Page 1 of 213

Incident ID nAPP2107849827
District RP
Facility ID
Application ID

# Closure

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

Closure Report Attachment Checklist: Each of the following items	must be included in the closure report.
☐ A scaled site and sampling diagram as described in 19.15.29.11 NM	MAC
Photographs of the remediated site prior to backfill or photos of th must be notified 2 days prior to liner inspection)	e liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC Dis	trict 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 and regulations all operators are required to report and/or file certain relemany endanger public health or the environment. The acceptance of a C-should their operations have failed to adequately investigate and remedia human health or the environment. In addition, OCD acceptance of a C-1 compliance with any other federal, state, or local laws and/or regulations restore, reclaim, and re-vegetate the impacted surface area to the conditionaccordance with 19.15.29.13 NMAC including notification to the OCD verified Name:    Kurt A Shipley   Title: Chief Operating Off Signature:   Date	tase notifications and perform corrective actions for releases which 141 report by the OCD does not relieve the operator of liability attended contamination that pose a threat to groundwater, surface water, 41 report does not relieve the operator of responsibility for a. The responsible party acknowledges they must substantially ons that existed prior to the release or their final land use in when reclamation and re-vegetation are complete.
OCD Only	
Received by: Robert Hamlet	Date: <u>6/12/2023</u>
Closure approval by the OCD does not relieve the responsible party of liar remediate contamination that poses a threat to groundwater, surface water party of compliance with any other federal, state, or local laws and/or reg	, human health, or the environment nor does not relieve the responsible
Closure Approved by: Robert Hamlet	Date:6/12/2023
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced

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Incident ID	nAPP2107849827
District RP	
Facility ID	
Application ID	

# Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.
□ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
Note: appropriate OCD District office must be notified 2 days prior to liner inspection)  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
Thereby 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: Kurt A Shipley  Title: Chief Operating Officer  Signature:  Date: 2/6/2023  Telephone: 405-286-3916
OCD Only
Received by: Date:
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.
Closure Approved by: Date:
Printed Name: Title:

Release Response Action Completion & Closure Report Rana Salada Produced Water Release Incident ID No. nAPP2107849827 Discovery Date: March 3, 2021 Eddy County, New Mexico

> Prepared for: Novo Oil & Gas Northern Delaware, LLC 1001 West Wilshire Blvd., Suite 206 Oklahoma City, Oklahoma 73116

> > Prepared By:

Altamira-US Bryan Haney, P.G. TX 929 Corpus Christi, Texas 78418 (361)658-3126

**January 6, 2023** 



Discovery Date: March 3, 2021

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Rana Salada Produced Water Release – Release Response Action Completion & Closure Report Novo Oil & Gas, Eddy County, New Mexico

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Appendix C Field Documentation

Appendix D Waste Management Documentation

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# **ACRONYMS AND ABBREVIATIONS**

Altamira Altamira-US, LLC

Novo Novo Oil & Gas Northern Delaware, LLC

bgs below ground surface

mg/Kg milligram per kilogram

NMOCD New Mexico Oil Conservation District

TPH Total Petroleum Hydrocarbons

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

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#### 1.0 INTRODUCTION

Novo Oil & Gas Northern Delaware, LLC (Novo Oil & Gas) (OGRID No. 372920) lease (Lease Number: NMNM91078) and operate facilities known as the "Rana Salada Pad A to San Mateo" located in Field Name Purple Sage – Wolfcamp, T23S, R28E, Section 1NE, in Eddy County, New Mexico. As part of production operations, Novo Oil & Gas filed and obtained a permit for an above ground temporary produced water line with the Bureau of Land Management (BLM). On March 3, 2021, field personnel for Novo Oil & Gas discovered a broken connection associated with the permitted temporary produced water line located northeast of County Road 605 (Refinery Road) at latitude 32.340822 N, longitude -104.038850 W (Figure 1 and Figure 2). This Release Response Action & Closure Report has been prepared to document initial response actions, remediation, and site closure efforts.

## 1.1 Release Details and Initial Response

The release from the temporary produce water line connection was identified quickly by Novo Oil & Gas personnel and the flow of water was immediately shut down. Novo Oil & Gas estimated approximately 200 barrels of produce water was released and approximately 175 barrels of the produced water was recovered using vacuum trucks. The justification for the quantity release is based on the following:

- Transfer rate at the time of release was 14,000 bbls/day;
- The release occurred for 20 minutes prior to shut off;
- 14,000 bbls/day = 583.33 bbls/hour = 9.72 bbls/minute
- 9.72 bbls/minute x 20 minutes = 194.44 bbls
- Chloride concentration is assumed to be greater than 10,000 mg/L

Based on the location of the point of release, produced water generally flowed towards the north along each side of the heavy haul road. A small amount of produced water was release to the south of the road. The roadway consists of tightly compacted caliche material that has formed a dense surface for heavy equipment and large truck traffic. Much of the produce water flowed along the sides of the road as depicted on **Figure 3**. Following the release, Novo Oil & Gas personnel marked the perimeter of the release area with wooden stakes based on the observation of wet verses dry soil. This area is depicted on **Figure 3**.

It should be noted that the produced water release did occur outside of a lined containment area in an area where depth to groundwater is greater than 55 feet below ground surface. For the purpose of this assessment, chlorides were vertically delineated to 600 mg/kg. Per 19.15.29.11 (A) (5) (c) the produced water release is assumed to be greater than 10,000 mg/L; However, the quantity of produced water is known (provided above) and did not result in greater than 200 barrels of unrecovered produced water. The release resulted in approximately 25 barrels of unrecovered produced water.

#### 1.2 Notification

Upon discovery of the release and initial response actions, Mr. Kurt Shipley notified the New Mexico Oil Conservation District (NMOCD) and regional Bureau of Land Management (BLM) spill hotlines. On March 3, 2021, Mr. Shipley provided a phone call to the NMOCD district office and

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left voicemail. Ms. Amalia Bustamante responded via email and indicated that she had forward the information to Mr. Mike Bratcher. On that same day, Mr. Shipley contacted Mr. Jim Amos and submitted the BLM Major Undesirable Event Report to the BLM Carlsbad District Office and BLM Spill Hotline.

Novo Oil & Gas coordinated with Ms. Ramona Marcus at the NMOCD to formally submit the C-141 online. The C-141 Release Notification Form was submitted on March 19, 2021 and was issued NMOCD Regulatory ID No. nAPP2107849827.

# 1.3 Project Objectives

The project objectives were to: 1) conduct initial release cleanup efforts, 2) conduct soil assessment activities to determine the lateral and vertical extent of impact and evaluate the general degree of impact to soil, 3) physically remove affected soil containing constituent concentrations that exceed the NMOCD action/cleanup levels, and 4) restore and reclaim the remediated areas.

## 1.4 Regulatory Framework

The Site is subject to environmental regulatory oversight by the NMOCD and BLM. Notification, assessment, and response action activities were conducted in accordance with guidelines outlined in 19.15.29 NMAC and BLM.

# 2.0 STANDARD OF CARE, LIMITATIONS, & RELIANCE

## 2.1 Standard of Care

Altamira's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same period of time. Altamira makes no warranties, expressed or implied, as to the services performed hereunder. Additionally, Altamira does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report.

#### 2.2 Additional Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Altamira cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this scope of services. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Altamira's findings and recommendations are based solely upon data available to Altamira at the time of these services.

Discovery Date: March 3, 2021

#### 3.0 ASSESSMENT ACTIVITIES

Atlamira conducted soil assessment activities April 12-15, 2021, in the area of the produced water release to determine the degree of impact to soil. A total of 22 soil borings were installed to properly delineate the vertical and lateral extent of potential constituents of concern. Eight soil borings (SB-1 – SB-8) were installed within the known source/release area, 13 soil borings were installed to determine the lateral extent of potential impacts to soil (SB-9 – SB-21), and one soil boring (SB-22) was installed to serve as a background soil boring location (Figure 3).

Additionally, soil boring SB-1 was installed at the point of release and was advanced to a depth of 55-feet below ground surface. The purpose of advancing soil boring SB-1 to 55-feet was to determine if groundwater was present below 50-feet. During boring advancement, variations of dry unconsolidated soil and sandstone were observed. After reaching total depth (dry at 55-feet), the hole was allowed to stay open for a period of time and then air was used to blow the hole out to provide a second verification that moisture was not present. Groundwater was not observed in the borehole at 55-feet below ground surface.

An assessment report, dated May 27, 2021 was prepared and submitted to the NMOCD to provide detail of soil assessment activities. The NMOCD approved the assessment report.

## 4.0 REMEDIATION PLAN DISCUSSION

Altamira prepared and submitted a Remediation and Reclamation Plan dated May 27, 2021 providing detail on the proposed remediation approach and methodologies. The remediation plan was approved by the NMOCD on April 12, 2022. The original remediation plan proposed the use of insitu treatment of affected soils and reuse of the soil onsite as backfill. Insitu treatment of all affected soil was conducted; however, due to additional requirements for long term monitoring, Novo determined it to be more feasible to dispose of the treated soil and backfill the remaining excavated areas with native clean soil material.

Altamira provided notification to the NMOCD in an email on October 17, 2022 indicating Novo's intention to dispose of the treated soil and backfill. Altamira contacted Mr. Robert Hamlet of the NMOCD on October 18, 2022 via telephone to discuss the plans to dispose of the treated soil and backfill the remaining excavated areas. The NMOCD approved the change in remediation methodology. This information was also communicated to Ms. Shelly Tucker with the BLM.

#### 5.0 REMEDIATION

Based on assessment activities and analytical results, remediation of shallow soils in the area of soil borings SB-1, SB-3, SB-7 and SB-8 was necessary due to chloride concentrations that were greater than 600 mg/kg in the upper four feet of the soil profile. Affected soil in the area of SB-1 and SB-3 was excavated and treated to a depth of three feet below ground surface. Affected soil in the area of SB-7 and SB-8 was excavated and treated to a depth of four feet below ground surface. The areas of remediation are depicted on **Figure 4**.

