DATE: <u>6/21/21</u>	5796 US Highway 64	LONG <u>-107.514473</u>
Page # _____ of _____	Farmington, NM 87401	<u>Sandoval County</u>

## Field Screening Report

SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			CHLORIDE	
			TIME	PID/OV ppm	TIME	READING	CALC. ppm	TIME	mg/kg
CS-1	944	sect 1 base	WASH						
CS-2	947	sect 1 walls	WASH						
CS-3	956	sect 2 base	WASH						
CS-4	1001	sect 2 walls	WASH						
CS-5		SOUTH EAST WALL	- no sample						
CS-6	1055								
CS-7	1100								
CS-8	1110								
CS-9	1112								
CS-10	1113								
CS-11	1114								
CS-12	1116								
CS-13	1121								
CS-14	1124								
CS-15	1126								
CS-16	1128								
CS-17	1132								
CS-18	1137								
CS-19	1240	sect 1 Base							
CS-20	1245								
CS-21	1247								
CS-22	1249								
CS-23	1251								
CS-24	1253								
CS-25	1403	new SE WALL	1414	0.9					
CS-25B	1505								
CS-26	1506								
CS-26B	1507								
CS-27	1508								
CS-27B	1508								
CS-28	1510								
CS-28B	1511								
CS-29	1512								
CS-29B	1513								
CS-30	1514								

NOTES: Include laboratory analysis information

on site @ 9 AM

walked site w/ Jason

measured wash - section 1 CS 1 &amp; 2 39 ft, section 2 CS-3 &amp; 4 30 ft

average depth of wash excavation = 3.5 ft

measured distance from P&amp;A marker to nearest edge of excavation

measured perimeter of excavation - 22 to 25 ft section, max wall 9 ft

measured north side of excavation to edge of location - 8 ft

condensate line from Pun #002 original release

excavation opened historical PCS from Pun #1 (P&amp;A site)

Large excavation on Pun #1

Revised 6/14/2021

CS - 31 1516  
CS - 32 1517  
CS - 33 1518  
CS - 34 1519  
CS - 35 1520  
CS - 36 1521  
CS - 37 1521  
CS - 37B 1523  
CS - 38 1522  
CS - 40 1524  
CS - 41 1525  
CS - 42 1526  
CS - 43 1527  
CS - 44 1528  
CS - 45 1529

BASE SECTION 2



6/21/21  
12035-0169

**SITE PERIMETER:** Draw a schematic of the spill site. Attach photos and other diagrams as needed.

**EXCAVATION OVERVIEW:**

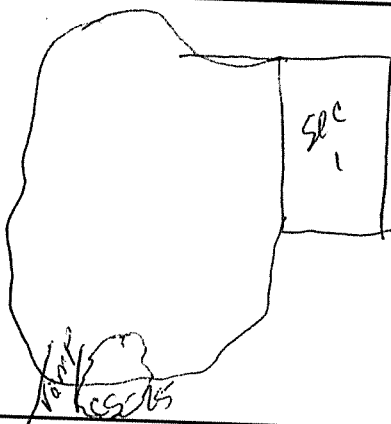
Wash start - 36.18746, -107.51464 7CS-1 & 2  
 Wash drop off - 36.18742, -107.514856  
 Wash end - 36.187420, -107.514976 7CS 3 & 4  
 depth of wash 3.5 ft  
 9 ft wall max

**EXCAVATION PROFILE VIEWS:**

<p>Sample Name:                      Ramp (04) 36.187479                      -107.514464</p> <p>Sec 1 - 36.187550 in                      024 -107.514478                      025 36.187599                      -107.514505</p>	<p>Sample Name:                      Sec 4 36.187709                      031 -107.514648                      032 36.187646, -107.514689</p> <p>Sec 5                      033 36.187607 -107.514747                      034 36.187513 -107.514816</p>
<p>Sample Name:                      Sec 2 026 36.187646                      -107.514481</p> <p>028 36.187701                      -107.514496</p> <p>Sec 3 36.187732, -107.514532                      029                      030 36.187743, -107.514621</p>	<p>Sample Name:                      Sec 6 36.187449 -107.514768                      037 36.187400, -107.514683</p> <p>Sec 7 36.187413, -107.514606                      36.187423, 107.514508</p>

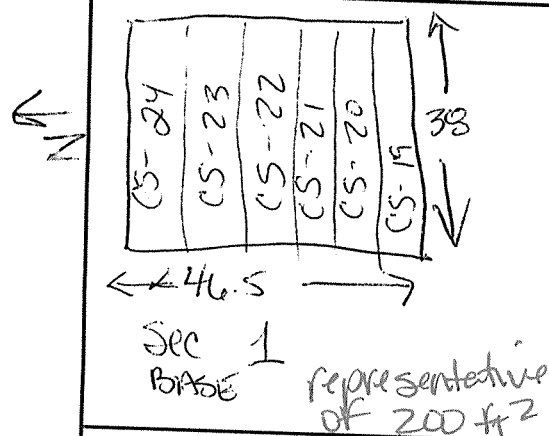
6/21/21  
12035-0169

SITE PERIMETER: Draw a schematic of the spill site. Attach photos and other diagrams as needed.

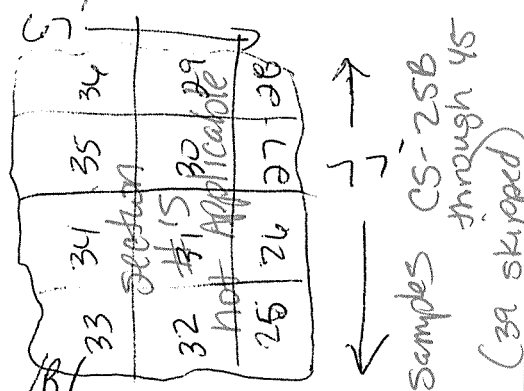


each section 22-25 ft long

EXCAVATION OVERVIEW:



SECTION 2 BASE



EXCAVATION PROFILE VIEWS:

Sample Name:

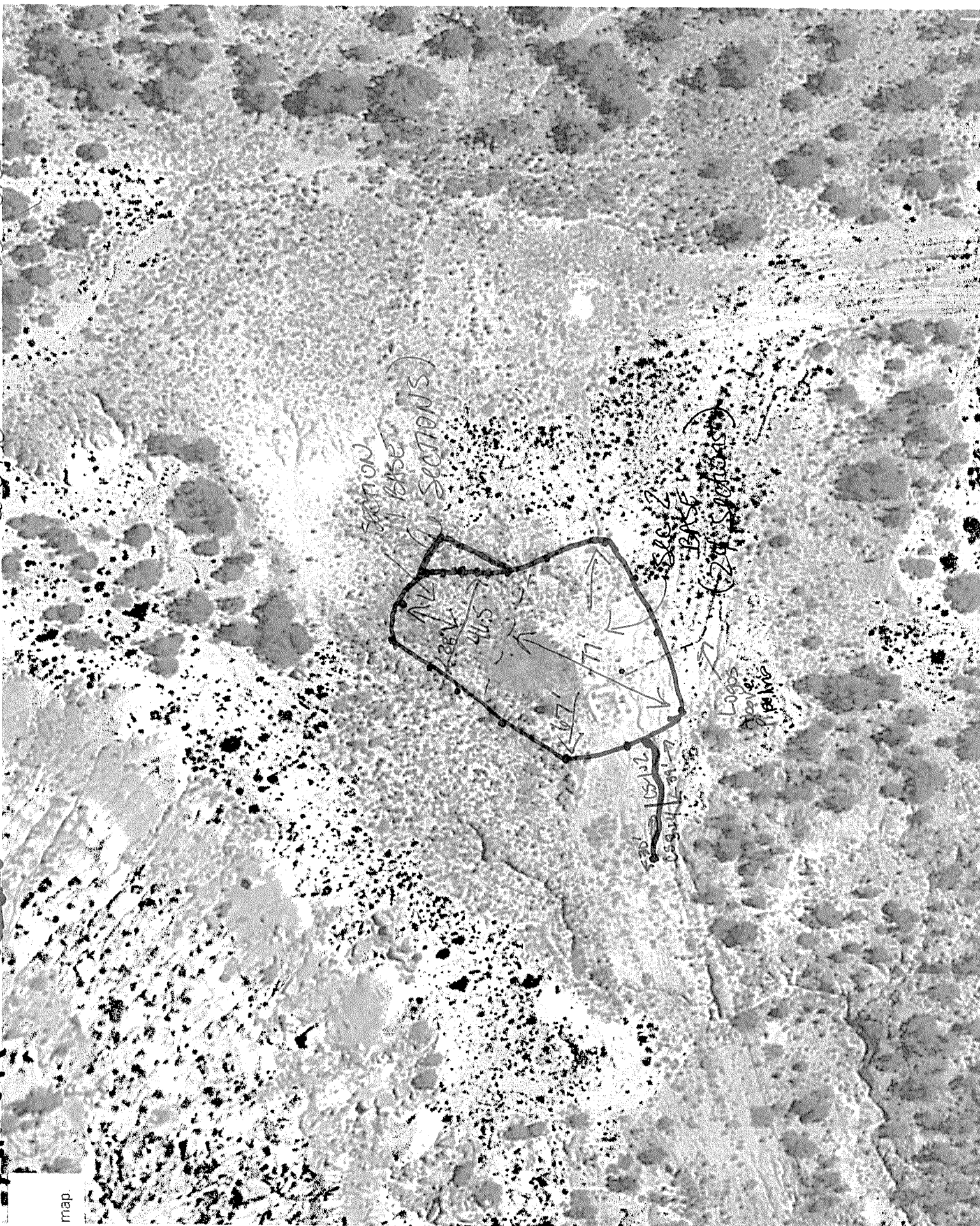
Sample Name:

Section 2 Base -  
marked off in 12 sections  
each section 2 samples  
representative of 200 ft²


Sample Name:

Sample Name:







CLIENT: <u>Logos</u>		 <b>envirotech</b> 505-632-0615   1-800-362-1879 5796 US Highway 64 Farmington, NM 87401		Envmtl. Spclst: <u>BH + KS</u>	
CLIENT/JOB #: <u>12035-0109</u>				Onsite: <u>900</u> Offsite: <u>1530</u>	
START DATE: <u>7/22/2021</u>				LAT: <u>30.1871223</u>	
FINISH DATE: <u>7/22/2021</u>				LONG: <u>-107.514473</u>	
Page # _____ of _____					

LOCATION:	Name: <u>Quinella</u>	Well #: <u>2 (P+H Quinella)</u>	API: _____
	County: <u>Sandoval</u>	State: <u>NM</u>	HWY-MM: _____
Cause of Release: <u>Damaged line from Q#2</u>		Material Released: <u>Cond/H. St. on Q#1</u>	
QUAD/UNIT: _____		SEC: _____	TWP: _____
		RNG: _____	PM: _____
Spill Located Approximately: _____ FT. FROM _____			
Excavation Approx: <u>140</u> FT. X <u>100</u> FT. X <u>9</u> FT. bgs Volume (cy/tons): _____			
Disposal Facility: <u>Envirotech</u>			
Land Use: <u>Large land</u>		Land Owner: <u>Federal</u>	
REGULATORY AGENCY: <u>NMOC D/BLM</u>		TPH CLOSURE STD: <u>100</u>	
ADDITIONAL CLOSURE REQUIREMENTS: <u>BLM requires closure 100 TPH</u>			

SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			Chloride	
			TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
<u>200 std</u>	<u>—</u>	<u>200 standard</u>	<u>—</u>	<u>—</u>	<u>1032</u>	<u>—</u>	<u>209</u>		
<u>CS-1A</u>	<u>1030</u>	<u>CS-1A</u>			<u>1048</u>	<u>37</u>	<u>143</u>		
<u>CS-16</u>	<u>1130</u>	<u>CS-16</u>			<u>11:55</u>	<u>31</u>	<u>124</u>		
<u>CS-1A</u>	<u>1359</u>	<u>CS-1A</u>			<u>1430</u>	<u>31</u>	<u>124</u>		
<u>CS-2B</u>	<u>1407</u>	<u>CS-2B</u>			<u>1433</u>	<u>20</u>	<u>80</u>		
<u>CS-1B</u>	<u>1401</u>	<u>CS-1B</u>			<u>1431</u>	<u>23</u>	<u>92</u>		
<u>CS-2A</u>	<u>1405</u>	<u>CS-2A</u>			<u>14:32</u>	<u>21</u>	<u>84</u>		

<b>NOTES: Include laboratory analysis information</b>	
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	<u>DJR + Kelly oilfield onsite</u>





**CONTINUOUS CALIBRATION  
EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Cal. Date: 7/22/201

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	209
	200	
	500	
	1000	
	5000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

9/14/2021

Date

Brittany Hall

Print Name

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

9/14/2021

Date

Felipe Aragon, CES, CHMM

Print Name

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	1	Date Reported:	9/14/2021
Sample ID:	CS-1A	Date Sampled:	7/22/201
Sample Matrix:	Soil	Date Analyzed:	7/22/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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<b>Total Petroleum Hydrocarbons</b>	<b>148</b>	<b>5.0</b>
-------------------------------------	------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	2	Date Reported:	9/14/2021
Sample ID:	CS-16	Date Sampled:	7/22/201
Sample Matrix:	Soil	Date Analyzed:	7/22/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>124</b>	<b>5.0</b>
-------------------------------------	------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	3	Date Reported:	9/14/2021
Sample ID:	CS-1A	Date Sampled:	7/22/201
Sample Matrix:	Soil	Date Analyzed:	7/22/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>124</b>	<b>5.0</b>
-------------------------------------	------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	4	Date Reported:	9/14/2021
Sample ID:	CS-2B	Date Sampled:	7/22/201
Sample Matrix:	Soil	Date Analyzed:	7/22/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>80</b>	<b>5.0</b>
-------------------------------------	-----------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	5	Date Reported:	9/14/2021
Sample ID:	CS-1B	Date Sampled:	7/22/201
Sample Matrix:	Soil	Date Analyzed:	7/22/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

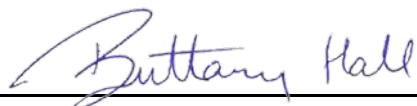
<b>Total Petroleum Hydrocarbons</b>	<b>92</b>	<b>5.0</b>
-------------------------------------	-----------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

  
\_\_\_\_\_  
Analyst

Brittany Hall  
\_\_\_\_\_  
Printed

  
\_\_\_\_\_  
Review

Felipe Aragon, CES, CHMM  
\_\_\_\_\_  
Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	6	Date Reported:	9/14/2021
Sample ID:	CS-2A	Date Sampled:	7/22/201
Sample Matrix:	Soil	Date Analyzed:	7/22/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>84</b>	<b>5.0</b>
-------------------------------------	-----------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall


Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed

CLIENT:	Logos	 <b>envirotech</b> 505-632-0615   1-800-362-1879 5796 US Highway 64 Farmington, NM 87401	Envmtl. Spclst:	BN
CLIENT/JOB #:	12035-0169		Site Name:	Quinella #2
START DATE:	7/28/2021		LAT	36.1871223
FINISH DATE:	7/28/2021		LONG	-107.514473
Page #	_____ of _____			

# Field Screening Report

[illegible]

**NOTES:** *Include laboratory analysis information*

Samples ran for 8015, 8021. CI

Flow rate = 100 TPH

Taxon w/ logos on-site

Koustebant crew on-site

\* CS-17 collected @ 1200 - take sample to lab per Jason M

\* Same as above for 17-B

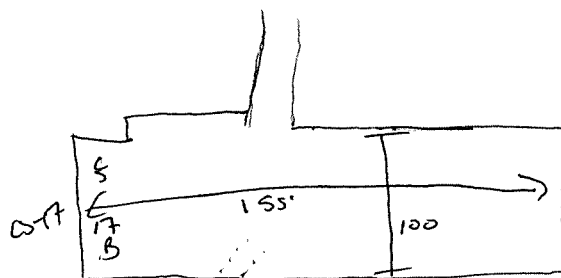
$$CS-1A = 25L \times 9D \times 6w$$

155' x 100'