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Affected soil remediation was conducted between June 1 to June 7, 2022. At the time, the remediation method was focused on insitu treatment of chlorides in soil. Excavated and treated soil was placed onsite pending additional laboratory analysis.

In late November and early December 2022, all excavated and treated soil was loaded into trucks and transported to Lea Land Disposal Facility located at mile marker #64 on Highway US 62/180.

Confirmation soil sampling was conducted to determine the effectiveness of soil remediation efforts. Details regarding the affected soil remediation and post excavation confirmation soil sampling are provided below.

#### 5.1 Soil Remediation Activities

Confirmation soil samples collected post excavation were analyzed by Cardinal Laboratories in Hobbs, New Mexico, accredited by the National Environmental Laboratory Accreditation Program (NELAP) for environmental sample analysis requirements. The sampling program and laboratory methods used for the analysis for the project are listed in the following table. Altamira utilized the Oil Conservation Commission guidance and regulations under Title 19, Chapter 15, Part 29 to address the release and constituents of concern. The executed chain-of-custody documents and laboratory reports are provided in **Appendix E**.

Sample Type	Analysis	Laboratory Method
Soil	Total Petroleum Hydrocarbons (TPH)	8015M
Soil	Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)	8260B
Soil	Chlorides	4500-CI-B

#### 5.2 Soil Remediation Activities

Altamira and Novo provided notification to the OCD via email (**Appendix A**) on May 26, 2022 regarding the intent to conduct soil remediation and confirmation soil sampling on the Site.

During June 1 through June 7, 2022, Novo conducted affected soil remediation activities at the Site. Prior to excavation, the approximate extent of the known affected soil area was marked. A grid system was established to identify the excavation areas and 200-square foot confirmation soil sample grid areas/sidewalls. The sample grid areas were measured and marked with wooden stakes and flagging in each of the three remediation areas (**Figure 5**). The overall dimensions of the gridded and remediated area depicted on **Figure 4** and **Figure 5**.

AMERAPEX was contracted to conduct the soil excavation, initial treatment, and staging of the affected soil. Excavated soil was either stockpiled on plastic sheeting or direct loaded to trucks. Soil within each grid was excavated to predetermined depth intervals based on the soil assessment results {Area-1 (3-feet bgs), Area-3 (3-feet bgs), Areas-7/8 (4-feet bgs)}. Following excavation at each grid, confirmation soil samples were collected and submitted to Cardinal Laboratories for analysis.

Discovery Date: March 3, 2021

Confirmation soil samples were collected within each 200 square foot grid/sidewall and consisted of a 5-point composite sample (generally one from the center and one outward near each corner area). Confirmation soil samples were initially analyzed for chlorides, TPH, and BTEX as described in section 5.1. Analytical results for each confirmation grid sample/sidewall sample were evaluated to the most stringent criteria per *Table I – Closure Criteria for Soils Impacted by a Release*. Analytical data results are presented on **Tables 1-3**. If analytical data results showed a chemical constituent exceeded the Closure Criteria Level, soil in that particular grid area was further excavated downward another foot and resampled. Laboratory analysis for soil samples for grids that were further excavated were only analyzed for those chemical constituents that previously exceeded the Closure Criteria Level in the previous depth interval. This process continued until the concentration of all targeted chemical constituents was below the respective Closure Criteria Level.

Following affected soil excavation activities, the subcontractor used end dump and belly dump trucks to load soil and transport to the Lea Land Disposal Facility under New Mexico Non-Hazardous Waste Manifest.

# 5.3 Waste Management

As described above, affected soil was transported to the Lea Land Disposal Facility located at mile marker #64 on Highway US 62/180. A New Mexico Non-Hazardous Waste Manifest was prepared for each truck load of soil material. Manifests are provided in **Appendix D**.

## 6.0 DATA RESULTS & EVALUATION

Altamira utilized guidance from 19.15.29 NMAC, specifically *Table I - Closure Criteria for Soils Impacted by a Release* to assess soil sample analytical data collected at the Site. Depth to groundwater at the site was investigated and determined to be greater than 55 feet below ground surface based on soil boring installation during the soil assessment. The most stringent closure criteria action levels were utilized to evaluate analytical results for remediation and site closure. Evaluation of chlorides and cleanup levels were based on the absence of groundwater at 55 feet below ground surface (0-4 feet – 600mg/kg, below 4 feet – 10,000mg/kg). Analytical results are provided in **Tables 1 – 3** and Laboratory Analytical Data Report are provided in **Appendix E**.

As previously described, work and confirmation soil sample grids were measured and marked on grid areas (less than 200 square feet). The overall grid areas were setup in a conservative manner so that grids included known and suspected affected soil areas, but also overlapped into known unaffected soil areas.

## 6.1 Area-1 - Post Excavation Confirmation Soil Sample Results

Following establishment of the sample grids within the approximate release area, confirmation soil samples were collected from 3-3.5 feet below ground surface in grids GRID-1 through GRID-9. Confirmation soil samples were also collected along each of the four excavation sidewalls (Figure 5). Analytical data results for confirmation soil samples collected at Area-1 are provided on Table 1.

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#### 6.1.1 Chlorides

Analytical results for chlorides were below 600 mg/kg for each grid except Grid-8 (3-3.5'). As a result, soil in Grid-8 was further excavated to four feet below ground surface and resampled. The chloride concentration for Grid-8 (4-4.5') was 160 mg/kg, which is below 600 mg/kg. Chloride concentrations in each sidewall, except Sidewall-East were below 600 mg/kg. As a result, Sidewall-East was extended and resampled until chloride concentrations were below 600 mg/kg. Remediation of chlorides in soil has been completed.

6.1.2 TPH

TPH was analyzed on all confirmation soil samples. Analytical results showed TPH concentrations were not detected above the laboratory reporting limit. **Remediation of TPH in soil has been completed.** 

6.1.3 BTEX

BTEX was analyzed on all confirmation soil samples. Analytical results showed BTEX concentrations were not detected above the laboratory reporting limit. **Remediation of BTEX in soil has been completed.** 

#### 6.2 Area-3 - Post Excavation Confirmation Soil Sample Results

Following establishment of the sample grids within the approximate release area, confirmation soil samples were collected from 3-3.5 feet below ground surface in grids GRID-1 through GRID-10. Confirmation soil samples were also collected along each of the four excavation sidewalls (Figure 5). Analytical data results for confirmation soil samples collected at Area-3 are provided on Table 2.

6.2.1 Chlorides

Chloride was analyzed on all confirmation soil samples. Analytical results showed BTEX concentrations were not detected above the laboratory reporting limit. **Remediation of chlorides in soil has been completed.** 

6.2.2 TPH

TPH was analyzed on all confirmation soil samples. Analytical results showed TPH concentrations were not detected above the laboratory reporting limit. **Remediation of TPH in soil has been completed.** 

6.2.3 BTEX

BTEX was analyzed on all confirmation soil samples. Analytical results showed BTEX concentrations were not detected above the laboratory reporting limit. **Remediation of BTEX in soil has been completed.** 

Page 6

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## 6.3 Area-7/8 - Post Excavation Confirmation Soil Sample Results

Following establishment of the sample grids within the approximate release area, confirmation soil samples were collected from 4-4.5 feet below ground surface in grids GRID-1 through GRID-16. Confirmation soil samples were also collected along each of the four excavation sidewalls (**Figure 5**). Analytical data results for confirmation soil samples collected at Area-7/8 are provided on **Table 3**.

#### 6.3.1 Chlorides

Analytical results for chlorides were below 600 mg/kg for each sample grid. Chloride concentrations in sidewall wall samples SIDEWALL-NORTH-1 (0-4'), SIDEWALL-NORTH-2 (0-4'), SIDEWALL-EAST-1 and 1A (0-4'), and SIDEWALL-SOUTH-1 (0-4') initially exceeded the closure criteria of 600 mg/kg. As a result, each of the sidewall areas was further excavated and then resampled. Analytical results for chlorides in the resampled sidewalls demonstrated chloride concentrations were below 600 mg/kg. **Remediation of chlorides in soil has been completed.** 

#### 6.3.2 TPH

TPH was analyzed on all confirmation soil samples. Analytical results showed TPH concentrations were not detected above the laboratory reporting limit. **Remediation of TPH in soil has been completed.** 

#### 6.3.3 BTEX

BTEX was analyzed on all confirmation soil samples. Analytical results showed BTEX concentrations were not detected above the laboratory reporting limit. **Remediation of BTEX in soil has been completed.** 

#### 6.4 Final Data Evaluation

As described above, the affected soil areas were marked within 200 square foot grids for excavation and confirmation soil sampling. Following excavation activities to remove affected soil, confirmation soil samples were collected per the NMAC guidelines. Analytical data for the three areas demonstrate remediation efforts (soil removal) were successful. Final results for chlorides, TPH, and BTEX were either not detected above the laboratory reporting limit (non-detect) or if detected were below all applicable closure criteria. As a result, no further response or remediation action is necessary.

## 7.0 RESTORATION, RECLAMATION & RE-VEGETATION

## 7.1 Restoration and Reclamation Activities

Following excavation activities at the three areas, the excavated area was restored to its natural condition. The excavated area was backfilled using native topsoil (similar to existing silty-sandy very fine-grained soil) from a nearby native source. Following placement and compaction of the new native topsoil material, the area was graded and contoured to match the original topography

Discovery Date: March 3, 2021

of the site area. Upon inspection of the area approximately 55 days following restoration and reclamation, there were no visual indications of erosion.

The area surrounding the remediation areas consists of sparse small to medium scrub brush with little to no native grasses. This is likely due to the silty-sand nature of the native soil matrix and lack of precipitation for the area. On November 17, 2022, Ms. Shelly Tucker of the BLM provided recommendation that Novo utilize BLM #3 seed and consider using a cover crop. In late December 2022 the three areas were broadcast with a mix of native cover grass seed. In January 2023, the area was broadcast with BLM #3 seed mix also containing ryegrass and oat blend grasses. Significant precipitation has been received in the Site area in January 2023. The area will be monitored for growth of native brush and grasses over the following months.

#### 8.0 CONCLUSIONS

On March 3, 2021, field personnel for Novo Oil & Gas discovered a broken connection associated with the permitted temporary produced water line located northeast of County Road 605 (Refinery Road). The release from the temporary produce water line connection was identified quickly by Novo Oil & Gas personnel and the flow of water was immediately shut down. Novo Oil & Gas estimated approximately 200 barrels of produce water was released and approximately 175 barrels of the produced water was recovered using vacuum trucks.

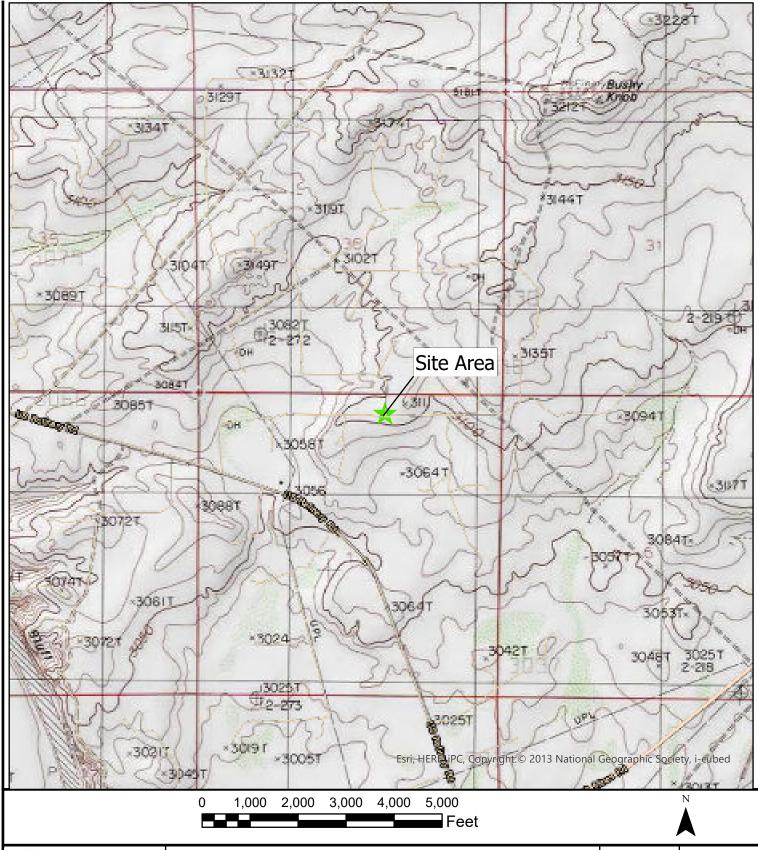
Following the release and initial cleanup efforts, soil assessment activities were conducted to determine the lateral and vertical extent of potential impacts to soil. During June 2022, Novo conducted remediation efforts to remove affected soil at the three areas. Post excavation confirmation soil samples were collected per NMOCD guidelines and submitted to an independent laboratory for analysis of chlorides, TPH and BTEX. Analytical data results, demonstrate remediation efforts have been completed. Following approval for the change in remediation methodology, Altamira disposed of the treated soil and backfilled each remediated area with native topsoil. Each of the three area was restored to general native conditions and seeded using BLM #3 seed mixture.

Analytical data results for post excavation confirmation soil samples for the three areas validate the completion of affected soil removal from the release areas.

- Soil has been remediated to chloride levels less than 600 mg/kg, TPH less than 100 mg/kg, BTEX less than 50 mg/kg, and benzene less than 10 mg/kg.
- Reclamation and restoration efforts have been completed.
- No further response action/remediation is necessary for this release Site.
- Novo would respectfully like to request regulatory closure for Incident ID: nAPP2107849827.



**FIGURES** 



ALTAMIRA

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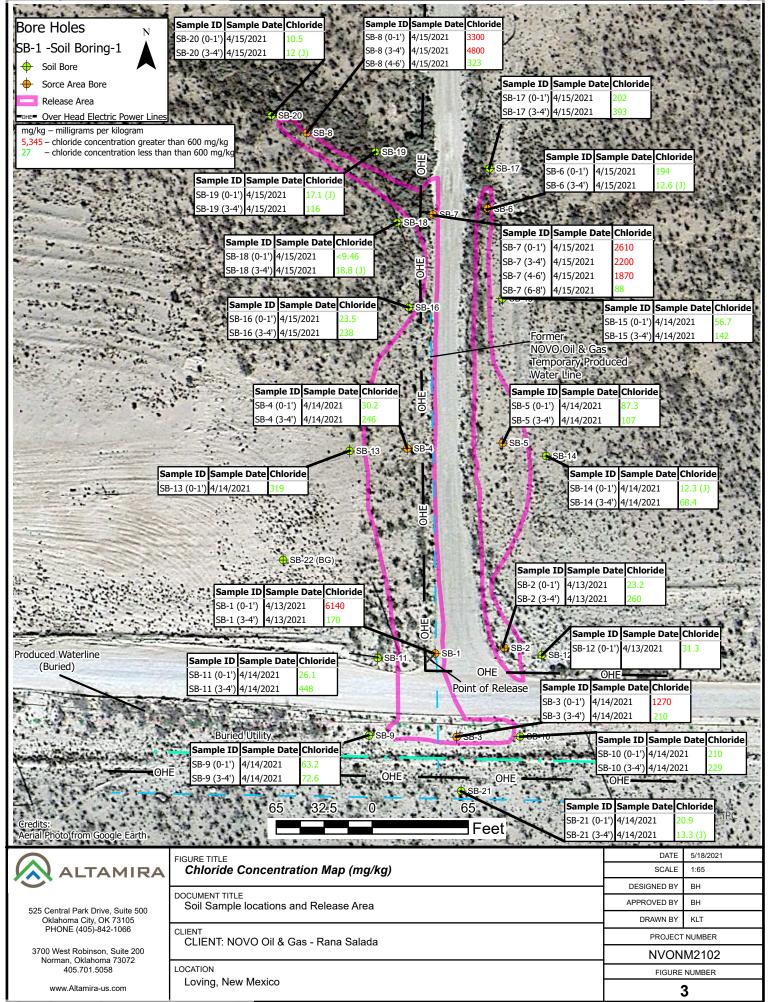
3700 West Robinson, Suite 200 Norman, Oklahoma 73072 405.701.5058

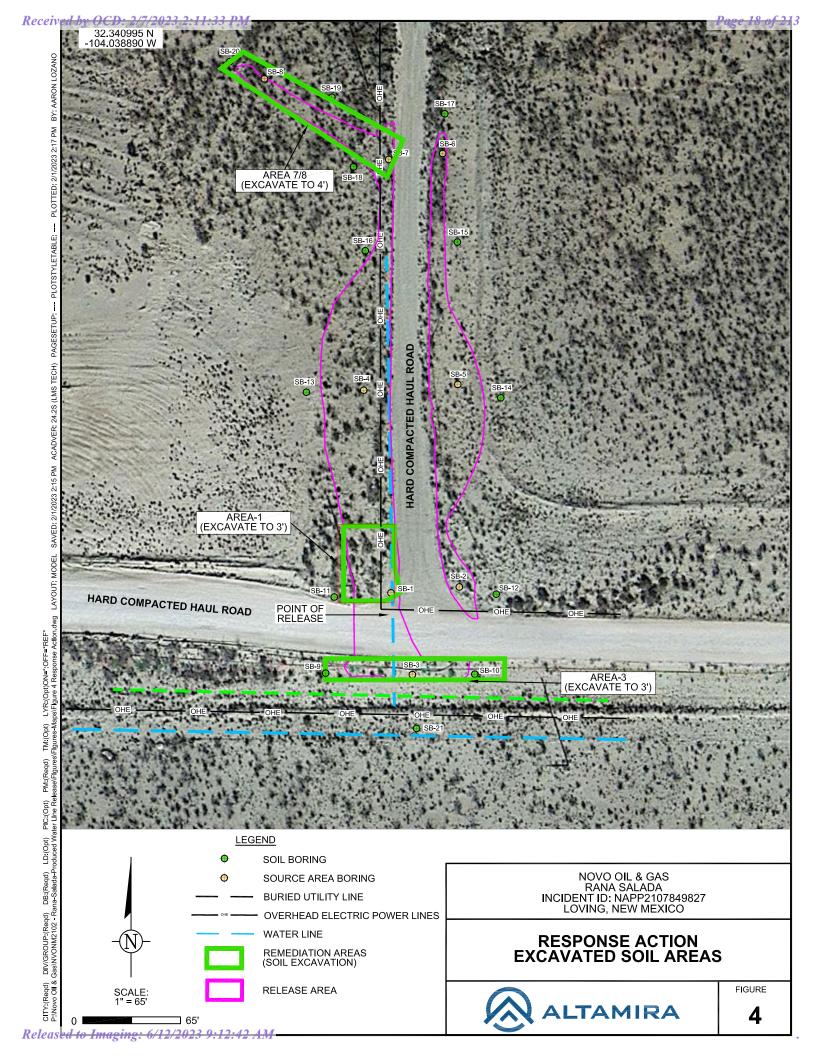
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	FIGURE TITLE	DATE	4/26/2021	
A	Site Area Topo Map	SCALE	1:1000	
			ВН	
	Site Location Topo Map	APPROVED BY	ВН	
		DRAWN BY	KLT	
	CLIENT CLIENT: NOVO Oil & Gas - Rana Salada	PROJECT NUMBER		
		NVONM2102		
	LOCATION	FIGURE NUMBER		
	Loving, New Mexico	•	1	