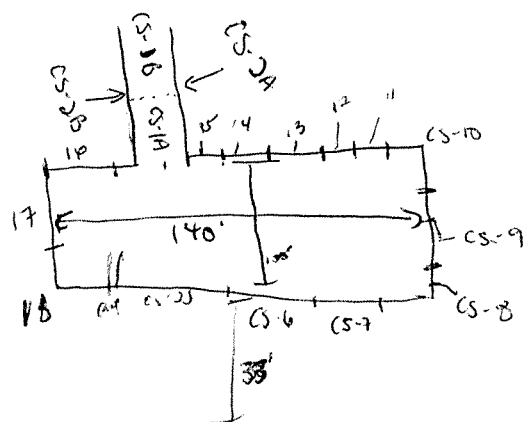
Revised 6/14/2021



7/28/21 - started backfilling northern portion of excavation



N →



N →

Start of 7/28/2021  
P+P  
marker



**CONTINUOUS CALIBRATION  
EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Cal. Date: 7/28/201

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	197
	200	
	500	
	1000	
	5000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

9/14/2021

Date

Brittany Hall

Print Name

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

9/14/2021

Date

Felipe Aragon, CES, CHMM

Print Name



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	1	Date Reported:	9/14/2021
Sample ID:	CS-17	Date Sampled:	7/28/201
Sample Matrix:	Soil	Date Analyzed:	7/28/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>444</b>	<b>5.0</b>
-------------------------------------	------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	2	Date Reported:	9/14/2021
Sample ID:	CS-1A	Date Sampled:	7/28/201
Sample Matrix:	Soil	Date Analyzed:	7/28/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------


<b>Total Petroleum Hydrocarbons</b>	<b>224</b>	<b>5.0</b>
-------------------------------------	------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

  
\_\_\_\_\_  
Analyst

Brittany Hall  
\_\_\_\_\_  
Printed

  
\_\_\_\_\_  
Review

Felipe Aragon, CES, CHMM  
\_\_\_\_\_  
Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	3	Date Reported:	9/14/2021
Sample ID:	CS-1A	Date Sampled:	7/28/201
Sample Matrix:	Soil	Date Analyzed:	7/28/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>140</b>	<b>5.0</b>
-------------------------------------	------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	4	Date Reported:	9/14/2021
Sample ID:	CS-17	Date Sampled:	7/28/201
Sample Matrix:	Soil	Date Analyzed:	7/28/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>1,020</b>	<b>5.0</b>
-------------------------------------	--------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	5	Date Reported:	9/14/2021
Sample ID:	CS-17	Date Sampled:	7/28/201
Sample Matrix:	Soil	Date Analyzed:	7/28/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>428</b>	<b>5.0</b>
-------------------------------------	------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed



**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	6	Date Reported:	9/14/2021
Sample ID:	CS-1A	Date Sampled:	7/28/201
Sample Matrix:	Soil	Date Analyzed:	7/28/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>56</b>	<b>5.0</b>
-------------------------------------	-----------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed

**EPA METHOD 418.1  
TOTAL PETROLEUM  
HYDROCARBONS**

Client:	Logos Operating, LLC	Project #:	12035-0169
Sample No.:	7	Date Reported:	9/14/2021
Sample ID:	CS-17B	Date Sampled:	7/28/201
Sample Matrix:	Soil	Date Analyzed:	7/28/201
Preservative:	Cool	Analysis Needed:	TPH-418.1
Condition:	Cool and Intact		

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
-----------	--------------------------	--------------------------

<b>Total Petroleum Hydrocarbons</b>	<b>568</b>	<b>5.0</b>
-------------------------------------	------------	------------

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Quinella #001/#002**

Instrument calibrated to 200 ppm standard and zeroed before each sample.

A handwritten signature in blue ink that reads 'Brittany Hall'.

Analyst

Brittany Hall

Printed

A handwritten signature in blue ink that reads 'Felipe Aragon'.

Review

Felipe Aragon, CES, CHMM

Printed

# Appendix D



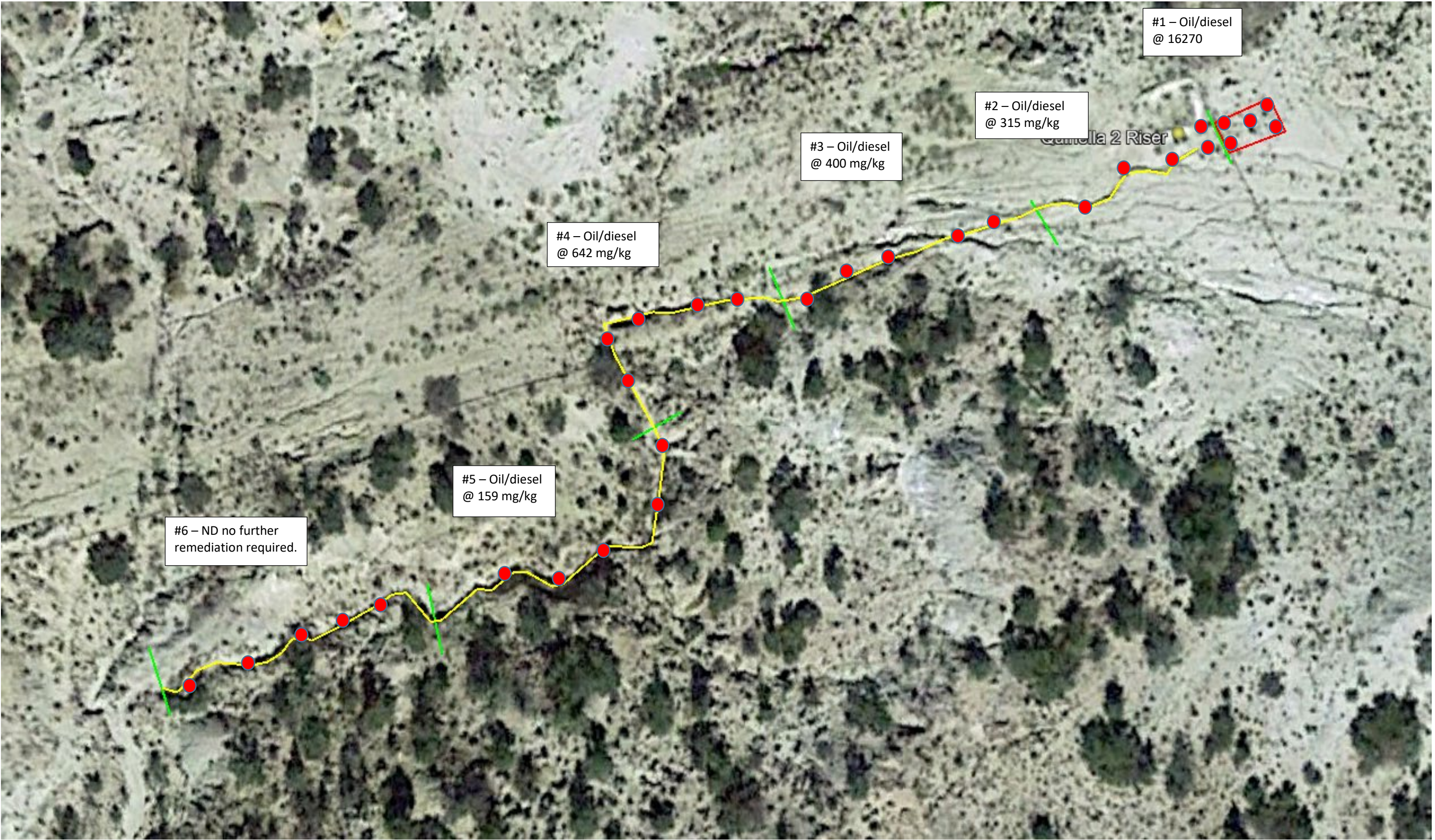
## *Laboratory Analytical Report*



Practical Solutions for a Better Tomorrow



QUINELLA 2: 1/8/2021 Grab Samples 1 – 6 divided by green lines; WE NEED TO BE BELOW 100





**From:** [Marie Florez](#)  
**To:** [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); [Adeloye, Abiodun A](#)  
**Cc:** [Joyner, Ryan N](#); [Smith, Cory](#), EMNRD; [Bryan Lovato](#); [Tamra Sessions](#); [Etta Trujillo](#); [Jason Meechan](#); [Robert Bixler](#); [Marcia Brueggenjohann](#)  
**Subject:** Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin  
**Date:** Thursday, May 13, 2021 3:38:00 PM  
**Attachments:** [C141 Quinella 2 Initial Response 20201202.pdf](#)  
[Quinella 1 TOPO site map.pdf](#)  
**Importance:** High

---

**LOGOS will begin remediation on Monday May 17, 2021 per C141 incident # nCS2034632180.**

**The actual incident occurred on the Quinella 1 but is plugged and abandon, so LOGOS is filing and submitting all documentation under the Quinella 2.**

**Contact: Jason Meechan 505-486-2612**

**Incident # nCS2034632180.**

**Surface: Federal (BLM)**

**API: 30-043-20077**

**Well Name: Quinella 1 – Plug and Abandon**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: D**

**Lat: 36.1871223**

**Long: -107.514473 NAD 83**

**API: 30-043-20945**

**Well Name: Quinella 2**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: F**

If you have any questions or concerns, please let us know.

Thanks,

*Marie E. Florez*

Regulatory Specialist

Cell: 505-419-8420

Office: 505-787-2218

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)





**From:** [Marie Florez](#)  
**To:** [Smith, Cory, EMNRD](#); [Neil.Haws@duganproduction.com](#); [nvalenzuela@djrlc.com](#); [Adeloye, Abiodun A](#)  
**Cc:** [Joyner, Ryan N](#); [Bryan Lovato](#); [Tamra Sessions](#); [Etta Trujillo](#); [Jason Meechan](#); [Robert Bixler](#); [Marcia Brueggenjohann](#)  
**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Final Confirmation sample - UPDATE  
**Date:** Thursday, May 27, 2021 2:30:00 PM

---

The results are still above OCD content level, LOGOS will continue to remediate this location. We will schedule another Final confirmation sample later.

Thanks,

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez  
**Sent:** Tuesday, May 25, 2021 7:06 AM  
**To:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Neil.Haws@duganproduction.com; nvalenzuela@djrlc.com; Adeloye, Abiodun A <aadeloye@blm.gov>  
**Cc:** Joyner, Ryan N <rjoyner@blm.gov>; Bryan Lovato <blovato@logosresourcesllc.com>; Tamra Sessions <tsessions@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Jason Meechan <jmeechan@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Marcia Brueggenjohann <mbrueggenjohann@logosresourcesllc.com>  
**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Final Confirmation sample

LOGOS is notifying OCD (one) business days prior to conducting final sampling on the following well.

Date: May 26, 2021 (Wednesday)

Time: 10:00pm

Incident # nCS2034632180.

Surface: Federal

API: 30-043-20945

Well Name: Quinella 2

Section: 31

Township: 23N

Range: 6W

Unit Letter: F

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Sent:** Friday, May 14, 2021 12:24 PM  
**To:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com);  
[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeleye, Abiodun A <[aadeleye@blm.gov](mailto:aadeleye@blm.gov)>  
**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>  
**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin

Marie,

Thank you for the notification, please remediate /sample per 19.15.29 NMAC.

If you have any additional questions please give me a call.

OCD Approval does not relieve Logos of any other requirements imposed by other regulatory agencies.

**Cory Smith** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>  
**Sent:** Thursday, May 13, 2021 3:39 PM  
**To:** [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeleye, Abiodun A <[aadeleye@blm.gov](mailto:aadeleye@blm.gov)>  
**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>  
**Subject:** [EXT] Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin  
**Importance:** High

**LOGOS will begin remediation on Monday May 17, 2021 per C141 incident # nCS2034632180.**

**The actual incident occurred on the Quinella 1 but is plugged and abandon, so LOGOS is filing and**

submitting all documentation under the Quinella 2.

Contact: Jason Meechan 505-486-2612

Incident # nCS2034632180.

Surface: Federal (BLM)

API: 30-043-20077

Well Name: Quinella 1 – Plug and Abandon

Section: 31

Township:23N

Range: 6W

Unit Letter: D

Lat: 36.1871223

Long: -107.514473 NAD 83

API: 30-043-20945

Well Name: Quinella 2

Section: 31

Township:23N

Range: 6W

Unit Letter: F

If you have any questions or concerns, please let us know.

Thanks,

*Marie E. Florez*

Regulatory Specialist

Cell: 505-419-8420

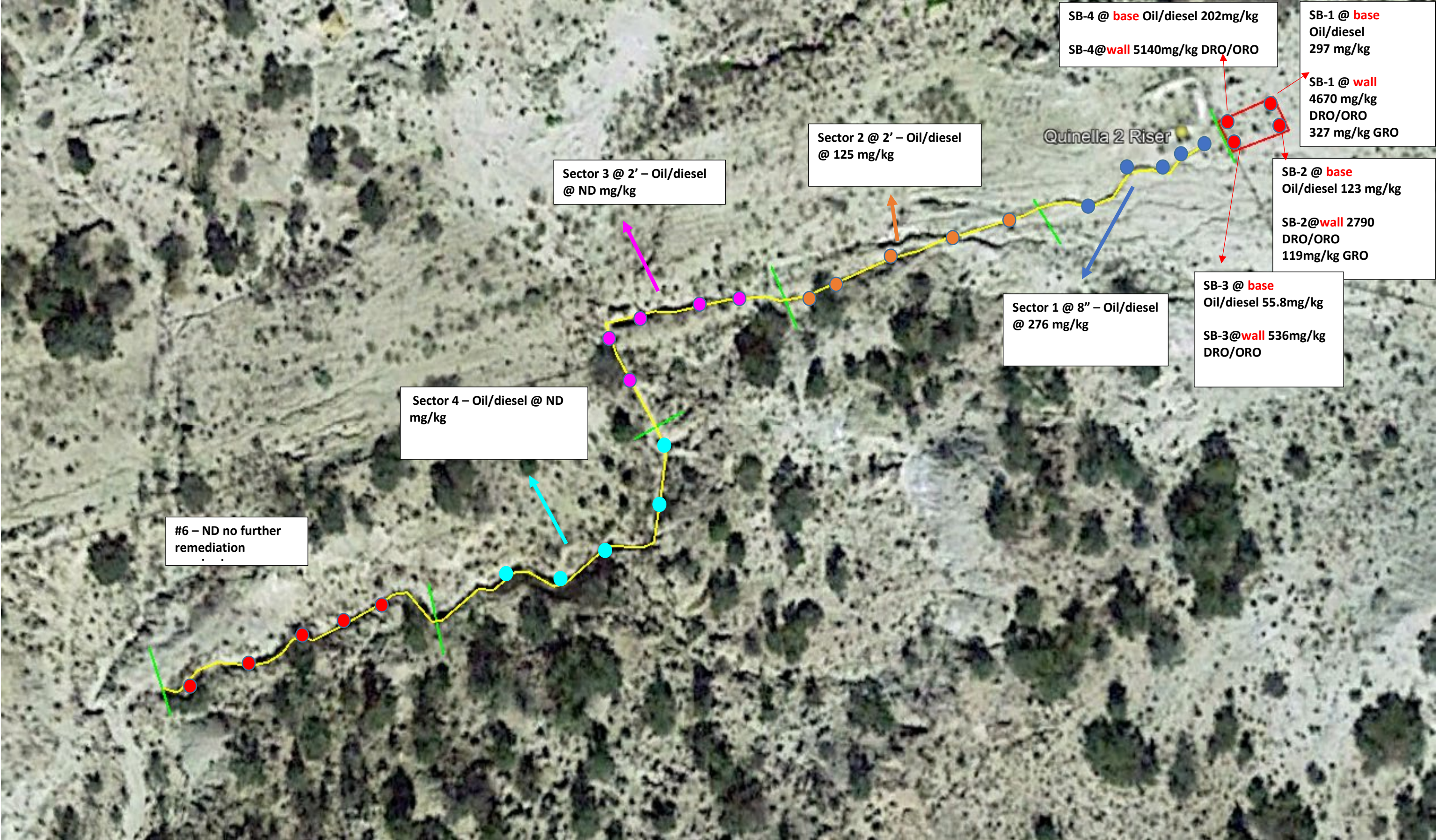
Office: 505-787-2218

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)





QUINELLA 1 / 2: 5/26/21 1 – 3 divided by green lines; WE NEED TO BE BELOW 100 mg/kg





Report to:  
Bryan Lovato



5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Logos Resources

Project Name: Quinella 2 - pipeline

Work Order: E105050

Job Number: 12035-0114

Received: 5/26/2021

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/28/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/28/21



Bryan Lovato  
2010 Afton Place  
Farmington, NM 87401

Project Name: Quinella 2 - pipeline  
Workorder: E105050  
Date Received: 5/26/2021 1:45:00PM

Bryan Lovato,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/26/2021 1:45:00PM, under the Project Name: Quinella 2 - pipeline.

The analytical test results summarized in this report with the Project Name: Quinella 2 - pipeline apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Office:

**Lynn Estes**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[lestes@envirotech-inc.com](mailto:lestes@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Logos Resources	Project Name:	Quinella 2 - pipeline	Reported:
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	05/28/21 13:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SB-1 at base	E105050-01A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
SB-2 at base	E105050-02A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
SB-3 at base	E105050-03A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
SB-4 at base	E105050-04A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
SB-1 at wall	E105050-05A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
SB-2 at wall	E105050-06A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
SB-3 at wall	E105050-07A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
SB-4 at wall	E105050-08A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
Sector 1 at 8'	E105050-09A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
Sector 2 at 2'	E105050-10A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.
Sector 4 at 6"	E105050-11A	Soil	05/26/21	05/26/21	Glass Jar, 4 oz.



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## SB-1 at base

## E105050-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	102 %	70-130		05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.7 %	70-130		05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	194	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	103	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		05/26/21	05/26/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	32.2	20.0	1	05/26/21	05/26/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## SB-2 at base

## E105050-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.0 %	70-130	05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	68.5	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	54.2	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
		92.6 %	50-200	05/26/21	05/26/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	53.5	20.0	1	05/26/21	05/26/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## SB-3 at base

## E105050-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122010
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122010
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.3 %	70-130	05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2122009
Diesel Range Organics (C10-C28)	55.8	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
		92.3 %	50-200	05/26/21	05/26/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122012
Chloride	56.0	20.0	1	05/26/21	05/26/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## SB-4 at base

## E105050-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/26/21	
Toluene	ND	0.0250	1	05/26/21	05/26/21	
o-Xylene	ND	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/26/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.7 %	70-130	05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	111	25.0	1	05/26/21	05/26/21	
Oil Range Organics (C28-C36)	90.7	50.0	1	05/26/21	05/26/21	
<i>Surrogate: n-Nonane</i>						
		96.9 %	50-200	05/26/21	05/26/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	33.9	20.0	1	05/26/21	05/26/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## SB-1 at wall

## E105050-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	0.370	0.0250	1	05/26/21	05/26/21	
Ethylbenzene	4.60	0.0250	1	05/26/21	05/26/21	
Toluene	1.14	0.0250	1	05/26/21	05/26/21	
o-Xylene	0.741	0.0250	1	05/26/21	05/26/21	
p,m-Xylene	19.8	0.0500	1	05/26/21	05/26/21	
Total Xylenes	20.6	0.0250	1	05/26/21	05/26/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	327	20.0	1	05/26/21	05/26/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		116 %	70-130	05/26/21	05/26/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	3510	500	20	05/26/21	05/27/21	
Oil Range Organics (C28-C36)	1160	1000	20	05/26/21	05/27/21	
<i>Surrogate: n-Nonane</i>						
		177 %	50-200	05/26/21	05/27/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	ND	20.0	1	05/26/21	05/26/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## SB-2 at wall

## E105050-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/27/21	
Ethylbenzene	<b>0.886</b>	0.0250	1	05/26/21	05/27/21	
Toluene	<b>0.459</b>	0.0250	1	05/26/21	05/27/21	
o-Xylene	<b>1.72</b>	0.0250	1	05/26/21	05/27/21	
p,m-Xylene	<b>4.95</b>	0.0500	1	05/26/21	05/27/21	
Total Xylenes	<b>6.67</b>	0.0250	1	05/26/21	05/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	<b>119</b>	20.0	1	05/26/21	05/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	<b>2680</b>	125	5	05/26/21	05/28/21	
Oil Range Organics (C28-C36)	<b>853</b>	250	5	05/26/21	05/28/21	
<i>Surrogate: n-Nonane</i>						
		145 %	50-200	05/26/21	05/28/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	<b>34.1</b>	20.0	1	05/26/21	05/26/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## SB-3 at wall

## E105050-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2122010
Benzene	ND	0.0250	1	05/26/21	05/27/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/27/21	
Toluene	ND	0.0250	1	05/26/21	05/27/21	
o-Xylene	<b>0.0426</b>	0.0250	1	05/26/21	05/27/21	
p,m-Xylene	<b>0.226</b>	0.0500	1	05/26/21	05/27/21	
Total Xylenes	<b>0.268</b>	0.0250	1	05/26/21	05/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2122010
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2122009
Diesel Range Organics (C10-C28)	<b>376</b>	25.0	1	05/26/21	05/27/21	
Oil Range Organics (C28-C36)	<b>160</b>	50.0	1	05/26/21	05/27/21	
<i>Surrogate: n-Nonane</i>		85.3 %	50-200	05/26/21	05/27/21	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2122012
Chloride	<b>27.2</b>	20.0	1	05/26/21	05/26/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## SB-4 at wall

## E105050-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/27/21	
Ethylbenzene	<b>0.0273</b>	0.0250	1	05/26/21	05/27/21	
Toluene	ND	0.0250	1	05/26/21	05/27/21	
o-Xylene	ND	0.0250	1	05/26/21	05/27/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/27/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		83.3 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	<b>3270</b>	500	20	05/26/21	05/27/21	
Oil Range Organics (C28-C36)	<b>1870</b>	1000	20	05/26/21	05/27/21	
<i>Surrogate: n-Nonane</i>						
		119 %	50-200	05/26/21	05/27/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	ND	20.0	1	05/26/21	05/26/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## Sector 1 at 8'

## E105050-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122010
Benzene	ND	0.0250	1	05/26/21	05/27/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/27/21	
Toluene	ND	0.0250	1	05/26/21	05/27/21	
o-Xylene	ND	0.0250	1	05/26/21	05/27/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/27/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122010
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.4 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2122009
Diesel Range Organics (C10-C28)	115	25.0	1	05/26/21	05/27/21	
Oil Range Organics (C28-C36)	161	50.0	1	05/26/21	05/27/21	
<i>Surrogate: n-Nonane</i>						
		95.1 %	50-200	05/26/21	05/27/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122012
Chloride	ND	20.0	1	05/26/21	05/26/21	



## Sample Data

Logos Resources 2010 Afton Place Farmington NM, 87401	Project Name: Quinella 2 - pipeline Project Number: 12035-0114 Project Manager: Bryan Lovato	Reported: 5/28/2021 1:27:35PM
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## Sector 2 at 2'

## E105050-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Benzene	ND	0.0250	1	05/26/21	05/27/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/27/21	
Toluene	ND	0.0250	1	05/26/21	05/27/21	
o-Xylene	ND	0.0250	1	05/26/21	05/27/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/27/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/27/21	
Surrogate: 4-Bromochlorobenzene-PID	103 %	70-130		05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2122010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/27/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	83.6 %	70-130		05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2122009	
Diesel Range Organics (C10-C28)	48.1	25.0	1	05/26/21	05/27/21	
Oil Range Organics (C28-C36)	76.9	50.0	1	05/26/21	05/27/21	
Surrogate: n-Nonane	94.0 %	50-200		05/26/21	05/27/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2122012	
Chloride	68.2	20.0	1	05/26/21	05/27/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 - pipeline  
Project Number: 12035-0114  
Project Manager: Bryan Lovato

**Reported:**  
5/28/2021 1:27:35PM

## Sector 4 at 6"

## E105050-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122010
Benzene	ND	0.0250	1	05/26/21	05/27/21	
Ethylbenzene	ND	0.0250	1	05/26/21	05/27/21	
Toluene	ND	0.0250	1	05/26/21	05/27/21	
o-Xylene	ND	0.0250	1	05/26/21	05/27/21	
p,m-Xylene	ND	0.0500	1	05/26/21	05/27/21	
Total Xylenes	ND	0.0250	1	05/26/21	05/27/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122010
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/26/21	05/27/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.1 %	70-130	05/26/21	05/27/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2122009
Diesel Range Organics (C10-C28)	ND	25.0	1	05/26/21	05/27/21	
Oil Range Organics (C28-C36)	ND	50.0	1	05/26/21	05/27/21	
<i>Surrogate: n-Nonane</i>						
		98.7 %	50-200	05/26/21	05/27/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2122012
Chloride	ND	20.0	1	05/26/21	05/27/21	



## QC Summary Data

Logos Resources	Project Name:	Quinella 2 - pipeline	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	5/28/2021 1:27:35PM

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2122010-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

## LCS (2122010-BS1)

Prepared: 05/26/21 Analyzed: 05/26/21

Benzene	4.92	0.0250	5.00		98.4	70-130			
Ethylbenzene	5.09	0.0250	5.00		102	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			

## Matrix Spike (2122010-MS1)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/26/21

Benzene	4.85	0.0250	5.00	ND	97.0	54-133			
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133			
Toluene	5.14	0.0250	5.00	ND	103	61-130			
o-Xylene	4.95	0.0250	5.00	ND	98.9	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

## Matrix Spike Dup (2122010-MSD1)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/26/21

Benzene	4.79	0.0250	5.00	ND	95.8	54-133	1.20	20	
Ethylbenzene	4.96	0.0250	5.00	ND	99.3	61-133	1.28	20	
Toluene	5.07	0.0250	5.00	ND	101	61-130	1.47	20	
o-Xylene	4.90	0.0250	5.00	ND	98.1	63-131	0.870	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	1.29	20	
Total Xylenes	15.0	0.0250	15.0	ND	99.8	63-131	1.15	20	
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2 - pipeline	Reported:
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	5/28/2021 1:27:35PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2122010-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.84		8.00		85.4	70-130			

## LCS (2122010-BS2)

Prepared: 05/26/21 Analyzed: 05/26/21

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.5	70-130			

## Matrix Spike (2122010-MS2)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/26/21

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

## Matrix Spike Dup (2122010-MSD2)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/26/21

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	0.477	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.4	70-130			





## QC Summary Data

Logos Resources	Project Name:	Quinella 2 - pipeline	Reported:
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	5/28/2021 1:27:35PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2122009-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.0		50.0		90.0	50-200			

## LCS (2122009-BS1)

Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	505	25.0	500		101	38-132			
Surrogate: n-Nonane	45.9		50.0		91.8	50-200			

## Matrix Spike (2122009-MS1)

Source: E105046-03 Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	508	25.0	500	ND	102	38-132			
Surrogate: n-Nonane	46.1		50.0		92.2	50-200			

## Matrix Spike Dup (2122009-MSD1)

Source: E105046-03 Prepared: 05/26/21 Analyzed: 05/26/21

Diesel Range Organics (C10-C28)	513	25.0	500	ND	103	38-132	0.994	20	
Surrogate: n-Nonane	47.3		50.0		94.7	50-200			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2 - pipeline	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0114	
Farmington NM, 87401	Project Manager:	Bryan Lovato	5/28/2021 1:27:35PM

## Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2122012-BLK1)

Prepared: 05/26/21 Analyzed: 05/26/21

Chloride ND 20.0

## LCS (2122012-BS1)

Prepared: 05/26/21 Analyzed: 05/26/21

Chloride 251 20.0 250 100 90-110

## Matrix Spike (2122012-MS1)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/27/21

Chloride 2370 20.0 250 1980 152 80-120 M2

## Matrix Spike Dup (2122012-MSD1)

Source: E105046-01 Prepared: 05/26/21 Analyzed: 05/27/21

Chloride 2240 20.0 250 1980 101 80-120 5.57 20

## QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Logos Resources	Project Name:	Quinella 2 - pipeline	
2010 Afton Place	Project Number:	12035-0114	Reported:
Farmington NM, 87401	Project Manager:	Bryan Lovato	05/28/21 13:27

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





## Project Information

## Chain of Custody

Client: <b>LOGOS Resources II, LLC</b>					Bill To					Lab Use Only					TAT		EPA Program												
Project: <b>Quinella 2 - pipeline</b>					Attention: Bryan Lovato					Lab WO#		Job Number			1D	3D	RCRA	CWA	SDWA										
Project Manager: Bryan Lovato					Address: 2010 Afton Place					P E105050		12035-0114			X														
Address: 2010 Afton Place					City, State, Zip Farmington NM 87401					AM 5/26/21		Analysis and Method			State														
City, State, Zip Farmington, NM 87401					Phone: 505-324-4145					DRO/ORO by 8015		GRO/DRO by 8015		BTX by 8021		VOC by 8260		Metals 6010		Chloride 300.0		NM		CO		UT		AZ	
Phone: 505-320-6909					Email: <a href="mailto:tsessions@logosresourcesllc.com">tsessions@logosresourcesllc.com</a>																	TX		OK					
Email: <a href="mailto:blovato@logosresourcesllc.com">blovato@logosresourcesllc.com</a>					<a href="mailto:mflorez@logosresourcesllc.com">mflorez@logosresourcesllc.com</a>																								
Report due by:																													
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0																		
10:00a	5/26/21	S	1-4oz jar	SB-1 at base	1	X	X	X			X																		
10:00a	5/26/21	S	1-4oz jar	SB-2 at base	2	X	X	X			X																		
10:00a	5/26/21	S	1-4oz jar	SB-3 at base	3	X	X	X			X																		
10:00a	5/26/21	S	1-4oz jar	SB-4 at base	4	X	X	X			X																		
10:00a	5/26/21	S	1-4oz jar	SB-1 at wall	5	X	X	X			X																		
10:00a	5/26/21	S	1-4oz jar	SB-2 at wall	6	X	X	X			X																		
10:00a	5/26/21	S	1-4oz jar	SB-3 at wall	7	X	X	X			X																		
10:00a	5/26/21	S	1-4oz jar	SB-4 at wall	8	X	X	X			X																		
Additional Instructions:																													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Jason Meechan</u>														Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.															
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only																	
<u>[Signature]</u>		5/26/21		1:41pm		<u>[Signature]</u>		5/26/21		13:45		Received on ice: Y <u>(N)</u>																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 <u>13.9</u> T2 <u>14.6</u> T3 <u>15.8</u>																	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C <u>14.8</u>																	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other														Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA															
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																													

<b>Client: LOGOS Resources II, LLC</b>				<b>Bill To</b>				<b>Lab Use Only</b>				<b>TAT</b>		<b>EPA Program</b>			
<b>Project: Quinella 2 - pipeline</b>				<b>Attention: Bryan Lovato</b>				<b>Lab WO#</b>		<b>Job Number</b>		<b>1D</b>	<b>3D</b>	<b>RCRA</b>	<b>CWA</b>	<b>SDWA</b>	
<b>Project Manager: Bryan Lovato</b>				<b>Address: 2010 Afton Place</b>				<b>PE105050</b>		<b>12035-0114</b>		<b>X</b>					
<b>Address: 2010 Afton Place</b>				<b>City, State, Zip Farmington NM 87401</b>				<b>AM 5/26/21</b>		<b>Analysis and Method</b>				<b>State</b>			
<b>City, State, Zip Farmington, NM 87401</b>				<b>Phone: 505-320-4145</b>				<b>DRO/ORO by 8015</b>	<b>GRO/DRO by 8015</b>	<b>BTEX by 8021</b>	<b>VOC by 8260</b>	<b>Metals 6010</b>	<b>Chloride 300.0</b>				
<b>Phone: 505-320-6909</b>				<b>Email:</b>													
<b>Email: blovato@logosresourcesllc.com</b>				<b>tsessions@logosresourcesllc.com</b>													
<b>Report due by:</b>				<b>mflorez@logosresourcesllc.com</b>													
<b>Time Sampled</b>	<b>Date Sampled</b>	<b>Matrix</b>	<b>No Containers</b>	<b>Sample ID</b>	<b>Lab Number</b>												
10:00a	5/26/21	S	1-4oz jar	Sector 1 at 8'	9		X	X	X			X					
10:00a	5/26/21	S	1-4oz jar	Sector 2 at 2'	10		X	X	X			X					
10:00a	5/26/21	S	1-4oz jar	Sector 4 at 6"	11		X	X	X			X					
<b>Additional Instructions:</b>																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Jason Meehan</u>												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only									
<u>[Signature]</u>		5/26/21	1:41 pm	<u>[Signature]</u>		5/26/21	13:45	Received on ice: Y <u>(N)</u>									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 <u>13.9</u> T2 <u>14.6</u> T3 <u>15.8</u>									
<u>[Signature]</u>				<u>[Signature]</u>				AVG Temp °C <u>14.8</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____							Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



## Envirotech Analytical Laboratory

Printed: 5/26/2021 2:00:57PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Logos Resources	Date Received:	05/26/21 13:45	Work Order ID:	E105050
Phone:	(505) 320-6909	Date Logged In:	05/26/21 13:53	Logged In By:	Alexa Michaels
Email:	blovato@logosresourcesllc.com	Due Date:	05/27/21 17:00 (1 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Jason Meechan**Comments/Resolution**

email- blovato,  
tsessions,mflorez@logosresources.com

**Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

**Sample Cooler**

7. Was a sample cooler received? No
8. If yes, was cooler received in good condition? NA
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C No

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 14.8°C

**Sample Container**

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

**Field Label**

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? No
  - Collectors name? No

**Sample Preservation**

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

**Multiphase Sample Matrix**

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

**Subcontract Laboratory**

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

**Client Instruction**

email- blovato, tsessions,mflorez@logosresources.com

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



**From:** [Marie Florez](#)  
**To:** [Smith, Cory, EMNRD](#); [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); [Adeloye, Abiodun A](#)  
**Cc:** [Joyner, Ryan N](#); [Bryan Lovato](#); [Tamra Sessions](#); [Etta Trujillo](#); [Jason Meechan](#); [Robert Bixler](#); [Marcia Brueggenjohann](#)  
**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Final Confirmation sample - UPDATE  
**Date:** Thursday, May 27, 2021 2:30:00 PM

---

The results are still above OCD content level, LOGOS will continue to remediate this location. We will schedule another Final confirmation sample later.