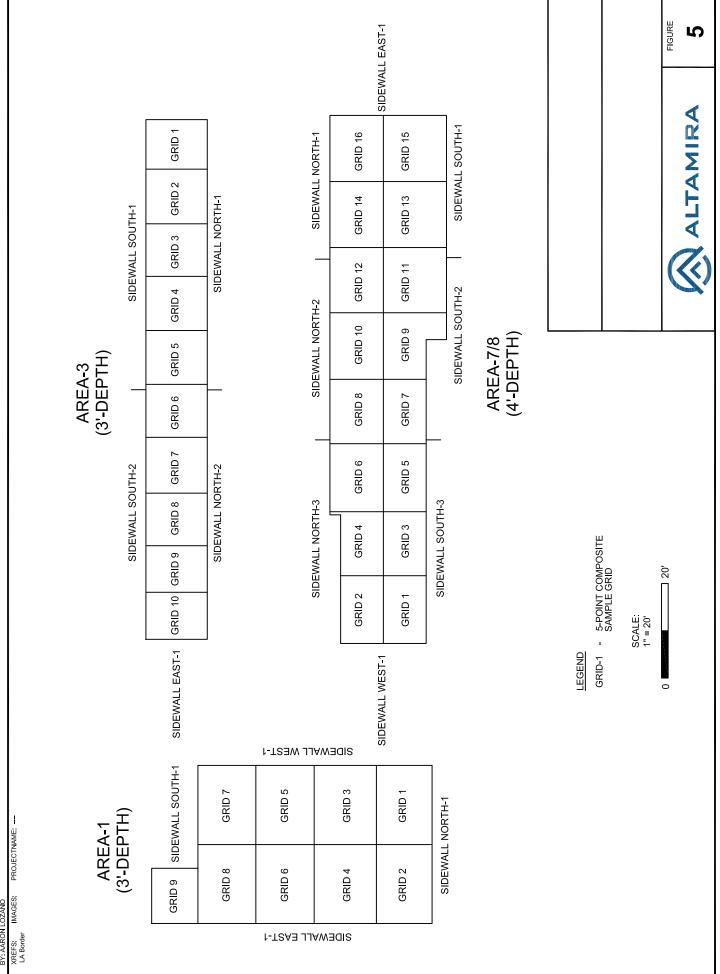


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PINNOVOIN & GasINVONM2102-Rana-Salada-Produced Water Line Release/Figures-Maps/FIGURE 2-SITE LOCATION MAP.dwg LAYOUT: LAYOUT: SAVED: 2/2/2023 3:34 PM ACADVER: 24.28 (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: ---- PLOTTED: 2/2/2023 3:35 PM BY: AARON





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# **TABLE 1**

Analytical Data Results Summary - Post Excavation Soil Samples (mg/kg) - Area-1

# Analytical Data Results Summary - Post Excavation Soil Samples (mg/kg) Novo Oil Gas - Rana Salada (Area-1) Produced Water Release Incident ID: nAPP2107849827 Near Loving, New Mexico

Analyte Method Table I - Closure Criteria (0-	4')	Chloride 4500-Cl-B 600	BTEX 8021B 50	Benzene 8021B 10	TPH (C6-C10) 8015M -	TPH (C10-28) 8015M -	TPH (C28-36) 8015M -	TPH 8015M 100
Sample ID	Sample Date							
AREA-1 Remediation - Post	Excavation Con	firmation Soil Sam	ple Analysis					
GRID-1 (3-3.5')	6/2/2022	272	<0.3	<0.05	<10	<10	<10	<10
GRID-2 (3-3.5')	6/2/2022	496	<0.3	<0.05	<10	<10	<10	<10
GRID-3 (3-3.5')	6/2/2022	208	<0.3	<0.05	<10	<10	<10	<10
GRID-4 (3-3.5')	6/2/2022	160	<0.3	<0.05	<10	<10	<10	<10
GRID-5 (3-3.5')	6/2/2022	272	<0.3	<0.05	<10	<10	<10	<10
GRID-6 (3-3.5')	6/2/2022	80	<0.3	<0.05	<10	<10	<10	<10
GRID-7 (3-3.5')	6/2/2022	96	<0.3	<0.05	<10	<10	<10	<10
GRID-8 (3-3.5')	6/2/2022	<del>2,760</del>	<del>&lt;0.3</del>	<0.05	<10	<del>&lt;10</del>	<del>&lt;10</del>	<del>&lt;10</del>
GRID-8 (4-4.5')	6/4/2022	160	-	-	-	-	-	-
GRID-9 (3-3.5')	6/2/2022	368	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-NORTH-1 (0-3')	6/2/2022	192	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-SOUTH-1 (0-3')	6/2/2022	48	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-EAST-1 (0-3')	6/2/2022	896	<del>&lt;0.3</del>	<0.05	<del>&lt;10</del>	<del>&lt;10</del>	<10	<10
SIDEWALL-EAST-1A (0-3') SIDEWALL-EAST-1B (0-3')	6/4/2022 6/7/2022	<del>1,010</del> 320	-	-	-	•	-	-
OIDEWALL-LAST-10 (0-3)	0/1/2022	320	-	-	-	-	-	-
SIDEWALL-WEST-1 (0-3')	6/2/2022	160	<0.3	<0.05	<10	<10	<10	<10

#### Notes:

All results are in mg/kg

Closure Criteria Soils - Table I of 19.15.29.12 NMAC

TPH - Total Petroleum Hydrocarbons - includes GRO, DRO, MRO

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

<RL - results were not detected above the Laboratory Reporting Limit

- Not analyzed

Bold indicates a detection above the Laboratory Sample Reporting Limit

Shading indicates that a detected result exceeded the NMOCD Table 1 Closure Criteria Levels

Strike-through - Indicates the soil was over-excavated and removed from the site - sample results no longer relevant

ALTAMIRA-US 1 of 4



**TABLE 2** 

Analytical Data Results Summary - Post Excavation Soil Samples (mg/kg) - Area-3

# Analytical Data Results Summary - Post Excavation Soil Samples (mg/kg) Novo Oil Gas - Rana Salada (Area-3) Produced Water Release Incident ID: nAPP2107849827 Near Loving, New Mexico

Analyte Method Table I - Closure Criteria (0-	4')	Chloride 4500-CI-B 600	BTEX 8021B 50	Benzene 8021B 10	TPH (C6-C10) 8015M -	TPH (C10-28) 8015M -	TPH (C28-36) 8015M -	TPH 8015M 100
Sample ID	Sample Date							
AREA-3 Remediation - Post	Excavation Confi	rmation Soil Sam	ple Analysis					
GRID-1 (1-1.5')	6/2/2022	592	<0.3	<0.05	<10	<10	<10	<10
GRID-2 (3-3.5')	6/2/2022	384	<0.3	<0.05	<10	<10	<10	<10
GRID-3 (3-3.5')	6/2/2022	256	<0.3	<0.05	<10	<10	<10	<10
GRID-4 (3-3.5')	6/2/2022	128	<0.3	<0.05	<10	<10	<10	<10
GRID-5 (3-3.5')	6/2/2022	96	<0.3	<0.05	<10	<10	<10	<10
GRID-6 (3-3.5')	6/2/2022	128	<0.3	<0.05	<10	<10	<10	<10
GRID-7 (3-3.5')	6/2/2022	128	<0.3	<0.05	<10	<10	<10	<10
GRID-8 (3-3.5')	6/2/2022	112	<0.3	<0.05	<10	<10	<10	<10
GRID-9 (3-3.5')	6/2/2022	80	<0.3	<0.05	<10	<10	<10	<10
GRID-10 (3-3.5')	6/2/2022	240	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-EAST-1 (0-3')	6/2/2022	96	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-NORTH-1 (0-3')	6/2/2022	496	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-NORTH-2 (0-3')	6/2/2022	208	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-SOUTH-1 (0-3')	6/2/2022	112	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-SOUTH-2 (0-3')	6/2/2022	208	<0.3	<0.05	<10	<10	<10	<10

#### Notes:

All results are in mg/kg

Closure Criteria Soils - Table I of 19.15.29.12 NMAC

TPH - Total Petroleum Hydrocarbons - includes GRO, DRO, MRO

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

<RL - results were not detected above the Laboratory Reporting Limit

- Not analyzed

Bold indicates a detection above the Laboratory Sample Reporting Limit

Shading indicates that a detected result exceeded the NMOCD Table 1 Closure Criteria Levels

Strike-through - Indicates the soil was over-excavated and removed from the site - sample results no longer relevant

ALTAMIRA-US



**TABLE 3** 

Analytical Data Results Summary - Post Excavation Soil Samples (mg/kg) - Area-7/8

#### Table 3

# Analytical Data Results Summary - Post Excavation Soil Samples (mg/kg) Novo Oil Gas - Rana Salada (Area-7/8) Produced Water Release Incident ID: nAPP2107849827 Near Loving, New Mexico

Method Table I - Closure Criteria (0-4') Table I - Closure Criteria (4-10		Chloride 4500-Cl-B 600.0 10,000	BTEX 8021B 50 50	Benzene 8021B 10 10	TPH (C6-C10) 8015M - -	TPH (C10-28) 8015M - -	TPH (C28-36) 8015M - -	TPH 8015M 100 2,500
Sample ID	Sample Date							
AREA-7/8 Remediation - Post	Excavation Confirm	nation Soil Sam	ole Analysis					
GRID-1 (4-4.5')	6/1/2022	16	<0.15	<0.025	<10	<10	<10	<10
GRID-2 (4-4.5')	6/1/2022	32	<0.15	<0.025	<10	<10	<10	<10
GRID-3 (4-4.5')	6/1/2022	32	<0.15	<0.025	<10	<10	<10	<10
GRID-4 (4-4.5')	6/1/2022	32	<0.15	<0.025	<10	<10	<10	<10
GRID-5 (4-4.5')	6/1/2022	512	<0.15	<0.025	<10	<10	<10	<10
GRID-6 (4-4.5')	6/1/2022	224	<0.15	<0.025	<10	<10	<10	<10
GRID-7 (4-4.5')	6/1/2022	704	<0.15	<0.025	<10	<10	<10	<10
GRID-8 (4-4.5')	6/1/2022	1,720	<0.15	<0.025	<10	<10	<10	<10
GRID-9 (4-4.5')	6/1/2022	1,200	<0.15	<0.025	<10	<10	<10	<10
GRID-10 (4-4.5')	6/1/2022	1,340	<0.15	<0.025	<10	<10	<10	<10
GRID-11 (4-4.5')	6/1/2022	944	<0.15	<0.025	<10	<10	<10	<10
GRID-12 (4-4.5')	6/1/2022	1,760	<0.15	<0.025	<10	<10	<10	<10
GRID-13 (4-4.5')	6/1/2022	1,310	<0.15	<0.025	<10	<10	<10	<10
GRID-14 (4-4.5')	6/1/2022	1,500	<0.15	<0.025	<10	<10	<10	<10
GRID-15 (4-4.5')	6/1/2022	752	<0.15	<0.025	<10	<10	<10	<10
GRID-16 (4-4.5')	6/1/2022	528	<0.15	<0.025	<10	<10	<10	<10
SIDEWALL-NORTH-1 (0-4') SIDEWALL-NORTH-1A (0-4')	6/2/2022	<del>912</del> 208	< <del>0.3</del>	<0.05 -	<10 -	<10 -	<10 -	<10 -
SIDEWALL-NORTH-2 (0-4') SIDEWALL-NORTH-2A (0-4')	6/2/2022	<del>720</del> 208	< <del>0.3</del>	<0.05 -	<10	<10 -	<10	<10 -

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#### Table 3

# Analytical Data Results Summary - Post Excavation Soil Samples (mg/kg) Novo Oil Gas - Rana Salada (Area-7/8) Produced Water Release Incident ID: nAPP2107849827 Near Loving, New Mexico

Analyte Method Table I - Closure Criteria (0-4')		Chloride 4500-CI-B	BTEX 8021B	Benzene 8021B	TPH (C6-C10) 8015M	TPH (C10-28) 8015M	TPH (C28-36) 8015M	TPH 8015M
		600.0	50	10	-	-	-	100
Table I - Closure Criteria (4-1	00') (GW >51 feet)	10,000	50	10	-	-	-	2,500
Sample ID	Sample Date							
AREA-7/8 Remediation - Pos	t Excavation Confi	mation Soil Sam	ole Analysis					
SIDEWALL-NORTH-3 (0-4')	6/2/2022	64	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-EAST-1 (0-4')	6/2/2022	1,260	<0.3	<0.05	<del>&lt;10</del>	<del>&lt;10</del>	<del>&lt;10</del>	<10
SIDEWALL-EAST-1A (0-4')	6/4/2022	<del>1,100</del>	-	-	-	-	-	-
SIDEWALL-EAST-1B (0-4')	6/4/2022	400	-	-	-	-	-	-
SIDEWALL-SOUTH-1 (0-4')	6/2/2022	1,820	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-SOUTH-1A (0-4')	6/4/2022	80	-	-	-	-	-	-
SIDEWALL-SOUTH-2 (0-4')	6/2/2022	96	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-SOUTH-3 (0-4')	6/2/2022	32	<0.3	<0.05	<10	<10	<10	<10
SIDEWALL-WEST-1 (0-4')	6/2/2022	48	<0.3	<0.05	<10	<10	<10	<10

#### Notes:

All results are in mg/kg

Closure Criteria Soils - Table I of 19.15.29.12 NMAC

TPH - Total Petroleum Hydrocarbons - includes GRO, DRO, MRO

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

<RL - results were not detected above the Laboratory Reporting Limit

- Not analyzed

Bold indicates a detection above the Laboratory Sample Reporting Limit

Shading indicates that a detected result exceeded the NMOCD Table 1 Closure Criteria Levels

Strike-through - Indicates the soil was over-excavated and removed from the site - sample results no longer relevant

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**APPENDIX A** Notification and Agency Correspondence



# United States Department of Interior Bureau of Land Management Major Undesirable Event Report<sup>1</sup>

## **ATTACHMENT 2**

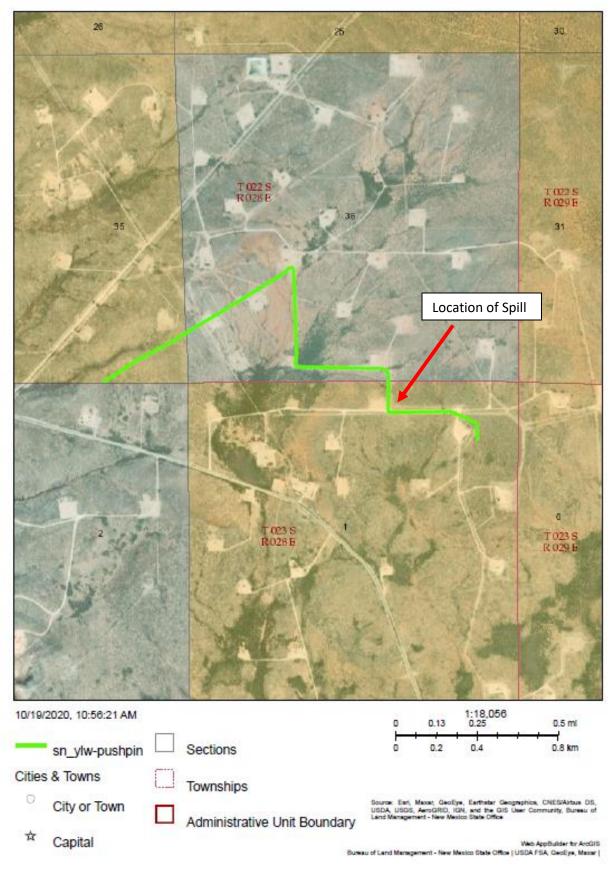
Report Type: Initial 24-Hour X			15-Day/Final □			Ot	Other/Follow-up		
BLM Field Office: Carlsbad					State: New Mexico				
BLM Contact: Shelly Tucker Date of this Report: 3-3-2021									
Company Official Reporting to BLM: Kurt Shipley (Chief Operating Officer)									
Operator: Novo Oil & Gas Northern Delaware, LLC									
Date/Time of Occurrence: 3-3-2021 at 7:30am					Date/Time BLM Notified: 3-3-2021 at 1:00pm				
Field/Unit Name: Purple Sage - Wolfcamp				Lease Number: NMNM91078					
State: NM County: Eddy			Twp:	T23S Rng: R38E Sec: 1			ec: 1	Qtr: NE	
Lat 32.340822, Long -104.03									
Surface Ownership: Federal Fe		Federa	Federal: X		Indian: □			FEE □	
Type and Relevant Details of Event									
Oil Spill □	Oil/Water Spill				Gas Venting□		Toxic Fluid Spill □		
Saltwater Spill X	Other Spill (Specific				Blowout □		Fire 🗆	Fire □	
Injury □	Fatality □				Property Damage □		Explosion		
Nature and Cause of Event:									
Temporary water line failed on top of ground.									
Environmental Impact:									
Approximately 200 bbls saltwater spilled to the road. 400' long x 15' wide  Time Required to Control Event (Hours):  30 minutes									
Time Required to Control Event (Hours):									
Volume Discharged or Consumed:			OIL: bbls WATER: 200 bbls GAS:mcf						
Volumes Recovered:			OIL: bbls WATER: 175 bbls						
Net Volume Lost: OIL: bbls WATER: _25 bbls									
Action Taken to Control Event: Removed water with vacuum truck.									
Resulting Damage: None.									
Clean-Up Procedures: Pending.									
Cause/Extent of Personal Injury: None.									
Actions the operator has taken or will take to prevent a recurrence of the incident:									
Reduction water flow through the line to lower pressure.									
Agency Notification	Agency Name				ontact Name		Date/Time		
	BLM – Carlsbad			Shelly '	Tucker			3-3-2021 at 1:00pm	
(Federal/State/Local):	BLM - Carlsbad			BLM Spill Hotline			3-3-2021 at 3:30pm		

<sup>&</sup>lt;sup>1</sup> As required per *Section III*, NTL-3A, Federal Register Notice Vol. 44-No. 7, Wednesday, January 10, 1979, [NTL-3A] Reporting Of Undesirable Events, Notice to Lessees and Operators; P. 2204-2206

Remarks: Include available Major Undesirable Events (MUE) history (attach additional sheet, if needed) for the past 3 years of the same well. Include pictures, if available

Attachment 2-2

# Rana Salada Pad A to San Mateo





# United States Department of the Interior

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E. Greene St. Carlsbad, NM 88220-6292 www.blm.gov/nm



2800 (P020) CB

#### **DECISION**

Novo Oil & Gas Northern Delaware, LLC : Temporary Treated Water Line Attn: Justin Carter : Rana Salada Pad A to San Mateo

1001 W. Wilshire Blvd., Ste. 206 : Oklahoma City, OK 73116 :

# **Temporary Treated Produced Water Line Approved**

By written email request received <u>August 21, 2019</u>, you submitted a request to install <u>one</u> <u>16-inch</u> treated produced water pipeline across public lands in <u>Eddy</u> County, New Mexico.

The route is more precisely defined on the attached map(s). This approval does not apply to state or to private lands.