Thanks,

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez  
**Sent:** Tuesday, May 25, 2021 7:06 AM  
**To:** Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Neil.Haws@duganproduction.com; nvalenzuela@djrlc.com; Adeloye, Abiodun A <aadeloye@blm.gov>  
**Cc:** Joyner, Ryan N <rjoyner@blm.gov>; Bryan Lovato <blovato@logosresourcesllc.com>; Tamra Sessions <tsessions@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Jason Meechan <jmeechan@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Marcia Brueggenjohann <mbrueggenjohann@logosresourcesllc.com>  
**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Final Confirmation sample

LOGOS is notifying OCD (one) business days prior to conducting final sampling on the following well.

Date: May 26, 2021 (Wednesday)

Time: 10:00pm

Incident # nCS2034632180.

Surface: Federal

API: 30-043-20945

Well Name: Quinella 2

Section: 31

Township: 23N

Range: 6W

Unit Letter: F

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>  
**Sent:** Friday, May 14, 2021 12:24 PM  
**To:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com);  
[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeleye, Abiodun A <[aadeleye@blm.gov](mailto:aadeleye@blm.gov)>  
**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>  
**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin

Marie,

Thank you for the notification, please remediate /sample per 19.15.29 NMAC.

If you have any additional questions please give me a call.

OCD Approval does not relieve Logos of any other requirements imposed by other regulatory agencies.

**Cory Smith** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>  
**Sent:** Thursday, May 13, 2021 3:39 PM  
**To:** [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeleye, Abiodun A <[aadeleye@blm.gov](mailto:aadeleye@blm.gov)>  
**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>  
**Subject:** [EXT] Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin  
**Importance:** High

**LOGOS will begin remediation on Monday May 17, 2021 per C141 incident # nCS2034632180.**

**The actual incident occurred on the Quinella 1 but is plugged and abandon, so LOGOS is filing and**

submitting all documentation under the Quinella 2.

Contact: Jason Meechan 505-486-2612

Incident # nCS2034632180.

Surface: Federal (BLM)

API: 30-043-20077

Well Name: Quinella 1 – Plug and Abandon

Section: 31

Township:23N

Range: 6W

Unit Letter: D

Lat: 36.1871223

Long: -107.514473 NAD 83

API: 30-043-20945

Well Name: Quinella 2

Section: 31

Township:23N

Range: 6W

Unit Letter: F

If you have any questions or concerns, please let us know.

Thanks,

*Marie E. Florez*

Regulatory Specialist

Cell: 505-419-8420

Office: 505-787-2218

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)





Report to:  
Tami Knight



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Logos Resources

Project Name: Quinella 2

Work Order: E106048

Job Number: 12035-0169

Received: 6/21/2021

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
6/23/21

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/23/21

Tami Knight  
2010 Afton Place  
Farmington, NM 87401



Project Name: Quinella 2  
Workorder: E106048  
Date Received: 6/21/2021 6:18:00PM

Tami Knight,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/21/2021 6:18:00PM, under the Project Name: Quinella 2.

The analytical test results summarized in this report with the Project Name: Quinella 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Tom Brown**  
Technical Representative  
Cell: 832-444-7704  
[tbrown@envirotech-inc.com](mailto:tbrown@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	06/23/21 13:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1	E106048-01A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-01B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-2	E106048-02A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-02B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-3	E106048-03A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-03B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-4	E106048-04A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-04B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-6	E106048-05A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-05B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-7	E106048-06A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-06B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-8	E106048-07A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-9	E106048-08A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-08B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-10	E106048-09A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-09B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-11	E106048-10A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-10B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-12	E106048-11A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-11B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-13	E106048-12A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-12B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-14	E106048-13A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-15	E106048-14A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-16	E106048-15A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
	E106048-15B	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-17	E106048-16A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-18	E106048-17A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-19	E106048-18A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-20	E106048-19A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-21	E106048-20A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-22	E106048-21A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-23	E106048-22A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-24	E106048-23A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-25	E106048-24A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-25B	E106048-25A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-26	E106048-26A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-26B	E106048-27A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-27B	E106048-28A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-28	E106048-29A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.





## Sample Summary

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	06/23/21 13:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-28B	E106048-30A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-29	E106048-31A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-30B	E106048-32A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-31	E106048-33A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-27	E106048-34A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-29B	E106048-35A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-30	E106048-36A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-33	E106048-37A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-34	E106048-38A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-40	E106048-39A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-41	E106048-40A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-42	E106048-41A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-43	E106048-42A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-44	E106048-43A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-45	E106048-44A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-32	E106048-45A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-35	E106048-46A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-36	E106048-47A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-37	E106048-48A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-37B	E106048-49A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.
CS-38	E106048-50A	Soil	06/21/21	06/21/21	Glass Jar, 4 oz.



## Sample Data

Logos Resources 2010 Afton Place Farmington NM, 87401	Project Name: Quinella 2 Project Number: 12035-0169 Project Manager: Tami Knight	Reported: 6/23/2021 1:16:06PM
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## CS-1

## E106048-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	91.7 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	98.4 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	91.7 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	98.4 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	4490	250	10	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	2860	500	10	06/22/21	06/22/21	
Surrogate: n-Nonane	136 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	25.5	20.0	1	06/21/21	06/21/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-2

## E106048-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	97.9 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	92.5 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	97.9 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	150	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	183	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	88.6 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	49.2	40.0	2	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-3

## E106048-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	99.5 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	94.8 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	99.5 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	46.2	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	88.5 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	81.9	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-4

## E106048-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	98.0 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	98.0 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	75.3 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	44.6	40.0	2	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-6

## E106048-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	97.0 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	93.7 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	97.0 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	39.9	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	85.5	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	83.2 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	110	100	5	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-7

## E106048-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	100 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	95.3 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	100 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	50.4	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	81.0 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	163	100	5	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-8

## E106048-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	98.5 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
Surrogate: Bromofluorobenzene	94.2 %	70-130		06/21/21	06/21/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/21/21	06/21/21	
Surrogate: Toluene-d8	98.5 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	120	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	187	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	113 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	30.0	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-9

## E106048-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	98.9 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	98.9 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	83.7 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	ND	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-10

## E106048-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.6 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	86.0	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	69.3	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	86.2 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	55.3	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-11

## E106048-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	98.9 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	96.3 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	98.9 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	81.2 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	58.7	40.0	2	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-12

## E106048-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.5 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	93.6 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.5 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	97.7 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	158	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-13

## E106048-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	96.7 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	96.7 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	91.9 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	71.2	40.0	2	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-14

## E106048-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	102 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.1 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	102 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	98.6 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	ND	40.0	2	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-15

## E106048-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.5 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.3 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.5 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	58.0	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	67.3	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	96.4 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	ND	40.0	2	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-16

## E106048-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.0 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	93.4 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.0 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	81.6	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	112	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	101 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	94.1	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-17

## E106048-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.0 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.5 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.0 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	284	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	128	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	100 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-18

## E106048-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	97.0 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	105 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	32.3	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-19

## E106048-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.9 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.9 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	101 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	56.1	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-20

## E106048-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.1 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	94.4 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	99.1 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	101 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	49.7	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-21

## E106048-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	95.2 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2126011
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
Surrogate: Bromofluorobenzene	95.2 %	70-130		06/21/21	06/22/21	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		06/21/21	06/22/21	
Surrogate: Toluene-d8	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126014
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
Surrogate: n-Nonane	102 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126012
Chloride	63.6	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-22

## E106048-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	96.5 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	66.1	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-23

## E106048-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	99.7 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	59.2	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-24

## E106048-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.1 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.4 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	107	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-25

## E106048-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.6 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-25B

## E106048-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	22.2	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-26

## E106048-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-26B

## E106048-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-27B

## E106048-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/21/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/21/21	
Toluene	ND	0.0250	1	06/21/21	06/21/21	
o-Xylene	ND	0.0250	1	06/21/21	06/21/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/21/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		06/21/21	06/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	102	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	30.7	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-28

## E106048-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.8 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	41.9	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-28B

## E106048-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	32.7	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	136	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-29

## E106048-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	67.8	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-30B

## E106048-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.6 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-31

## E106048-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

CS-27

E106048-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-29B

## E106048-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2126010	
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.2 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2126010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.1 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2126015	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>	103 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2126013	
Chloride	ND	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-30

## E106048-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.8 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-33

## E106048-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.2 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-34

## E106048-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	94.4 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-40

## E106048-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	154	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	197	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	46.4	40.0	2	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-41

## E106048-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Benzene	ND	0.0250	1	06/21/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/21/21	06/22/21	
Toluene	ND	0.0250	1	06/21/21	06/22/21	
o-Xylene	ND	0.0250	1	06/21/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/21/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/21/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126010
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/21/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.7 %	70-130		06/21/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126015
Diesel Range Organics (C10-C28)	74.6	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	89.9	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	93.3 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126013
Chloride	ND	20.0	1	06/21/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

CS-42

E106048-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2126017	
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.1 %	70-130	06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2126017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2126016	
Diesel Range Organics (C10-C28)	31.0	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	67.2	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>		79.2 %	50-200	06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2126007	
Chloride	ND	20.0	1	06/22/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-43

## E106048-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126016
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126007
Chloride	ND	20.0	1	06/22/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-44

## E106048-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126016
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	97.8 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126007
Chloride	ND	20.0	1	06/22/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-45

## E106048-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.7 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126016
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126007
Chloride	26.8	20.0	1	06/22/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-32

## E106048-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.8 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126016
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	57.6	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126007
Chloride	ND	20.0	1	06/22/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-35

## E106048-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126016
Diesel Range Organics (C10-C28)	ND	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	52.8	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126007
Chloride	ND	20.0	1	06/22/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-36

## E106048-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2126017	
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.7 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2126017	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.8 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2126016	
Diesel Range Organics (C10-C28)	56.6	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	104	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>	104 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2126007	
Chloride	85.8	20.0	1	06/22/21	06/22/21	





## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

CS-37

E106048-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.3 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126016
Diesel Range Organics (C10-C28)	49.2	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	97.0	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126007
Chloride	38.5	20.0	1	06/22/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-37B

## E106048-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126016
Diesel Range Organics (C10-C28)	169	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	192	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126007
Chloride	52.1	40.0	2	06/22/21	06/22/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Tami Knight

**Reported:**  
6/23/2021 1:16:06PM

## CS-38

## E106048-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Benzene	ND	0.0250	1	06/22/21	06/22/21	
Ethylbenzene	ND	0.0250	1	06/22/21	06/22/21	
Toluene	ND	0.0250	1	06/22/21	06/22/21	
o-Xylene	ND	0.0250	1	06/22/21	06/22/21	
p,m-Xylene	ND	0.0500	1	06/22/21	06/22/21	
Total Xylenes	ND	0.0250	1	06/22/21	06/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2126017
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/22/21	06/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		06/22/21	06/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2126016
Diesel Range Organics (C10-C28)	70.5	25.0	1	06/22/21	06/22/21	
Oil Range Organics (C28-C36)	110	50.0	1	06/22/21	06/22/21	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		06/22/21	06/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2126007
Chloride	43.0	20.0	1	06/22/21	06/22/21	



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126011-BLK1)

Prepared: 06/21/21 Analyzed: 06/22/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

## LCS (2126011-BS1)

Prepared: 06/21/21 Analyzed: 06/22/21

Benzene	2.60	0.0250	2.50		104	70-130			
Ethylbenzene	2.56	0.0250	2.50		102	70-130			
Toluene	2.52	0.0250	2.50		101	70-130			
o-Xylene	2.47	0.0250	2.50		98.7	70-130			
p,m-Xylene	5.02	0.0500	5.00		100	70-130			
Total Xylenes	7.49	0.0250	7.50		99.9	70-130			
Surrogate: Bromofluorobenzene	0.463		0.500		92.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

## Matrix Spike (2126011-MS1)

Source: E106048-01 Prepared: 06/21/21 Analyzed: 06/22/21

Benzene	2.64	0.0250	2.50	ND	106	48-131			
Ethylbenzene	2.59	0.0250	2.50	ND	104	45-135			
Toluene	2.55	0.0250	2.50	ND	102	48-130			
o-Xylene	2.49	0.0250	2.50	ND	99.7	43-135			
p,m-Xylene	5.08	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.57	0.0250	7.50	ND	101	43-135			
Surrogate: Bromofluorobenzene	0.467		0.500		93.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			

## Matrix Spike Dup (2126011-MSD1)

Source: E106048-01 Prepared: 06/21/21 Analyzed: 06/22/21

Benzene	2.20	0.0250	2.50	ND	87.8	48-131	18.4	23	
Ethylbenzene	2.19	0.0250	2.50	ND	87.7	45-135	16.7	27	
Toluene	2.13	0.0250	2.50	ND	85.4	48-130	17.8	24	
o-Xylene	2.12	0.0250	2.50	ND	84.8	43-135	16.2	27	
p,m-Xylene	4.29	0.0500	5.00	ND	85.9	43-135	16.8	27	
Total Xylenes	6.41	0.0250	7.50	ND	85.5	43-135	16.6	27	
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			





## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126010-BLK1)

Prepared: 06/21/21 Analyzed: 06/22/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

## LCS (2126010-BS1)

Prepared: 06/21/21 Analyzed: 06/22/21

Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.84	0.0250	5.00		96.7	70-130			
o-Xylene	4.82	0.0250	5.00		96.4	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.3	0.0250	15.0		95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

## Matrix Spike (2126010-MS1)

Source: E106048-21 Prepared: 06/21/21 Analyzed: 06/22/21

Benzene	4.60	0.0250	5.00	ND	92.0	54-133			
Ethylbenzene	4.65	0.0250	5.00	ND	92.9	61-133			
Toluene	4.82	0.0250	5.00	ND	96.4	61-130			
o-Xylene	4.79	0.0250	5.00	ND	95.9	63-131			
p,m-Xylene	9.43	0.0500	10.0	ND	94.3	63-131			
Total Xylenes	14.2	0.0250	15.0	ND	94.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

## Matrix Spike Dup (2126010-MSD1)

Source: E106048-21 Prepared: 06/21/21 Analyzed: 06/22/21

Benzene	4.73	0.0250	5.00	ND	94.7	54-133	2.86	20	
Ethylbenzene	4.76	0.0250	5.00	ND	95.2	61-133	2.40	20	
Toluene	4.94	0.0250	5.00	ND	98.9	61-130	2.54	20	
o-Xylene	4.91	0.0250	5.00	ND	98.2	63-131	2.40	20	
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	63-131	2.35	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.1	63-131	2.37	20	
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126017-BLK1)

Prepared: 06/22/21 Analyzed: 06/22/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

## LCS (2126017-BS1)

Prepared: 06/22/21 Analyzed: 06/22/21

Benzene	4.57	0.0250	5.00		91.4	70-130			
Ethylbenzene	4.72	0.0250	5.00		94.5	70-130			
Toluene	4.87	0.0250	5.00		97.3	70-130			
o-Xylene	4.87	0.0250	5.00		97.4	70-130			
p,m-Xylene	9.60	0.0500	10.0		96.0	70-130			
Total Xylenes	14.5	0.0250	15.0		96.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

## Matrix Spike (2126017-MS1)

Source: E106048-41 Prepared: 06/22/21 Analyzed: 06/22/21

Benzene	4.46	0.0250	5.00	ND	89.2	54-133			
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	61-133			
Toluene	4.83	0.0250	5.00	ND	96.6	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.3	63-131			
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			

## Matrix Spike Dup (2126017-MSD1)

Source: E106048-41 Prepared: 06/22/21 Analyzed: 06/22/21

Benzene	4.53	0.0250	5.00	ND	90.6	54-133	1.53	20	
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	61-133	1.30	20	
Toluene	4.88	0.0250	5.00	ND	97.7	61-130	1.06	20	
o-Xylene	4.93	0.0250	5.00	ND	98.5	63-131	1.28	20	
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131	1.29	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.6	63-131	1.29	20	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126010-BLK1)

Prepared: 06/21/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			

## LCS (2126010-BS2)

Prepared: 06/21/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.12		8.00		102	70-130			

## Matrix Spike (2126010-MS2)

Source: E106048-21 Prepared: 06/21/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			

## Matrix Spike Dup (2126010-MSD2)

Source: E106048-21 Prepared: 06/21/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.7	70-130	3.92	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126011-BLK1)

Prepared: 06/21/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.468		0.500		93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			

## LCS (2126011-BS2)

Prepared: 06/21/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		89.9	70-130			
Surrogate: Bromofluorobenzene	0.462		0.500		92.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.495		0.500		98.9	70-130			

## Matrix Spike (2126011-MS2)

Source: E106048-01 Prepared: 06/21/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	60.9	20.0	50.0	ND	122	70-130			
Surrogate: Bromofluorobenzene	0.461		0.500		92.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

## Matrix Spike Dup (2126011-MSD2)

Source: E106048-01 Prepared: 06/21/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	55.4	20.0	50.0	ND	111	70-130	9.51	20	
Surrogate: Bromofluorobenzene	0.471		0.500		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			





## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126017-BLK1)

Prepared: 06/22/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.26		8.00		103	70-130			

## LCS (2126017-BS2)

Prepared: 06/22/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.32		8.00		104	70-130			

## Matrix Spike (2126017-MS2)

Source: E106048-41 Prepared: 06/22/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.17		8.00		102	70-130			

## Matrix Spike Dup (2126017-MSD2)

Source: E106048-41 Prepared: 06/22/21 Analyzed: 06/22/21

Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130	3.23	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		106	70-130			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126014-BLK1)

Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	52.8		50.0		106	50-200			

## LCS (2126014-BS1)

Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	480	25.0	500		96.1	38-132			
Surrogate: <i>n</i> -Nonane	51.9		50.0		104	50-200			

## Matrix Spike (2126014-MS1)

Source: E106048-12 Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	491	25.0	500	ND	98.2	38-132			
Surrogate: <i>n</i> -Nonane	54.6		50.0		109	50-200			

## Matrix Spike Dup (2126014-MSD1)

Source: E106048-12 Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	499	25.0	500	ND	99.7	38-132	1.57	20	
Surrogate: <i>n</i> -Nonane	53.8		50.0		108	50-200			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126015-BLK1)

Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	52.9		50.0		106	50-200			

## LCS (2126015-BS1)

Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	478	25.0	500		95.6	38-132			
Surrogate: <i>n</i> -Nonane	51.0		50.0		102	50-200			

## Matrix Spike (2126015-MS1)

Source: E106048-29 Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	494	25.0	500	ND	98.8	38-132			
Surrogate: <i>n</i> -Nonane	53.6		50.0		107	50-200			

## Matrix Spike Dup (2126015-MSD1)

Source: E106048-29 Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	494	25.0	500	ND	98.8	38-132	0.0353	20	
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	50-200			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126016-BLK1)

Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.6		50.0		113	50-200			

## LCS (2126016-BS1)

Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	487	25.0	500		97.4	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			

## Matrix Spike (2126016-MS1)

Source: E106048-43 Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	502	25.0	500	ND	100	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

## Matrix Spike Dup (2126016-MSD1)

Source: E106048-43 Prepared: 06/22/21 Analyzed: 06/22/21

Diesel Range Organics (C10-C28)	495	25.0	500	ND	99.1	38-132	1.38	20	
Surrogate: n-Nonane	54.2		50.0		108	50-200			





## QC Summary Data

Logos Resources	Project Name:	Quinella 2	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126007-BLK1)

Prepared: 06/21/21 Analyzed: 06/22/21

Chloride ND 20.0

## LCS (2126007-BS1)

Prepared: 06/21/21 Analyzed: 06/22/21

Chloride 247 20.0 250 98.8 90-110

## Matrix Spike (2126007-MS1)

Source: E106043-01 Prepared: 06/21/21 Analyzed: 06/22/21

Chloride 265 20.0 250 22.5 96.8 80-120

## Matrix Spike Dup (2126007-MSD1)

Source: E106043-01 Prepared: 06/21/21 Analyzed: 06/22/21

Chloride 268 20.0 250 22.5 98.3 80-120 1.39 20



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2126012-BLK1)

Prepared: 06/21/21 Analyzed: 06/21/21

Chloride ND 20.0

## LCS (2126012-BS1)

Prepared: 06/21/21 Analyzed: 06/21/21

Chloride 247 20.0 250 99.0 90-110

## Matrix Spike (2126012-MS1)

Source: E106048-01 Prepared: 06/21/21 Analyzed: 06/21/21

Chloride 262 20.0 250 25.5 94.5 80-120

## Matrix Spike Dup (2126012-MSD1)

Source: E106048-01 Prepared: 06/21/21 Analyzed: 06/21/21

Chloride 271 20.0 250 25.5 98.1 80-120 3.35 20



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Tami Knight	6/23/2021 1:16:06PM

## Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

## Blank (2126013-BLK1)

Prepared: 06/21/21 Analyzed: 06/22/21

Chloride	ND	20.0							
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## LCS (2126013-BS1)

Prepared: 06/21/21 Analyzed: 06/22/21

Chloride	246	20.0	250		98.4	90-110			
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## Matrix Spike (2126013-MS1)

Source: E106048-21 Prepared: 06/21/21 Analyzed: 06/22/21

Chloride	312	20.0	250	66.1	98.3	80-120			
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## Matrix Spike Dup (2126013-MSD1)

Source: E106048-21 Prepared: 06/21/21 Analyzed: 06/22/21

Chloride	315	20.0	250	66.1	99.5	80-120	0.929	20	
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## QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Logos Resources	Project Name:	Quinella 2	
2010 Afton Place	Project Number:	12035-0169	Reported:
Farmington NM, 87401	Project Manager:	Tami Knight	06/23/21 13:16

- ND      Analyte NOT DETECTED at or above the reporting limit
- NR      Not Reported
- RPD      Relative Percent Difference
- DNI      Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



# 1- DAY TAT





1 DAY TAT

## Project Information

## Chain of Custody

Page 2 of 5

Client: <u>Logos</u>					Bill To		Lab Use Only				TAT				EPA Program		
Project: <u>Pinella 2</u>					Attention:		Lab WO# <u>E106048</u>		Job Number <u>12035-0169</u>		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: <u>T Knight</u>					Address:		Analysis and Method										RCRA
Address:					City, State, Zip												RCRA
City, State, Zip					Phone:		State										
Phone:					Email:												NM
Email: <u>karagan, tknight, bhall</u>							Remarks										
Report due by:																	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
1116	6/21/21	S	2	CS-12	11	X	X	X		X							
1121	6/21/21	S	2	CS-13	12	X	X	X		X							
1124	6/21/21	S	1	CS-14	13	X	X	X		X							
1126	6/21/21	S	1	CS-15	14	X	X	X		X							
1128	6/21/21	S	2	CS-16	15	X	X	X		X							
1132	6/21/21	S	1	CS-17	16	X	X	X		X							
1137	6/21/21	S	1	CS-18	17	X	X	X		X							
1240	6/21/21	S	1	CS-19	18	X	X	X		X							
1245	6/21/21	S	1	CS-20	19	X	X	X		X							
1247	6/21/21	S	1	CS-21	20	X	X	X		X							
Additional Instructions:																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.							
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>							
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time								
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	

## Project Information

## Chain of Custody

Page 2 of 5



1 DAY TAT

## Project Information

Chain of Custody

Page 3 of 5

Client: <u>Logos</u>					Bill To					Lab Use Only					TAT				EPA Program															
Project: <u>T. Knight Quinella</u>					Attention:					Lab WO# <u>E106050</u>					Job Number <u>12035 0169</u>				1D	2D	3D	Standard	CWA	SDWA										
Project Manager: <u>T. Knight</u>					Address:					<u>E106048</u>					Analysis and Method <u>Am 6/22</u>																			
Address:					City, State, Zip					DRO/ORO by 8015					GRO/DRO by 8015				BTEX by 8021				VOC by 8260				Metals 6010				Chloride 300.0			
City, State, Zip					Phone:																													
Phone:					Email:																													
Email: <u>aragon, knight, hall, sánchez</u>																																		
Report due by:																																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks																												
1249	6/21/21	S	1	CS-22	21	X X X																												
1251	6/21/21	S	1	CS-23	22	X X X																												
1253	6/21/21	S	1	CS-24	23	X X X																												
1504	6/21/21	S	1	CS-25	24	X X X																												
1505	6/21/21	S	1	CS-25B	25	X X X																												
1506	6/21/21	S	1	CS-26	26	X X X																												
1507	6/21/21	S	1	CS-26B	27	X X X																												
1508	6/21/21	S	1	CS-27B	28	X X X																												
1510	6/21/21	S	1	CS-28	29	X X X																												
1511	6/21/21	S	1	CS-28B	30	X X X																												
Additional Instructions:																																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																			
Relinquished by: (Signature) <u>KL</u>					Date <u>6-21-21</u>		Time <u>18:19</u>		Received by: (Signature) <u>Thorne</u>					Date <u>6-21-21</u>		Time <u>18:19</u>		Lab Use Only																
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		Received on ice: <u>Y</u> / N																
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		T1 _____ T2 _____ T3 _____																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____															Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																		



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## Chain of Custody

# 1- DAY TAT

Client: <u>Loops</u>		Bill To		Lab Use Only				TAT				EPA Program			
Project: <u>Wynne 2</u>		Attention:		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: <u>T. Knight</u>		Address:		<del>E106048</del>		<u>12035-0169</u>		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			
Address:		City, State, Zip		<u>E106048</u>		Analysis and Method		<u>AM 6/22</u>					RCRA		
City, State, Zip		Phone:													
Phone:		Email:													
Email: <u>aragon, knight hall</u>															
Report due by:															
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	State			
												NM	CO		
												UT	AZ		
												TX			
												Remarks			
1512	6/21/21	S	1	CS-29	31	X	X	X			X				
1515	6/21/21	S	1	CS-30B	32	X	X	X			X				
1516	6/21/21	S	1	CS-31	33	X	X	X			X				
1508	6/21/21	S	1	CS-27	34	X	X	X			X				
1513	6/21/21	S	1	CS-29B	35	X	X	X			X				
1514	6/21/21	S	1	CS-30	36	X	X	X			X				
1518	6/21/21	S	1	CS-33	37	X	X	X			X				
1519	6/21/21	S	1	CS-34	38	X	X	X			X				
1524	6/21/21	S	1	CS-40	39	X	X	X			X				
1525	6/21/21	S	1	CS-41	40	X	X	X			X				
Additional Instructions:															
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only							
<u>[Signature]</u>		6-21-21	18:17	<u>[Signature]</u>		6/21/21	18:12	Received on ice: <input checked="" type="checkbox"/> N							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															



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1- DAY TAT

## Project Information

## Chain of Custody

Page 5 of 5

Client: <u>LOGOS</u>					Bill To					Lab Use Only					TAT				EPA Program								
Project: <u>QUINELLA 2</u>					Attention:					Lab WO# <u>E100051</u>					Job Number <u>12035-0169</u>				1D	2D	3D	Standard	CWA	SDWA			
Project Manager: <u>TKNIGHT</u>					Address:					<u>E100048</u>					Analysis and Method <u>Am 6/22</u>												
Address:					City, State, Zip																						
City, State, Zip					Phone:																						
Phone:					Email:																						
Email: <u>aragon, knight, hall</u>																											
Report due by:																											
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0																
1526	6-21-21	S	1	CS-42	41	X	X	X			X																
1527				CS-43	42	X	X	X			X																
1528				CS-44	43	X	X	X			X																
1529				CS-45	44	X	X	X			X																
1517				CS-32	45	X	X	X			X																
1520				CS-35	46	X	X	X			X																
1521				CS-36	47	X	X	X			X																
1521				CS-37	48	X	X	X			X																
1523				CS-37B	49	X	X	X			X																
1522				CS-38	50	X	X	X			X																
Additional Instructions:																											
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.												
Relinquished by: (Signature) <u>KL</u>					Date <u>6-21-21</u>		Time <u>18:17</u>		Received by: (Signature) <u>[Signature]</u>					Date <u>6-21-21</u>		Time <u>18:17</u>		Lab Use Only									
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		Received on ice: <u>(Y) / N</u>									
Relinquished by: (Signature)					Date		Time		Received by: (Signature)					Date		Time		T1 _____ T2 _____ T3 _____									
																		AVG Temp °C <u>4</u>									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____															Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA												
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																											



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## Envirotech Analytical Laboratory

Printed: 6/22/2021 10:02:34AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Logos Resources	Date Received:	06/21/21 18:18	Work Order ID:	E106048
Phone:	(505) 320-2896	Date Logged In:	06/21/21 17:46	Logged In By:	Jessica Liesse
Email:	tknight@envirotech-inc.com	Due Date:	06/23/21 17:00 (1 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Kholeton Sanchez**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

**Sample Cooler**

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

**Field Label**

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

**Sample Preservation**

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

**Multiphase Sample Matrix**

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

**Subcontract Laboratory**

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date



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**From:** [Marie Florez](#)  
**To:** [Adeloye, Abiodun A](#); [Smith, Cory, EMNRD](#); [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); [Felipe Aragon](#); [Tami Knight](#)  
**Cc:** [Joyner, Ryan N](#); [Bryan Lovato](#); [Etta Trujillo](#); [Jason Meechan](#); [Robert Bixler](#); [Marcia Brueggenjohann](#)  
**Subject:** RE: [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample UPDATE  
**Date:** Monday, July 19, 2021 6:03:00 PM

---

LOGOS is notifying OCD (two) business days prior to conducting final sampling on the following well.

Date: July 21, 2021 (Wednesday)

Time: 09:00pm

**Incident # nCS2034632180.**

**Surface: Federal**

**API: 30-043-20945**

**Well Name: Quinella 2**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: F**

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Adeloye, Abiodun A <aadeloye@blm.gov>

**Sent:** Wednesday, June 23, 2021 9:12 AM

**To:** Marie Florez <mflorez@logosresourcesllc.com>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Neil.Haws@duganproduction.com; nvalenzuela@djrlc.com; Felipe Aragon <faragon@envirotech-inc.com>; Tami Knight <TKnight@envirotech-inc.com>

**Cc:** Joyner, Ryan N <rjoyner@blm.gov>; Bryan Lovato <blovato@logosresourcesllc.com>; Tamra Sessions <tsessions@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Jason Meechan <jmeechan@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Marcia Brueggenjohann <mbrueggenjohann@logosresourcesllc.com>

**Subject:** Re: [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample UPDATE

Thank you Florez for the updates.