The purpose and need for the pipeline is to provide water for Rana Salada Pad A to San Mateo. The lay flat line shall be laid alongside the existing lease roads.

Novo Oil & Gas Northern Delaware, LLC, receives a right to construct, operate, maintain one 16-inch water pipeline with related appurtenances for no more than 180 days across public lands in Eddy County, New Mexico, described as follows: SEE ATTACHED MAP(s)

Subject to the terms and conditions which are shown below, is hereby approved:

- Surface pipelines 6.5 inch to 16 inch OD may be in place for no more than 180 days not including installation. In accordance with your request, this 180 day period is requested to begin October 19, 2020.
- Surface pipeline will be in operation for no more than 180 days; a maximum of seven (7) days authorized for installation of the line prior to operation.
- Surface pipelines larger than 6.5 inch to-16-inch OD may be in place for no more than 180 days from date of authorization; October 19, 2020, unless a SF-299 is submitted within 30 days of this decision expiring requesting a long term pipeline, and processing of the SF-299 is not yet complete at the end of 30 days, in which case the line(s) may be left in place until a decision is made on the SF-299.
- All lines will be removed when no longer in use.

Page 1 of 3 (Rana Salada Pad A to San Mateo)

- Width of authorized use is 10-feet.
- No blading and/or earthwork will be allowed in order to place the pipeline except burying the line under crossings.
- The pipeline will be buried under all intersecting routes, including BLM-designated trails and access roads into caliche pits, rancher watering stations, etc. All such buried crossings will be removed when the pipeline is removed, unless otherwise approved by the Authorized Officer.
- Pipelines larger than 6.5-inch OD may utilize other crossing methodologies (but any fill placed over pipeline must be brought in from off-site).
- Pipeline crossings of fences should be avoided where possible. If a crossing is necessary, contact fence owner [usually the grazing permittee] prior to installation, and install by threading pipeline under the lowest wire of the fence; pipeline should never cross on top of any fence wires.
- The pipeline shall stay within 10 feet maximum of existing disturbance (e.g. lease road, pipeline right-of-way etc.); placement should be within 5 feet whenever possible.
- Placement of pumps or other high-maintenance equipment shall be installed along maintained lease roads.
- Gas or diesel pumps, generators, or compressors shall be placed on visquen matting [or 20 mil plastic] and in a containment structure capable of containing all potentially released fuels. Containments must be protected against wildlife deaths in accordance with oilfield best management practices.
- Due to potential damage to natural resources, no work is allowed during inclement weather.
- Pipeline will be marked with your company's name and contact number, at beginning and ending points, at all public-road crossings, and at intervals not exceeding every 0.5 mile, unless otherwise approved by the Authorized Officer.
- Should unforeseen damage occur to resources, BLM will require reclamation of the impacted land.
- No water may be released into the environment without BLM consent.
- Placement of surface pipelines along or under public roadways may require permits from the road authority.

Page 2 of 3 (Rana Salada Pad A to San Mateo)

- This authorization is limited to lands under BLM jurisdiction. If your proposed pipeline crosses lands under private ownership or under other agency jurisdiction, you are responsible for obtaining all necessary permits and approvals from those parties.
- A copy of the letter and attached map must be available on the onsite location during all installation, operation, and removal operations.
- All applicable regulations in 43 CFR 2800.

See Exhibit A for route stipulations.

Archaeology clearances were reviewed by Patricia Byers, CFO Archaeologist.

Botany, Karst, Potash, Range, Recreation, and Wildlife clearances were reviewed by Chris Bay, CFO Environmental Protection Specialist.

• No rental is required for this request.

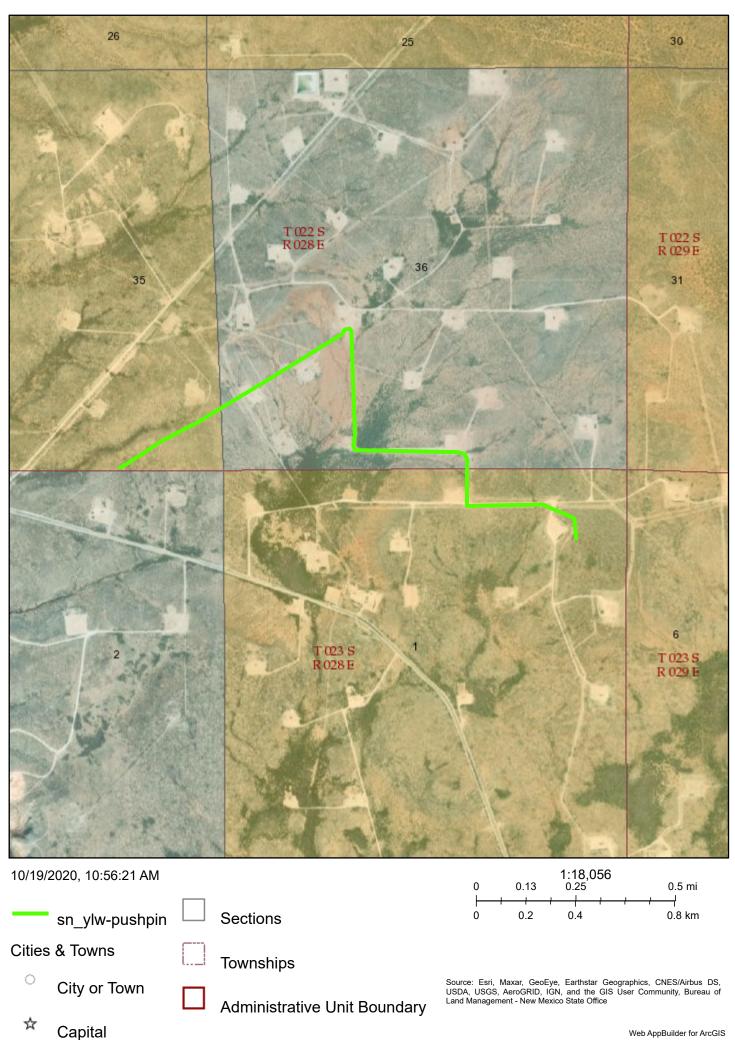
If you have any questions, please contact Chris Bay at (575) 234-5925. Thank you.

Regards,

Robert Gomez

Supervisory Realty

# Rana Salada Pad A to San Mateo



From: Bryan Haney

To: Hamlet, Robert, EMNRD; Bratcher, Mike, EMNRD; Tucker, Shelly J

Cc: Kurt Shipley; Dara Tatum; Orlando Gonzalez

Subject: 48-Hour Notification - Novo Rana Salada Soil Remediation - nAPP2107849827

**Date:** Thursday, May 26, 2022 9:53:00 AM

Attachments: <u>image001.png</u>

This email is being provided as the required 48-hour notification of planned soil remediation and confirmation soil sampling at the above site.

We anticipate beginning soil excavation and confirmation soil sampling on June 1, 2022. Remediation will be conducted in accordance with our approved Remediation Plan. Once soil is excavated and treated onsite, the treated soil stockpiles will remain on site for approximately 15-20 days and then sampled to evaluate treatment of chlorides (TPH and BTEX will also be analyzed per the OCD request). Confirmation soil sampling will be conducted for the native soil areas following excavation on 200 square foot areas and side-walls as applicable. Excavation and treatment will continue until concentrations of chlorides, BTEX and TPH are below applicable cleanup standards.

If there are any questions please reach out to me via email or phone. We anticipate starting treatment of soil on June 2-3<sup>rd</sup>. If you are interested in visiting the site to further explore the technology (ART – Patriot), we would be happy to have you onsite.

Thank you,

Bryan

# Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: Bryan Haney
To: Tucker, Shelly J

Subject: FW: NOTIFICATION OF BACKFILLING OF EXCAVATION AREAS - Regulatory ID No. nAPP2107849827 - Novo

Rana Salada Pad A Remediation

**Date:** Tuesday, October 18, 2022 9:54:00 PM

Attachments: image001.png

Hi Shelly,

See notification of site activities and backfilling below. We plan to be onsite next week to haul soil and begin backfilling. Sorry I did not include you on the original email notification.

Bryan

# Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: Bryan Haney

Sent: Tuesday, October 18, 2022 9:46 PM

**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

**Cc:** Kurt Shipley <kshipley@novoog.com>; Dara Tatum <dtatum@novoog.com>; Orlando Gonzalez <Orlando.Gonzalez@Altamira-US.com>

**Subject:** NOTIFICATION OF BACKFILLING OF EXCAVATION AREAS - Regulatory ID No. nAPP2107849827 - Novo Rana Salada Pad A Remediation

All,

As discussed with Rob today, Novo intends to abort efforts to continue insitu remediation of excavated soil at the above Site. Novo intends to haul and dispose of all excavated soil at the Lea Land Disposal facility. Novo will utilize native soils near the site to backfill the three excavation areas. Note: each excavation area has been sampled per OCD regulations and have met all cleanup standards.

Novo intends to begin site activities on October 23, 2022.

If you have any questions, please feel free to contact myself of Kurt Shipley of Novo to discuss.

Thank you

### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com altamira-us.com



From: Bryan Haney

To: <u>Kurt Shipley</u>; <u>Dara Tatum</u>

**Subject:** FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 140472

**Date:** Tuesday, October 18, 2022 12:48:00 PM

Attachments: <u>image001.png</u>

I just spoke with Rob Hamlet at the OCD. He said we are approved to proceed with hauling of material for disposal and then backfill with clean material. Verbal on the phone was acceptable by Rob.

### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Thursday, October 13, 2022 3:27 PM

**To:** Bryan Haney <Bryan.Haney@altamira-us.com>

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 140472

To whom it may concern (c/o Bryan Haney for NOVO OIL & GAS NORTHERN DELAWARE, LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2209041864, with the following conditions:

• The Remediation Plan is Conditionally Approved. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. The spill rule states, "The samples must be analyzed for the constituents listed in Table I of 19.15.29.12 NMAC". To deviate from the rule, we need a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment. A closure report will need to be completed and uploaded within 90 days.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you, Robert Hamlet 575-748-1283 Robert.Hamlet@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505 From: Bryan Haney

To: BLM NM CFO REALTY Spill; Hamlet, Robert, EMNRD; Bratcher, Mike, EMNRD; Tucker, Shelly J

Cc: Kurt Shipley; Dara Tatum; Orlando Gonzalez

Subject: RE: [EXTERNAL] RE: UPDATE: RE: 48-Hour Notification - Novo Rana Salada Soil Remediation - nAPP2107849827

**Date:** Monday, November 14, 2022 11:05:00 AM

Attachments: <u>image001.pnq</u>

Shelly,

I believe the email below may be from you.

Regarding the Novo Rana Salada Pad A Soil Remediation project, we have decided to move away from the insitu remediation effort and are currently hauling and backfilling the three small soil remediation areas.

I do need to get the recommended native seeding mixture from you ASAP so we can complete reseeding efforts once the three areas are backfilled.

If there are any other concerns or information you need, please let me know and I can provide that. We appreciate your continued help on these projects.

Bryan

### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: BLM\_NM\_CFO\_REALTY\_Spill <blm\_nm\_cfo\_realty\_spill@blm.gov>

Sent: Friday, November 11, 2022 7:45 PM

To: Bryan Haney <Bryan.Haney@altamira-us.com>; Hamlet, Robert, EMNRD

<Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

**Cc:** Kurt Shipley <kshipley@novoog.com>; Dara Tatum <dtatum@novoog.com>; Orlando Gonzalez <Orlando.Gonzalez@altamira-us.com>

**Subject:** Re: [EXTERNAL] RE: UPDATE: RE: 48-Hour Notification - Novo Rana Salada Soil Remediation - nAPP2107849827

Just checking on the status of this cleanup.

**Please note**: In regard to ROW releases, please disregard the letter you may have received from the BLM about the reporting of ALL spills to <a href="mailto:BLM\_NM\_CFO\_Spill@blm.gov">BLM\_NM\_CFO\_Spill@blm.gov</a>. The individual that sent that notification out is in our lease department. That letter <a href="mailto:only applies to">only applies to</a> releases on lease sites and not ROW sites.

All ROW spills and releases (pipelines, layflat lines, flowlines that cross lease boundaries, commercial SWDs, pipeline compressor sites, etc) need to be sent directly to me at <a href="mailto:stucker@blm.gov">stucker@blm.gov</a> and <a href="mailto:BLM\_NM\_CFO\_REALTY\_SPILL@blm.gov">BLM\_NM\_CFO\_REALTY\_SPILL@blm.gov</a>. (underscores \_ are in the spaces).

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The realty side of the BLM is bound under a completely different set of federal regulations and policies. The realty side is also not under the NTL3-A nor do we process Sundry's. I do need the NMOCD C-141, if you send me a BLM MUE form that is fine. I will also need KMZs, pictures, work plans etc.

You are not authorized to begin work without first speaking with me to clear you for initial entry (Archeology, botany, karst, hydrology, wildlife etc.) In some cases, you will need a TUP (Temporary Use Permit) to make changes outside of your approved ROW space. If you do, you will simply file a SF-299 and request a CX. You are authorized to enter the site to stop the release and to remove standing fluid, but you are not authorized to begin remediation activities until you have heard from me. If it is a major event and you need me to get on it quickly, please contact me and let me know.

I am currently working with the State to develop a spill reporting form for the realty side of the BLM. We may decide to use the MUE but at this time it is primarily used on the lease side of the BLM.

**From:** Bryan Haney < Bryan. Haney@altamira-us.com>

**Sent:** Friday, September 2, 2022 3:24 PM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us >; Bratcher, Mike, EMNRD

<<u>mike.bratcher@state.nm.us</u>>; Tucker, Shelly J <<u>stucker@blm.gov</u>>

**Cc:** Kurt Shipley < <a href="mailto:kshipley@novoog.com">kshipley@novoog.com</a>; Dara Tatum < <a href="mailto:dtatum@novoog.com">dtatum@novoog.com</a>; Orlando Gonzalez < <a href="mailto:Corange-altamira-us.com">Corlando:Corange-altamira-us.com</a>>

**Subject:** [EXTERNAL] RE: UPDATE: RE: 48-Hour Notification - Novo Rana Salada Soil Remediation - nAPP2107849827

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Rob, Mike and Shelly

Novo is providing notification of expected re-sampling of the insitu treated soil piles (approximately 50 soil samples) for analysis of chlorides that previously exceeded 600 mg/kg. Altamira anticipates collection of these soil samples on Wednesday September 7, 2022. If you have any questions, please let me know.

Thank you and have a great extended weekend!

Bryan

### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com
altamira-us.com



From: Bryan Haney

**Sent:** Sunday, July 17, 2022 10:10 AM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us >; Bratcher, Mike, EMNRD

<<u>mike.bratcher@state.nm.us</u>>; Tucker, Shelly J <<u>stucker@blm.gov</u>>

**Cc:** Kurt Shipley < <a href="mailto:kshipley@novoog.com">kshipley@novoog.com</a>; Dara Tatum < <a href="mailto:dtatum@novoog.com">dtatum@novoog.com</a>; Orlando Gonzalez

<<u>Orlando.Gonzalez@Altamira-US.com</u>>

Subject: UPDATE: RE: 48-Hour Notification - Novo Rana Salada Soil Remediation - nAPP2107849827

Rob, Mike and Shelly,

Just a quick update. Novo has completed excavation and treatment of affected soil associated with this past release. We will be onsite this week to sample the treated soil piles to ensure they meet the required concentration limits. Once we confirm post treatment concentrations are below applicable limits, we will return the soil to the excavation areas and attempt to re-seed area. This work will be followed by a remediation report submittal.

We will keep you updated on our progress.

If you have any questions please reach out.

Bryan

### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com altamira-us.com



**From:** Bryan Haney

Sent: Thursday, May 26, 2022 9:53 AM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us >; Bratcher, Mike, EMNRD

<mike.bratcher@state.nm.us>; Tucker, Shelly J <stucker@blm.gov>

**Cc:** Kurt Shipley < <a href="mailto:kshipley@novoog.com">kshipley@novoog.com</a>; Dara Tatum < <a href="mailto:dtatum@novoog.com">dtatum@novoog.com</a>; Orlando Gonzalez

<<u>Orlando.Gonzalez@Altamira-US.com</u>>

Subject: 48-Hour Notification - Novo Rana Salada Soil Remediation - nAPP2107849827

This email is being provided as the required 48-hour notification of planned soil remediation and confirmation soil sampling at the above site.

We anticipate beginning soil excavation and confirmation soil sampling on June 1, 2022. Remediation will be conducted in accordance with our approved Remediation Plan. Once soil is excavated and treated onsite, the treated soil stockpiles will remain on site for approximately 15-20 days and then sampled to evaluate treatment of chlorides (TPH and BTEX will also be analyzed per the OCD request). Confirmation soil sampling will be conducted for the native soil areas following excavation on 200 square foot areas and side-walls as applicable. Excavation and treatment will continue until concentrations of chlorides, BTEX and TPH are below applicable cleanup standards.

If there are any questions please reach out to me via email or phone. We anticipate starting treatment of soil on June  $2-3^{rd}$ . If you are interested in visiting the site to further explore the technology (ART – Patriot), we would be happy to have you onsite.

Thank you,

Bryan

### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

From: BLM NM CFO REALTY Spill

To: Bryan Haney

Subject: Re: [EXTERNAL] RE: UPDATE: RE: 48-Hour Notification - Novo Rana Salada Soil Remediation - nAPP2107849827

**Date:** Thursday, November 17, 2022 4:14:14 PM

Attachments: <u>image001.png</u>

You need to use BLM seed mix 3 for shallow soils. You are also authorized to use a cover crop. For this time of year, you can use winter wheat or oats. Whichever is least expensive for you. With this being such a large area, I would recommend a cover crop, but it is not required.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Taylor

Environmental Protection Specialist Realty - Compliance

Bureau of Land Management 620 E. Greene St Carlsbad, NM 88220

575.234.5706 - Direct 575.499.6831 - Mobile

stucker@blm.gov

**From:** Bryan Haney <Bryan.Haney@altamira-us.com>

Sent: Monday, November 14, 2022 7:13 PM

**To:** BLM\_NM\_CFO\_REALTY\_Spill <blm\_nm\_cfo\_realty\_spill@blm.gov>

Subject: RE: [EXTERNAL] RE: UPDATE: RE: 48-Hour Notification - Novo Rana Salada Soil Remediation -

nAPP2107849827

Shelly,

I attached the general site location map/topo and below are the coordinates. Are you located in Carlsbad? Are you back in the office? Thanks for all your help

Lat 32.340822, Long -104.038850

### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: BLM\_NM\_CFO\_REALTY\_Spill <blm\_nm\_cfo\_realty\_spill@blm.gov>

Sent: Monday, November 14, 2022 11:28 AM

**To:** Bryan Haney <Bryan.Haney@altamira-us.com>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Tucker, Shelly J <stucker@blm.gov>

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**Subject:** Re: [EXTERNAL] RE: UPDATE: RE: 48-Hour Notification - Novo Rana Salada Soil Remediation - nAPP2107849827

Yes, it was. Sorry I did not realize my signature line was not attaching to my emails.