**Abiodun Adeloye (Emmanuel), NRS**

*Bureau of Land Management*

*Farmington Field Office*

6251 College Blvd., Suite A  
Farmington, NM 87402  
Office Phone: 505-564-7665  
Cell Phone: 505-635-0984

---

**From:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>

**Sent:** Wednesday, June 23, 2021 9:07 AM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Neil.Haws@duganproduction.com <[Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com)>; nvalenzuela@djrlc.com <[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Felipe Aragon <[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample UPDATE

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Due to 16 out of 45 samples are still hot. LOGOS will continue to remediate at this time.

If you have any questions or concerns, please let us know.

Thanks,

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Thursday, June 17, 2021 7:51 AM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Neil.Haws@duganproduction.com <[Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com)>; nvalenzuela@djrlc.com <[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com)>; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Felipe Aragon <[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>;



Marcia Brueggenjohann <[mbrueggenjohann@logosresourcesllc.com](mailto:mbrueggenjohann@logosresourcesllc.com)>

**Subject:** Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample

**Importance:** High

LOGOS is notifying OCD (two) business days prior to conducting final sampling on the following well.

Date: June 21, 2021 (Monday)

Time: 09:00pm

**Incident # nCS2034632180.**

**Surface: Federal**

**API: 30-043-20945**

**Well Name: Quinella 2**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: F**

Thanks,

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Thursday, May 27, 2021 2:31 PM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com);  
[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeloze, Abiodun A <[aadeloze@blm.gov](mailto:aadeloze@blm.gov)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggenjohann <[mbrueggenjohann@logosresourcesllc.com](mailto:mbrueggenjohann@logosresourcesllc.com)>

**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Final Confirmation sample - UPDATE

The results are still above OCD content level, LOGOS will continue to remediate this location. We will schedule another Final confirmation sample later.

Thanks,

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Tuesday, May 25, 2021 7:06 AM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Neil.Haws@duganproduction.com;  
[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Final Confirmation sample

LOGOS is notifying OCD (one) business days prior to conducting final sampling on the following well.

Date: May 26, 2021 (Wednesday)

Time: 10:00pm

Incident # nCS2034632180.

Surface: Federal

API: 30-043-20945

Well Name: Quinella 2

Section: 31

Township:23N

Range: 6W

Unit Letter: F

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>

**Sent:** Friday, May 14, 2021 12:24 PM

**To:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>; Neil.Haws@duganproduction.com;  
[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin

Marie,

Thank you for the notification, please remediate /sample per 19.15.29 NMAC.

If you have any additional questions please give me a call.

OCD Approval does not relieve Logos of any other requirements imposed by other regulatory agencies.

**Cory Smith** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>

**Sent:** Thursday, May 13, 2021 3:39 PM

**To:** [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeloye, Abiodun A  
<[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Bryan  
Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta  
Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>;  
Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann  
<[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** [EXT] Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin

**Importance:** High

**LOGOS will begin remediation on Monday May 17, 2021 per C141 incident # nCS2034632180.**

**The actual incident occurred on the Quinella 1 but is plugged and abandon, so LOGOS is filing and submitting all documentation under the Quinella 2.**

**Contact:** Jason Meechan 505-486-2612

**Incident #** nCS2034632180.

**Surface:** Federal (BLM)

**API:** 30-043-20077

**Well Name:** Quinella 1 – Plug and Abandon

**Section:** 31

**Township:** 23N

**Range:** 6W

**Unit Letter: D**  
**Lat: 36.1871223**  
**Long: -107.514473 NAD 83**

**API: 30-043-20945**  
**Well Name: Quinella 2**  
**Section: 31**  
**Township: 23N**  
**Range: 6W**  
**Unit Letter: F**

If you have any questions or concerns, please let us know.

Thanks,

*Marie E. Florez*

Regulatory Specialist

Cell: 505-419-8420

Office: 505-787-2218

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)





Report to:  
Felipe Aragon



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Logos Operating, LLC

Project Name: Quinella 2 Confirmation Sampling

Work Order: E107043

Job Number: 12035-0169

Received: 7/21/2021

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/23/21

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/23/21

Felipe Aragon  
2010 Afton Place  
Farmington, NM 87401



Project Name: Quinella 2 Confirmation Sampling  
Workorder: E107043  
Date Received: 7/21/2021 4:50:00PM

Felipe Aragon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/21/2021 4:50:00PM, under the Project Name: Quinella 2 Confirmation Sampling.

The analytical test results summarized in this report with the Project Name: Quinella 2 Confirmation Sampling apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Tom Brown**  
Technical Representative  
Cell: 832-444-7704  
[tbrown@envirotech-inc.com](mailto:tbrown@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	07/23/21 09:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1A	E107043-01A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-01B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-1B	E107043-02A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-02B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-2A	E107043-03A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-03B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-2B	E107043-04A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-04B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-6	E107043-05A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-05B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-8	E107043-06A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-06B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-10	E107043-07A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-07B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-15	E107043-08A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-08B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-16	E107043-09A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-09B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-17	E107043-10A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-10B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-27B	E107043-11A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-11B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-28B	E107043-12A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-12B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-36	E107043-13A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-13B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-37	E107043-14A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-14B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-37B	E107043-15A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-15B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-38	E107043-16A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-16B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-40	E107043-17A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-17B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
CS-41	E107043-18A	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.
	E107043-18B	Soil	07/21/21	07/21/21	Glass Jar, 4 oz.



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-1A

## E107043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
Surrogate: 4-Bromochlorobenzene-PID	96.1 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	98.9 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	179	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	109	50.0	1	07/22/21	07/22/21	
Surrogate: n-Nonane	103 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	42.2	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-1B

## E107043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.2 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	97.9 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-2A

## E107043-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.4 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.6 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2130022	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>	94.4 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2130023	
Chloride	23.3	20.0	1	07/22/21	07/22/21	





## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-2B

## E107043-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.1 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	92.6 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	34.9	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-6

## E107043-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.8 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.6 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2130022	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>	94.3 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2130023	
Chloride	59.9	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-8

## E107043-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.9 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.2 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2130022	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>	73.3 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2130023	
Chloride	235	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-10

## E107043-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.1 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	





## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-15

## E107043-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	93.4 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	44.9	40.0	2	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-16

## E107043-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.9 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	95.2 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	40.0	2	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

CS-17

E107043-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.2 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.5 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2130022	
Diesel Range Organics (C10-C28)	123	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	84.6	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>	113 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2130023	
Chloride	20.1	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-27B

## E107043-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/21/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/21/21	
Toluene	ND	0.0250	1	07/21/21	07/21/21	
o-Xylene	ND	0.0250	1	07/21/21	07/21/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/21/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.0 %	70-130		07/21/21	07/21/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	





## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-28B

## E107043-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/22/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/22/21	
Toluene	ND	0.0250	1	07/21/21	07/22/21	
o-Xylene	ND	0.0250	1	07/21/21	07/22/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/22/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.9 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-36

## E107043-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/22/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/22/21	
Toluene	ND	0.0250	1	07/21/21	07/22/21	
o-Xylene	ND	0.0250	1	07/21/21	07/22/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/22/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.3 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	99.5 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

CS-37

E107043-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Benzene	ND	0.0250	1	07/21/21	07/22/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/22/21	
Toluene	ND	0.0250	1	07/21/21	07/22/21	
o-Xylene	ND	0.0250	1	07/21/21	07/22/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/22/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.2 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2130021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.3 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2130022	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>	100 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2130023	
Chloride	ND	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-37B

## E107043-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/22/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/22/21	
Toluene	ND	0.0250	1	07/21/21	07/22/21	
o-Xylene	ND	0.0250	1	07/21/21	07/22/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/22/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	





## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-38

## E107043-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/22/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/22/21	
Toluene	ND	0.0250	1	07/21/21	07/22/21	
o-Xylene	ND	0.0250	1	07/21/21	07/22/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/22/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-40

## E107043-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/22/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/22/21	
Toluene	ND	0.0250	1	07/21/21	07/22/21	
o-Xylene	ND	0.0250	1	07/21/21	07/22/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/22/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/22/21	
Surrogate: 4-Bromochlorobenzene-PID	93.3 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/22/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.8 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
Surrogate: n-Nonane	93.8 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/23/2021 9:57:19AM

## CS-41

## E107043-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Benzene	ND	0.0250	1	07/21/21	07/22/21	
Ethylbenzene	ND	0.0250	1	07/21/21	07/22/21	
Toluene	ND	0.0250	1	07/21/21	07/22/21	
o-Xylene	ND	0.0250	1	07/21/21	07/22/21	
p,m-Xylene	ND	0.0500	1	07/21/21	07/22/21	
Total Xylenes	ND	0.0250	1	07/21/21	07/22/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.3 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2130021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/21/21	07/22/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		07/21/21	07/22/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2130022
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/21	07/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/21	07/22/21	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/22/21	07/22/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2130023
Chloride	ND	20.0	1	07/22/21	07/22/21	



## QC Summary Data

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	7/23/2021 9:57:19AM

## Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2130021-BLK1)

Prepared: 07/21/21 Analyzed: 07/22/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.9	70-130			

## LCS (2130021-BS1)

Prepared: 07/21/21 Analyzed: 07/22/21

Benzene	5.06	0.0250	5.00		101	70-130			
Ethylbenzene	4.86	0.0250	5.00		97.2	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	9.84	0.0500	10.0		98.4	70-130			
Total Xylenes	14.9	0.0250	15.0		99.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			

## Matrix Spike (2130021-MS1)

Source: E107043-01 Prepared: 07/21/21 Analyzed: 07/22/21

Benzene	4.98	0.0250	5.00	ND	99.7	54-133			
Ethylbenzene	4.78	0.0250	5.00	ND	95.7	61-133			
Toluene	5.05	0.0250	5.00	ND	101	61-130			
o-Xylene	4.94	0.0250	5.00	ND	98.7	63-131			
p,m-Xylene	9.72	0.0500	10.0	ND	97.2	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	97.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			

## Matrix Spike Dup (2130021-MSD1)

Source: E107043-01 Prepared: 07/21/21 Analyzed: 07/22/21

Benzene	4.99	0.0250	5.00	ND	99.7	54-133	0.0501	20	
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	61-133	0.265	20	
Toluene	5.03	0.0250	5.00	ND	101	61-130	0.379	20	
o-Xylene	4.91	0.0250	5.00	ND	98.2	63-131	0.490	20	
p,m-Xylene	9.67	0.0500	10.0	ND	96.7	63-131	0.442	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.2	63-131	0.458	20	
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.3	70-130			





## QC Summary Data

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	7/23/2021 9:57:19AM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2130021-BLK1)

Prepared: 07/21/21 Analyzed: 07/22/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.12		8.00		101	70-130			

## LCS (2130021-BS2)

Prepared: 07/21/21 Analyzed: 07/22/21

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		91.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.2	70-130			

## Matrix Spike (2130021-MS2)

Source: E107043-01 Prepared: 07/21/21 Analyzed: 07/22/21

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			

## Matrix Spike Dup (2130021-MSD2)

Source: E107043-01 Prepared: 07/21/21 Analyzed: 07/22/21

Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.7	70-130	0.177	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.06		8.00		101	70-130			



## QC Summary Data

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	7/23/2021 9:57:19AM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2130022-BLK1)

Prepared: 07/22/21 Analyzed: 07/22/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.8		50.0		116	50-200			

## LCS (2130022-BS1)

Prepared: 07/22/21 Analyzed: 07/22/21

Diesel Range Organics (C10-C28)	489	25.0	500		97.8	38-132			
Surrogate: n-Nonane	55.4		50.0		111	50-200			

## Matrix Spike (2130022-MS1)

Source: E107043-13 Prepared: 07/22/21 Analyzed: 07/22/21

Diesel Range Organics (C10-C28)	507	25.0	500	ND	101	38-132			
Surrogate: n-Nonane	45.8		50.0		91.5	50-200			

## Matrix Spike Dup (2130022-MSD1)

Source: E107043-13 Prepared: 07/22/21 Analyzed: 07/22/21

Diesel Range Organics (C10-C28)	509	25.0	500	ND	102	38-132	0.347	20	
Surrogate: n-Nonane	47.2		50.0		94.3	50-200			



## QC Summary Data

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	7/23/2021 9:57:19AM

## Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2130023-BLK1)

Prepared: 07/22/21 Analyzed: 07/22/21

Chloride	ND	20.0
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## LCS (2130023-BS1)

Prepared: 07/22/21 Analyzed: 07/22/21

Chloride	248	20.0	250	99.1	90-110
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## Matrix Spike (2130023-MS1)

Source: E107043-01 Prepared: 07/22/21 Analyzed: 07/22/21

Chloride	286	20.0	250	42.2	97.7	80-120
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## Matrix Spike Dup (2130023-MSD1)

Source: E107043-01 Prepared: 07/22/21 Analyzed: 07/22/21

Chloride	293	20.0	250	42.2	100	80-120	2.13	20
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## QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	
2010 Afton Place	Project Number:	12035-0169	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	07/23/21 09:57

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Client: Logos Operating LLC		Bill To		Lab Use Only		TAT				EPA Program		
Project: Quinella 2 Confirmation Sampling		Attention:		Lab WO#		1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Felipe Aragon		Address:		E 107043		X						
Address:		City, State, Zip		Job Number		12035-0169						
City, State, Zip		Phone:		Analysis and Method								
Phone:		Email:		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	5035A	Chloride 300.0	8270-SIM	Total RCRA 8 6010	TDS
Email: Faragon Tknigh Gcrabtree Bhall Igarcia				State								
KSanchez				NM CO UT AZ TX								
Report due by:				Remarks								

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	5035A	Chloride 300.0	8270-SIM	Total RCRA 8 6010	TDS	Remarks
1359	7/21/2021	s	2	CS-1A	1	X	X	X		X					2-4 oz jars on ice
1401	7/21/2021	s	2	CS-1B	2	X	X	X		X					2-4 oz jars on ice
1405	7/21/2021	s	2	CS-2A	3	X	X	X		X					2-4 oz jars on ice
1407	7/21/2021	s	2	CS-2B	4	X	X	X		X					2-4 oz jars on ice
1107	7/21/2021	s	2	CS-6	5	X	X	X		X					2-4 oz jars on ice
1114	7/21/2021	s	2	CS-8	6	X	X	X		X					2-4 oz jars on ice
1121	7/21/2021	s	2	CS-10	7	X	X	X		X					2-4 oz jars on ice
1126	7/21/2021	s	2	CS-15	8	X	X	X		X					2-4 oz jars on ice
1240	7/21/2021	s	2	CS-14	9	X	X	X		X					2-4 oz jars on ice
1134	7/21/2021	s	2	CS-17	10	X	X	X		X					2-4 oz jars on ice

## Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: *[Signature]*

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

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

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

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



Client: Logos Operating LLC					<b>Bill To</b> Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____		Lab Use Only				TAT				EPA Program			
Project: Quinella 2 Confirmation Sampling							Lab WO#	Job Number			1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Felipe Aragon							E 107043			12035-0169								
Address: _____							Analysis and Method DRQ/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 5035A Chloride 300.0 8270-SIM Total RCRA 8 6010 TDS										RCRA	
City, State, Zip _____																		
Phone: _____					State													
Email: Faragon Tknigh Gcrabtree Bhall Igarcia					NM CO UT AZ TX x													
KSanchez					Remarks													
Report due by: _____																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRQ/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	5035A	Chloride 300.0	8270-SIM	Total RCRA 8 6010	TDS				
1224	7/21/2021	s	2	CS-27B	11	X	X	X			X					2-4 oz jars on ice		
1220	7/21/2021	s	2	CS-28B	12	X	X	X			X					2-4 oz jars on ice		
1235	7/21/2021	s	2	CS-36	13	X	X	X			X					2-4 oz jars on ice		
1233	7/21/2021	s	2	CS-37	14	X	X	X			X					2-4 oz jars on ice		
1237	7/21/2021	s	2	CS-37B	15	X	X	X			X					2-4 oz jars on ice		
1244	7/21/2021	s	2	CS-38	16	X	X	X			X					2-4 oz jars on ice		
1247	7/21/2021	s	2	CS-40	17	X	X	X			X					2-4 oz jars on ice		
1214	7/21/2021	s	2	CS-41	18	X	X	X			X					2-4 oz jars on ice		
	7/21/2021	s	2			X	X	X			X					2-4 oz jars on ice		
	7/21/2021	s	2			X	X	X			X					2-4 oz jars on ice		
<b>Additional Instructions:</b>																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Sampled by: <u>B. Blau</u>												Lab Use Only						
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: <u>Y</u> N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C <u>4</u>										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA								
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

## Envirotech Analytical Laboratory

Printed: 7/21/2021 5:13:20PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Logos Operating, LLC  
 Phone: (505)215-8215  
 Email:

Date Received: 07/21/21 16:50  
 Date Logged In: 07/21/21 16:56  
 Due Date: 07/28/21 17:00 (5 day TAT)

Work Order ID: E107043  
 Logged In By: Irene Yazzie

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
  2. Does the number of samples per sampling site location match the COC? Yes
  3. Were samples dropped off by client or carrier? Yes
  4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
  5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Brittany HallSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? No
  8. If yes, was cooler received in good condition? NA
  9. Was the sample(s) received intact, i.e., not broken? Yes
  10. Were custody/security seals present? No
  11. If yes, were custody/security seals intact? NA
  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

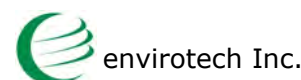
Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client InstructionComments/Resolution

Signature of client authorizing changes to the COC or sample disposition.

Date



Report to:  
Felipe Aragon



5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Logos Operating, LLC

Project Name: Quinella 2 Confirmation Sampling

Work Order: E107057

Job Number: 12035-0169

Received: 7/28/2021

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/30/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 7/30/21

Felipe Aragon  
2010 Afton Place  
Farmington, NM 87401



Project Name: Quinella 2 Confirmation Sampling  
Workorder: E107057  
Date Received: 7/28/2021 4:01:00PM

Felipe Aragon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/28/2021 4:01:00PM, under the Project Name: Quinella 2 Confirmation Sampling.

The analytical test results summarized in this report with the Project Name: Quinella 2 Confirmation Sampling apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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**Sample Summary**

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	<b>Reported:</b> 07/30/21 11:17
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1A	E107057-01A	Soil	07/28/21	07/28/21	Glass Jar, 4 oz.
	E107057-01B	Soil	07/28/21	07/28/21	Glass Jar, 4 oz.
CS-17	E107057-02A	Soil	07/28/21	07/28/21	Glass Jar, 4 oz.
	E107057-02B	Soil	07/28/21	07/28/21	Glass Jar, 4 oz.
CS-17B	E107057-03A	Soil	07/28/21	07/28/21	Glass Jar, 4 oz.
	E107057-03B	Soil	07/28/21	07/28/21	Glass Jar, 4 oz.



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/30/2021 11:17:53AM

## CS-1A

## E107057-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2131021
Benzene	ND	0.0250	1	07/29/21	07/29/21	
Ethylbenzene	ND	0.0250	1	07/29/21	07/29/21	
Toluene	ND	0.0250	1	07/29/21	07/29/21	
o-Xylene	ND	0.0250	1	07/29/21	07/29/21	
p,m-Xylene	ND	0.0500	1	07/29/21	07/29/21	
Total Xylenes	ND	0.0250	1	07/29/21	07/29/21	
Surrogate: 4-Bromochlorobenzene-PID	87.0 %	70-130		07/29/21	07/29/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2131021
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/21	07/29/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID	103 %	70-130		07/29/21	07/29/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2131014
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/21	07/29/21	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/21	07/29/21	
Surrogate: n-Nonane	93.8 %	50-200		07/29/21	07/29/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2131017
Chloride	ND	20.0	1	07/29/21	07/29/21	





## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/30/2021 11:17:53AM

CS-17

E107057-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2131021	
Benzene	ND	0.0250	1	07/29/21	07/29/21	
Ethylbenzene	ND	0.0250	1	07/29/21	07/29/21	
Toluene	ND	0.0250	1	07/29/21	07/29/21	
o-Xylene	ND	0.0250	1	07/29/21	07/29/21	
p,m-Xylene	ND	0.0500	1	07/29/21	07/29/21	
Total Xylenes	ND	0.0250	1	07/29/21	07/29/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.7 %	70-130		07/29/21	07/29/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2131021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/21	07/29/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	101 %	70-130		07/29/21	07/29/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2131014	
Diesel Range Organics (C10-C28)	71.1	25.0	1	07/29/21	07/29/21	
Oil Range Organics (C28-C36)	64.3	50.0	1	07/29/21	07/29/21	
<i>Surrogate: n-Nonane</i>	89.7 %	50-200		07/29/21	07/29/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2131017	
Chloride	ND	20.0	1	07/29/21	07/29/21	



## Sample Data

Logos Operating, LLC  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2 Confirmation Sampling  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
7/30/2021 11:17:53AM

## CS-17B

## E107057-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2131021	
Benzene	ND	0.0250	1	07/29/21	07/29/21	
Ethylbenzene	ND	0.0250	1	07/29/21	07/29/21	
Toluene	ND	0.0250	1	07/29/21	07/29/21	
o-Xylene	ND	0.0250	1	07/29/21	07/29/21	
p,m-Xylene	ND	0.0500	1	07/29/21	07/29/21	
Total Xylenes	ND	0.0250	1	07/29/21	07/29/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.4 %	70-130		07/29/21	07/29/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2131021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/29/21	07/29/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	103 %	70-130		07/29/21	07/29/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2131014	
Diesel Range Organics (C10-C28)	159	25.0	1	07/29/21	07/29/21	
Oil Range Organics (C28-C36)	96.8	50.0	1	07/29/21	07/29/21	
<i>Surrogate: n-Nonane</i>	96.5 %	50-200		07/29/21	07/29/21	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2131017	
Chloride	ND	20.0	1	07/29/21	07/29/21	



## QC Summary Data

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	7/30/2021 11:17:53AM

## Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2131021-BLK1)

Prepared: 07/29/21 Analyzed: 07/29/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.3	70-130			

## LCS (2131021-BS1)

Prepared: 07/29/21 Analyzed: 07/29/21

Benzene	5.14	0.0250	5.00		103	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	5.23	0.0250	5.00		105	70-130			
o-Xylene	5.13	0.0250	5.00		103	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

## Matrix Spike (2131021-MS1)

Source: E107057-01 Prepared: 07/29/21 Analyzed: 07/29/21

Benzene	5.08	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.5	61-133			
Toluene	5.14	0.0250	5.00	ND	103	61-130			
o-Xylene	5.01	0.0250	5.00	ND	100	63-131			
p,m-Xylene	9.90	0.0500	10.0	ND	99.0	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.2	70-130			

## Matrix Spike Dup (2131021-MSD1)

Source: E107057-01 Prepared: 07/29/21 Analyzed: 07/29/21

Benzene	5.04	0.0250	5.00	ND	101	54-133	0.730	20	
Ethylbenzene	4.84	0.0250	5.00	ND	96.7	61-133	0.797	20	
Toluene	5.09	0.0250	5.00	ND	102	61-130	1.01	20	
o-Xylene	4.98	0.0250	5.00	ND	99.5	63-131	0.649	20	
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	63-131	0.931	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	63-131	0.836	20	
Surrogate: 4-Bromochlorobenzene-PID	7.00		8.00		87.5	70-130			



## QC Summary Data

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	7/30/2021 11:17:53AM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2131021-BLK1)

Prepared: 07/29/21 Analyzed: 07/29/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.35		8.00		104	70-130			

## LCS (2131021-BS2)

Prepared: 07/29/21 Analyzed: 07/29/21

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130			

## Matrix Spike (2131021-MS2)

Source: E107057-01 Prepared: 07/29/21 Analyzed: 07/29/21

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.15		8.00		102	70-130			

## Matrix Spike Dup (2131021-MSD2)

Source: E107057-01 Prepared: 07/29/21 Analyzed: 07/29/21

Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	1.17	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.17		8.00		102	70-130			





## QC Summary Data

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	7/30/2021 11:17:53AM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2131014-BLK1)

Prepared: 07/28/21 Analyzed: 07/28/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	47.4		50.0		94.9	50-200			

## LCS (2131014-BS1)

Prepared: 07/28/21 Analyzed: 07/28/21

Diesel Range Organics (C10-C28)	470	25.0	500		94.0	38-132			
Surrogate: <i>n</i> -Nonane	46.6		50.0		93.3	50-200			

## Matrix Spike (2131014-MS1)

Source: E107055-01 Prepared: 07/28/21 Analyzed: 07/28/21

Diesel Range Organics (C10-C28)	490	25.0	500	ND	98.0	38-132			
Surrogate: <i>n</i> -Nonane	48.0		50.0		96.1	50-200			

## Matrix Spike Dup (2131014-MSD1)

Source: E107055-01 Prepared: 07/28/21 Analyzed: 07/28/21

Diesel Range Organics (C10-C28)	482	25.0	500	ND	96.5	38-132	1.53	20	
Surrogate: <i>n</i> -Nonane	46.5		50.0		92.9	50-200			



## QC Summary Data

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	7/30/2021 11:17:53AM

## Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2131017-BLK1)

Prepared: 07/29/21 Analyzed: 07/29/21

Chloride ND 20.0

## LCS (2131017-BS1)

Prepared: 07/29/21 Analyzed: 07/29/21

Chloride 246 20.0 250 98.3 90-110

## Matrix Spike (2131017-MS1)

Source: E107049-01 Prepared: 07/29/21 Analyzed: 07/29/21

Chloride 249 20.0 250 ND 99.8 80-120

## Matrix Spike Dup (2131017-MSD1)

Source: E107049-01 Prepared: 07/29/21 Analyzed: 07/29/21

Chloride 251 20.0 250 ND 100 80-120 0.663 20

## QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Logos Operating, LLC	Project Name:	Quinella 2 Confirmation Sampling	
2010 Afton Place	Project Number:	12035-0169	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	07/30/21 11:17

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.







## Envirotech Analytical Laboratory

Printed: 7/28/2021 4:09:30PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Logos Operating, LLC	Date Received:	07/28/21 16:01	Work Order ID:	E107057
Phone:	(505)215-8215	Date Logged In:	07/28/21 16:07	Logged In By:	Raina Schwanz
Email:		Due Date:	07/29/21 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Brittany HallComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

**From:** [Marie Florez](#)  
**To:** [Adeloye, Abiodun A](#); [Smith, Cory, EMNRD](#); [Neil.Haws@duganproduction.com](#); [nvalenzuela@djrlc.com](#); [Felipe Aragon](#); [Tami Knight](#)  
**Cc:** [Joyner, Ryan N](#); [Bryan Lovato](#); [Etta Trujillo](#); [Jason Meechan](#); [Robert Bixler](#); [Marcia Brueggenjohann](#); [Brittany Hall](#)  
**Subject:** RE: [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample UPDATE - Cancelled  
**Date:** Wednesday, August 18, 2021 9:03:00 AM

---

UPDATE:

Envirotech took 14 samples on July 28th and 13 samples from the results passed. LOGOS redemediated the last site and notifying OCD (two) business days prior to conducting final sampling on the following well.

Date: August 20, 2021 (Friday)

Time: 09:00pm

**Incident # nCS2034632180.**

**Surface: Federal**

**API: 30-043-20945**

**Well Name: Quinella 2**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: F**

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Tuesday, August 10, 2021 7:57 AM

**To:** Adeloye, Abiodun A <aadeloye@blm.gov>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; Neil.Haws@duganproduction.com; nvalenzuela@djrlc.com; Felipe Aragon <faragon@envirotech-inc.com>; Tami Knight <TKnight@envirotech-inc.com>

**Cc:** Joyner, Ryan N <rjoyner@blm.gov>; Bryan Lovato <blovato@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Jason Meechan <jmeechan@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Marcia Brueggenjohann <mbrueggenjohann@logosresourcesllc.com>; Brittany Hall <bhall@envirotech-inc.com>

**Subject:** RE: [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample UPDATE - Cancelled

At this time LOGOS is still remediating the last site; we will cancel and re-schedule later.

Thanks

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Monday, August 9, 2021 3:57 PM

**To:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>;  
[Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Felipe Aragon <[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggenjohann <[mbrueggenjohann@logosresourcesllc.com](mailto:mbrueggenjohann@logosresourcesllc.com)>; Brittany Hall <[bhall@envirotech-inc.com](mailto:bhall@envirotech-inc.com)>

**Subject:** RE: [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample UPDATE

UPDATE:

Envirotech took 14 samples on July 28th and 13 samples from the results passed. LOGOS is remediating the last site and notifying OCD (two) business days prior to conducting final sampling on the following well.

Date: August 11, 2021 (Wednesday)

Time: 09:00pm

**Incident # nCS2034632180.**

**Surface: Federal**

**API: 30-043-20945**

**Well Name: Quinella 2**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: F**

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Monday, July 26, 2021 3:13 PM

**To:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Felipe Aragon <[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>; Brittany Hall <[bhall@envirotech-inc.com](mailto:bhall@envirotech-inc.com)>

**Subject:** RE: [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample UPDATE

UPDATE:

Envirotech took 16 samples on July 21<sup>st</sup> and 14 from the results passed. LOGOS remediated the last two areas and notifying OCD (two) business days prior to conducting final sampling on the following well.

Date: July 28, 2021 (Wednesday)

Time: 09:00pm

**Incident # nCS2034632180.**

**Surface: Federal**

**API: 30-043-20945**

**Well Name: Quinella 2**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: F**

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Monday, July 19, 2021 6:04 PM

**To:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Felipe Aragon <[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert



Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggenjohann  
<[mbrueggenjohann@logosresourcesllc.com](mailto:mbrueggenjohann@logosresourcesllc.com)>

**Subject:** RE: [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for  
Final Confirmation sample UPDATE

LOGOS is notifying OCD (two) business days prior to conducting final sampling on the following well.

Date: July 21, 2021 (Wednesday)

Time: 09:00pm

**Incident # nCS2034632180.**

**Surface: Federal**

**API: 30-043-20945**

**Well Name: Quinella 2**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: F**

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>

**Sent:** Wednesday, June 23, 2021 9:12 AM

**To:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>; Smith, Cory, EMNRD  
<[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Felipe  
Aragon <[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra  
Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason  
Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>;  
Marcia Brueggenjohann <[mbrueggenjohann@logosresourcesllc.com](mailto:mbrueggenjohann@logosresourcesllc.com)>

**Subject:** Re: [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for  
Final Confirmation sample UPDATE

Thank you Florez for the updates.

**Abiodun Adeloye (Emmanuel), NRS**

*Bureau of Land Management*

*Farmington Field Office*

*6251 College Blvd., Suite A*

Farmington, NM 87402

Office Phone: 505-564-7665

Cell Phone: 505-635-0984

---

**From:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>

**Sent:** Wednesday, June 23, 2021 9:07 AM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com) <[Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com)>; [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com) <[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com)>; Adeleye, Abiodun A <[aadeleye@blm.gov](mailto:aadeleye@blm.gov)>; Felipe Aragon <[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** [EXTERNAL] RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample UPDATE

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Due to 16 out 45 samples are still hot. LOGOS will continue to remediate at this time.

If you have any questions or concerns, please let us know.

Thanks,

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Thursday, June 17, 2021 7:51 AM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeleye, Abiodun A <[aadeleye@blm.gov](mailto:aadeleye@blm.gov)>; Felipe Aragon <[faragon@envirotech-inc.com](mailto:faragon@envirotech-inc.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** Quinella 1 / 2 - P&A location 36.1871223,-107.514473 -Notification for Final Confirmation sample

**Importance:** High

LOGOS is notifying OCD (two) business days prior to conducting final sampling on the following well.

Date: June 21, 2021 (Monday)

Time: 09:00pm

**Incident # nCS2034632180.**

**Surface: Federal**

**API: 30-043-20945**

**Well Name: Quinella 2**

**Section: 31**

**Township:23N**

**Range: 6W**

**Unit Letter: F**

Thanks,

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Thursday, May 27, 2021 2:31 PM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Neil.Haws@duganproduction.com; nvalenzuela@djrlc.com; Adeloye, Abiodun A <[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Final Confirmation sample - UPDATE

The results are still above OCD content level, LOGOS will continue to remediate this location. We will schedule another Final confirmation sample later.

Thanks,

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Marie Florez

**Sent:** Tuesday, May 25, 2021 7:06 AM

**To:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com);  
[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeloze, Abiodun A <[aadeloze@blm.gov](mailto:aadeloze@blm.gov)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Final Confirmation sample

LOGOS is notifying OCD (one) business days prior to conducting final sampling on the following well.

Date: May 26, 2021 (Wednesday)

Time: 10:00pm

Incident # nCS2034632180.

Surface: Federal

API: 30-043-20945

Well Name: Quinella 2

Section: 31

Township:23N

Range: 6W

Unit Letter: F

*Marie E. Florez*

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



---

**From:** Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>

**Sent:** Friday, May 14, 2021 12:24 PM

**To:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>; [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com);  
[nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeloze, Abiodun A <[aadeloze@blm.gov](mailto:aadeloze@blm.gov)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Bryan Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>; Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggjenjohann <[mbrueggjenjohann@logosresourcesllc.com](mailto:mbrueggjenjohann@logosresourcesllc.com)>

**Subject:** RE: Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin



Marie,

Thank you for the notification, please remediate /sample per 19.15.29 NMAC.

If you have any additional questions please give me a call.

OCD Approval does not relieve Logos of any other requirements imposed by other regulatory agencies.

**Cory Smith** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1000 Rio Brazos | Aztec, NM 87410  
505.334.6178 x115 | [Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Marie Florez <[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)>

**Sent:** Thursday, May 13, 2021 3:39 PM

**To:** [Neil.Haws@duganproduction.com](mailto:Neil.Haws@duganproduction.com); [nvalenzuela@djrlc.com](mailto:nvalenzuela@djrlc.com); Adeloye, Abiodun A  
<[aadeloye@blm.gov](mailto:aadeloye@blm.gov)>

**Cc:** Joyner, Ryan N <[rjoyner@blm.gov](mailto:rjoyner@blm.gov)>; Smith, Cory, EMNRD <[Cory.Smith@state.nm.us](mailto:Cory.Smith@state.nm.us)>; Bryan  
Lovato <[blovato@logosresourcesllc.com](mailto:blovato@logosresourcesllc.com)>; Tamra Sessions <[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)>; Etta  
Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Jason Meechan <[jmeechan@logosresourcesllc.com](mailto:jmeechan@logosresourcesllc.com)>;  
Robert Bixler <[rbixler@logosresourcesllc.com](mailto:rbixler@logosresourcesllc.com)>; Marcia Brueggenjohann  
<[mbrueggenjohann@logosresourcesllc.com](mailto:mbrueggenjohann@logosresourcesllc.com)>

**Subject:** [EXT] Quinella 1 / 2 - P&A location 36.1871223,-107.514473 - Remediation to begin

**Importance:** High

**LOGOS will begin remediation on Monday May 17, 2021 per C141 incident # nCS2034632180.**

The actual incident occurred on the Quinella 1 but is plugged and abandon, so LOGOS is filing and submitting all documentation under the Quinella 2.

**Contact:** Jason Meechan 505-486-2612

**Incident #** nCS2034632180.

**Surface:** Federal (BLM)

**API:** 30-043-20077

**Well Name:** Quinella 1 – Plug and Abandon

**Section:** 31

**Township:** 23N

**Range:** 6W

**Unit Letter:** D

**Lat: 36.1871223**  
**Long: -107.514473 NAD 83**

**API: 30-043-20945**  
**Well Name: Quinella 2**  
**Section: 31**  
**Township: 23N**  
**Range: 6W**  
**Unit Letter: F**

If you have any questions or concerns, please let us know.

Thanks,

*Marie E. Florez*

Regulatory Specialist

Cell: 505-419-8420

Office: 505-787-2218

[mflorez@logosresourcesllc.com](mailto:mflorez@logosresourcesllc.com)



Report to:  
Felipe Aragon



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Logos Resources

Project Name: Quinella 2

Work Order: E108075

Job Number: 12035-0169

Received: 8/20/2021

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
8/24/21

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
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Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/24/21

Felipe Aragon  
2010 Afton Place  
Farmington, NM 87401



Project Name: Quinella 2  
Workorder: E108075  
Date Received: 8/20/2021 11:51:00AM

Felipe Aragon,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/20/2021 11:51:00AM, under the Project Name: Quinella 2.

The analytical test results summarized in this report with the Project Name: Quinella 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
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**Sample Summary**

Logos Resources	Project Name:	Quinella 2	<b>Reported:</b> 08/24/21 14:55
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-17	E108075-01A	Soil	08/20/21	08/20/21	Glass Jar, 4 oz.
	E108075-01B	Soil	08/20/21	08/20/21	Glass Jar, 4 oz.
CS-17B	E108075-02A	Soil	08/20/21	08/20/21	Glass Jar, 4 oz.
	E108075-02B	Soil	08/20/21	08/20/21	Glass Jar, 4 oz.



## Sample Data

Logos Resources 2010 Afton Place Farmington NM, 87401	Project Name: Quinella 2 Project Number: 12035-0169 Project Manager: Felipe Aragon	Reported: 8/24/2021 2:55:13PM
---	--	----------------------------------

## CS-17

## E108075-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2135004
Benzene	ND	0.0250	1	08/23/21	08/23/21	
Ethylbenzene	ND	0.0250	1	08/23/21	08/23/21	
Toluene	ND	0.0250	1	08/23/21	08/23/21	
o-Xylene	ND	0.0250	1	08/23/21	08/23/21	
p,m-Xylene	ND	0.0500	1	08/23/21	08/23/21	
Total Xylenes	ND	0.0250	1	08/23/21	08/23/21	
Surrogate: Bromofluorobenzene	97.6 %	70-130		08/23/21	08/23/21	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		08/23/21	08/23/21	
Surrogate: Toluene-d8	98.7 %	70-130		08/23/21	08/23/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2135004
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/21	08/23/21	
Surrogate: Bromofluorobenzene	97.6 %	70-130		08/23/21	08/23/21	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		08/23/21	08/23/21	
Surrogate: Toluene-d8	98.7 %	70-130		08/23/21	08/23/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2135012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/21	08/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/21	08/24/21	
Surrogate: n-Nonane	93.4 %	50-200		08/23/21	08/24/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2135005
Chloride	ND	20.0	1	08/23/21	08/23/21	



## Sample Data

Logos Resources  
2010 Afton Place  
Farmington NM, 87401

Project Name: Quinella 2  
Project Number: 12035-0169  
Project Manager: Felipe Aragon

**Reported:**  
8/24/2021 2:55:13PM

## CS-17B

## E108075-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2135004
Benzene	ND	0.0250	1	08/23/21	08/23/21	
Ethylbenzene	ND	0.0250	1	08/23/21	08/23/21	
Toluene	ND	0.0250	1	08/23/21	08/23/21	
o-Xylene	ND	0.0250	1	08/23/21	08/23/21	
p,m-Xylene	ND	0.0500	1	08/23/21	08/23/21	
Total Xylenes	ND	0.0250	1	08/23/21	08/23/21	
Surrogate: Bromofluorobenzene	95.3 %	70-130		08/23/21	08/23/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		08/23/21	08/23/21	
Surrogate: Toluene-d8	101 %	70-130		08/23/21	08/23/21	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2135004
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/23/21	08/23/21	
Surrogate: Bromofluorobenzene	95.3 %	70-130		08/23/21	08/23/21	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		08/23/21	08/23/21	
Surrogate: Toluene-d8	101 %	70-130		08/23/21	08/23/21	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2135012
Diesel Range Organics (C10-C28)	ND	25.0	1	08/23/21	08/24/21	
Oil Range Organics (C28-C36)	ND	50.0	1	08/23/21	08/24/21	
Surrogate: n-Nonane	95.3 %	50-200		08/23/21	08/24/21	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2135005
Chloride	ND	20.0	1	08/23/21	08/23/21	





## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	8/24/2021 2:55:13PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2135004-BLK1)

Prepared: 08/23/21 Analyzed: 08/24/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

## LCS (2135004-BS1)

Prepared: 08/23/21 Analyzed: 08/24/21

Benzene	2.40	0.0250	2.50		96.0	70-130			
Ethylbenzene	2.54	0.0250	2.50		102	70-130			
Toluene	2.52	0.0250	2.50		101	70-130			
o-Xylene	2.41	0.0250	2.50		96.3	70-130			
p,m-Xylene	4.95	0.0500	5.00		99.1	70-130			
Total Xylenes	7.36	0.0250	7.50		98.2	70-130			
Surrogate: Bromofluorobenzene	0.478		0.500		95.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

## Matrix Spike (2135004-MS1)

Source: E108075-01 Prepared: 08/23/21 Analyzed: 08/24/21

Benzene	2.58	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.69	0.0250	2.50	ND	107	45-135			
Toluene	2.66	0.0250	2.50	ND	106	48-130			
o-Xylene	2.56	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.27	0.0500	5.00	ND	105	43-135			
Total Xylenes	7.83	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.468		0.500		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			

## Matrix Spike Dup (2135004-MSD1)

Source: E108075-01 Prepared: 08/23/21 Analyzed: 08/24/21

Benzene	2.55	0.0250	2.50	ND	102	48-131	1.09	23	
Ethylbenzene	2.77	0.0250	2.50	ND	111	45-135	3.08	27	
Toluene	2.75	0.0250	2.50	ND	110	48-130	3.46	24	
o-Xylene	2.63	0.0250	2.50	ND	105	43-135	2.49	27	
p,m-Xylene	5.44	0.0500	5.00	ND	109	43-135	3.17	27	
Total Xylenes	8.07	0.0250	7.50	ND	108	43-135	2.95	27	
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	8/24/2021 2:55:13PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2135004-BLK1)

Prepared: 08/23/21 Analyzed: 08/24/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

## LCS (2135004-BS2)

Prepared: 08/23/21 Analyzed: 08/24/21

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0		96.1	70-130			
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			

## Matrix Spike (2135004-MS2)

Source: E108075-01 Prepared: 08/23/21 Analyzed: 08/24/21

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

## Matrix Spike Dup (2135004-MSD2)

Source: E108075-01 Prepared: 08/23/21 Analyzed: 08/24/21

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	0.577	20	
Surrogate: Bromofluorobenzene	0.471		0.500		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	Reported:
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	8/24/2021 2:55:13PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2135012-BLK1)

Prepared: 08/23/21 Analyzed: 08/24/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.5	50-200			

## LCS (2135012-BS1)

Prepared: 08/23/21 Analyzed: 08/24/21

Diesel Range Organics (C10-C28)	509	25.0	500		102	38-132			
Surrogate: <i>n</i> -Nonane	48.5		50.0		97.0	50-200			

## Matrix Spike (2135012-MS1)

Source: E108081-07 Prepared: 08/23/21 Analyzed: 08/24/21

Diesel Range Organics (C10-C28)	511	25.0	500	ND	102	38-132			
Surrogate: <i>n</i> -Nonane	46.7		50.0		93.4	50-200			

## Matrix Spike Dup (2135012-MSD1)

Source: E108081-07 Prepared: 08/23/21 Analyzed: 08/24/21

Diesel Range Organics (C10-C28)	529	25.0	500	ND	106	38-132	3.53	20	
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.6	50-200			



## QC Summary Data

Logos Resources	Project Name:	Quinella 2	<b>Reported:</b>
2010 Afton Place	Project Number:	12035-0169	
Farmington NM, 87401	Project Manager:	Felipe Aragon	8/24/2021 2:55:13PM

## Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2135005-BLK1)

Prepared: 08/23/21 Analyzed: 08/23/21

Chloride ND 20.0

## LCS (2135005-BS1)

Prepared: 08/23/21 Analyzed: 08/23/21

Chloride 249 20.0 250 99.6 90-110

## Matrix Spike (2135005-MS1)

Source: E108075-01 Prepared: 08/23/21 Analyzed: 08/24/21

Chloride 261 20.0 250 ND 104 80-120

## Matrix Spike Dup (2135005-MSD1)

Source: E108075-01 Prepared: 08/23/21 Analyzed: 08/24/21

Chloride 259 20.0 250 ND 104 80-120 0.653 20

## QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.





Definitions and Notes

Logos Resources	Project Name:	Quinella 2	
2010 Afton Place	Project Number:	12035-0169	Reported:
Farmington NM, 87401	Project Manager:	Felipe Aragon	08/24/21 14:55

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



## Envirotech Analytical Laboratory

Printed: 8/20/2021 12:02:07PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Logos Resources	Date Received:	08/20/21 11:51	Work Order ID:	E108075
Phone:	(505) 320-2896	Date Logged In:	08/20/21 11:59	Logged In By:	Raina Schwanz
Email:	faragon@envirotech-inc.com	Due Date:	08/23/21 17:00 (1 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Kholeton Sanchez**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

**Sample Cooler**

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

**Sample Container**

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

**Field Label**

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

**Sample Preservation**

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

**Multiphase Sample Matrix**

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

**Subcontract Laboratory**

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

# Appendix E



## *Site Photography*



Practical Solutions for a Better Tomorrow



**Site Photography  
Logos Operating, LLC.  
Release Closure Report  
Quinella #001/#002 Well Site  
Sandoval County, New Mexico  
Project #12053-0169  
June - September 2021**



Picture 1: Excavation West (June 21, 2021)



Picture 2: Excavation East (June 21, 2021)

**Site Photography  
Logos Operating, LLC.  
Release Closure Report  
Quinella #001/#002 Well Site  
Sandoval County, New Mexico  
Project #12053-0169  
June - September 2021**



Picture 3: East Excavation (July 21, 2021)



Picture 4: Central Excavation (July 21, 2021)



Site Photography  
Logos Operating, LLC.  
Release Closure Report  
Quinella #001/#002 Well Site  
Sandoval County, New Mexico  
Project #12053-0169  
June - September 2021



Picture 5: West Excavation (July 21, 2021)



Picture 6: Beginning of Backfilling Activities (July 28, 2021)

Site Photography  
Logos Operating, LLC.  
Release Closure Report  
Quinella #001/#002 Well Site  
Sandoval County, New Mexico  
Project #12053-0169  
June - September 2021



Picture 7: West Wall Excavation (July 28, 2021)



Picture 8: View 1 of West Wall Excavation (August 20, 2021)



Site Photography  
Logos Operating, LLC.  
Release Closure Report  
Quinella #001/#002 Well Site  
Sandoval County, New Mexico  
Project #12053-0169  
June - September 2021



Picture 9: View 2 of West Wall Excavation (August 20, 2021)



Picture 10: Backfill Looking West (August 30, 2021)

Site Photography  
Logos Operating, LLC.  
Release Closure Report  
Quinella #001/#002 Well Site  
Sandoval County, New Mexico  
Project #12053-0169  
June - September 2021



Picture 11: Backfill Looking West (August 30, 2021)



Picture 12: Backfill Looking Northeast (August 30, 2021)

Site Photography  
Logos Operating, LLC.  
Release Closure Report  
Quinella #001/#002 Well Site  
Sandoval County, New Mexico  
Project #12053-0169  
June - September 2021



Picture 13: Backfill Looking Northwest (August 30, 2021)



Picture 14: Backfill Looking East (August 30, 2021)



**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**

COMMENTS

Action 55230

**COMMENTS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 55230
	Action Type: [C-141] Release Corrective Action (C-141)

**COMMENTS**

Created By	Comment	Comment Date
nvelez	As a reminder, any future releases MUST follow the timelines specified within 19.15.29 NMAC regardless of changes in personnel or any circumstance that an operator deems justifiable in delaying the require notifications to OCD.	1/19/2022



**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 55230

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 55230
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	1/19/2022