What is the GPS for this release so I can send you the correct mix.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Taylor

Environmental Protection Specialist Realty - Compliance

Bureau of Land Management 620 E. Greene St Carlsbad, NM 88220

575.234.5706 - Direct 575.499.6831 - Mobile

stucker@blm.gov

**From:** Bryan Haney < <u>Bryan.Haney@altamira-us.com</u>>

Sent: Monday, November 14, 2022 5:05 PM

**To:** BLM\_NM\_CFO\_REALTY\_Spill < <a href="mailto:blm\_nm\_cfo\_realty\_spill@blm.gov">blm\_nm\_cfo\_realty\_spill@blm.gov</a>; Hamlet, Robert, EMNRD < <a href="mailto:Robert.Hamlet@state.nm.us">Robert.Hamlet@state.nm.us</a>; Bratcher, Mike, EMNRD < <a href="mailto:mike.bratcher@state.nm.us">mike.bratcher@state.nm.us</a>; Tucker, Shelly J < <a href="mailto:stucker@blm.gov">stucker@blm.gov</a>>

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Subject: RE: [EXTERNAL] RE: UPDATE: RE: 48-Hour Notification - Novo Rana Salada Soil Remediation -

nAPP2107849827

Shelly,

I believe the email below may be from you.

Regarding the Novo Rana Salada Pad A Soil Remediation project, we have decided to move away from the insitu remediation effort and are currently hauling and backfilling the three small soil remediation areas.

I do need to get the recommended native seeding mixture from you ASAP so we can complete reseeding efforts once the three areas are backfilled.

If there are any other concerns or information you need, please let me know and I can provide that. We appreciate your continued help on these projects.

Bryan

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Bryan.Haney@altamira-us.com
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We will keep you updated on our progress.

If you have any questions please reach out.

Bryan

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altamira-us.com



**From:** Bryan Haney

**Sent:** Thursday, May 26, 2022 9:53 AM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us >; Bratcher, Mike, EMNRD

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**Cc:** Kurt Shipley < <a href="mailto:kshipley@novoog.com">kshipley@novoog.com</a>; Dara Tatum < <a href="mailto:dtatum@novoog.com">dtatum@novoog.com</a>; Orlando Gonzalez

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Thank you,

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com altamira-us.com



From: Hamlet, Robert, EMNRD

To: Bryan Haney

**Cc:** <u>Kurt Shipley</u>; <u>Dara Tatum</u>

Subject: RE: [EXTERNAL] RE: Novo Rana Salada Pad A site - nAPP2107849827

**Date:** Friday, December 2, 2022 8:34:29 AM

#### Bryan,

If confirmation samples are completed and contaminated material has been hauled off to disposal, send in the closure report for review. Also, please make sure the seeding is completed before the closure report is uploaded.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/

----Original Message-----

From: Bryan Haney <Bryan.Haney@altamira-us.com>

Sent: Thursday, December 1, 2022 3:34 PM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov>

Cc: Kurt Shipley <kshipley@novoog.com>; Dara Tatum <dtatum@novoog.com> Subject: [EXTERNAL] RE: Novo Rana Salada Pad A site - nAPP2107849827

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Rob.

I wanted to provide an update on completion of remediation efforts for the Novo Rana Salada Pad A site. I attached the OCD approval for our original remediation plan. Below is the email notification I provided indicating we were going to simply haul off excavated for disposal and backfill. Confirmation sampling was completed. During a phone conversation October 18, 2022, we discussed discontinuation of the insitu remediation effort and disposal of the treated soil.

Each of the three soil remediation areas were previously excavated, gridded and sampled, and cleared. Each area has been backfilled with clean native soil. Excavated soil is being loaded and disposed of a Lea Land Disposal Facility. Seeding of the are will be conducted the week of December 5, 2022 using BLM #3 seed mix (per Shelly's request).

Should we prepare the closure report following seeding, or do we wait until the area begins vegetation growth?

Do we need any type of formal time extension to complete work?

Thank you for your help,

Bryan Haney, TX P.G Senior Project Manager | 361.658.3126 | Bryan.Haney@altamira-us.com altamira-us.com ----Original Message----

From: Bryan Haney

Sent: Monday, October 17, 2022 12:05 PM

To: EMNRD Hamlet Robert < Robert. Hamlet@state.nm.us>

Cc: Kurt Shipley <kshipley@novoog.com>; Dara Tatum <dtatum@novoog.com>

Subject: Novo Rana Salada Pad A site

Rob

After some internal discussion and cost comparison Novo has decided to not move forward with completing the Site with the ART institu option. Novo is interested in getting this site closed soon. The new plan is to dispose of the treated soil at a disposal facility and backfill the excavations. We will seed the area with the mix suggested by Shelley at the BLM. Again this is the quickest and most cost effective route at this point.

I am assuming this is acceptable and we can move forward?

Thank you for your help,

Bryan

Sent from my iPhone

	Page 52 of 21	13
Incident ID	nAPP2107849827	
District RP		
Facility ID		
Application ID		

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;55</u> (ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No			
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	⊠ Yes □ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> </ul>				
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release				

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.

Boring or excavation logs

Topographic/Aerial maps

Photographs including date and GIS information

☐ Laboratory data including chain of custody

Received by OCD: 2/7/2023 2:11:33 PM Form C-141 State of New Mexico
Page 4 Oil Conservation Division

	Page 53 of 21	13
Incident ID	nAPP2107849827	
District RP		
Facility ID		
Application ID		

	Page 54 of 213
Incident ID	nAPP2107849827
District RP	
Facility ID	
Application ID	

## **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.				
<ul> <li>☑ Detailed description of proposed remediation technique</li> <li>☑ Scaled sitemap with GPS coordinates showing delineation points</li> <li>☑ Estimated volume of material to be remediated</li> <li>☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>				
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.				
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.				
Extents of contamination must be fully delineated.				
Contamination does not cause an imminent risk to human health, the environment, or groundwater.				
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.				
Printed Name: Kurt A. Shipley Title: Chief Operating Officer				
Signature:				
email: kshipley@novoog.com Telephone: 405-286-3916				
OCD Only				
Received by: Date:				
Approved				
Signature: Date:				

Page 55 of 213

Incident ID nAPP2107849827

District RP

Facility ID

Application ID

## **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.					
<ul> <li>☑ Detailed description of proposed remediation technique</li> <li>☑ Scaled sitemap with GPS coordinates showing delineation points</li> <li>☑ Estimated volume of material to be remediated</li> <li>☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>					
110 posed senedule for remediation (note in remediation plan difference is more than 70 days OCD approval is required)					
<u>Deferral Requests Only</u> : Each of the following items must be confirmed as part of any request for deferral of remediation.					
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.					
Extents of contamination must be fully delineated.					
Contamination does not cause an imminent risk to human health, the environment, or groundwater.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Printed Name: Kurt A. Shipley Title: Chief Operating Officer					
Signature: Date:					
email: kshipley@novoog.com Telephone: 405-286-3916					
OCD Only					
Received by: Robert Hamlet Date: 4/12/2022					
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved					
Signature: Robert Hamlet Date: 4/12/2022					

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	NAPP2107849827
District RP	
Facility ID	
Application ID	

## **Release Notification**

## **Responsible Party**

Contact Name Kurt A, Shipley Contact Telephone 405-286-3916  Contact email	Responsible l	Party	Novo Oil & Gas Nort	hern Delaware, LLC		
Location of Release Source   Site Name   Rana Salada Pad A to San Mateo Temporary Treated Water Line   Site Type   Temporary Saltwater Pipeline	Contact Name Kurt A. Shipley				Contact T	Telephone 405-286-3916
Location of Release Source  atitude 32.340822	Contact emai	1 F	kshipley@novoog.co	m	Incident #	# (assigned by OCD)
A Pl# (if applicable)    County	Contact maili	ing address	1001 W. Wilshire	Blvd, Suite 206, OKC	C, OC 73116	
Site Name   Rana Salada Pad A to San Mateo Temporary Treated Water Line   Site Type   Temporary Saltwater Pipeline				Location	of Release S	Source
Date Release Discovered 3-3-2021    API# (if applicable)	atitude 32.	340822		(NAD 83 in dec		<u></u>
Unit Letter   Section   Township   Range   County   B	Site Name	Rana Salada Pad	d A to San Mateo Temporary	y Treated Water Line	Site Type	Temporary Saltwater Pipeline
B 1 T23S R38E Eddy  urface Owner: State Federal Tribal Private (Name:	Date Release	Discovered	3-3-2021		API# (if ap	pplicable)
Surface Owner: State Federal Tribal Private (Name:	Unit Letter	Section	Township	Range	Cou	unty
Nature and Volume of Release  Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)  Crude Oil Volume Released (bbls) Volume Recovered (bbls)  Produced Water Volume Released (bbls) 200 bbls Volume Recovered (bbls) 175 bbls  Is the concentration of dissolved chloride in the produced water >10,000 mg/l?  Condensate Volume Released (bbls) Volume Recovered (bbls)  Natural Gas Volume Released (Mcf) Volume Recovered (Mcf)  Other (describe) Volume/Weight Released (provide units)  Cause of Release	В	1	T23S	R38E	Eddy	
☑ Produced Water       Volume Released (bbls)       200 bbls       Volume Recovered (bbls)       175 bbls         ☐ Is the concentration of dissolved chloride in the produced water >10,000 mg/l?       ☑ Yes ☐ No         ☐ Condensate       Volume Released (bbls)       Volume Recovered (bbls)         ☐ Natural Gas       Volume Released (Mcf)       Volume Recovered (Mcf)         ☐ Other (describe)       Volume/Weight Released (provide units)       Volume/Weight Recovered (provide units)				ll that apply and attach		ic justification for the volumes provided below)
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?  Condensate Volume Released (bbls) Volume Recovered (bbls)  Natural Gas Volume Released (Mcf) Volume Recovered (Mcf)  Other (describe) Volume/Weight Released (provide units) Volume/Weight Recovered (provide units)				, ,		, ,
produced water >10,000 mg/l?  Condensate Volume Released (bbls) Volume Recovered (bbls)  Natural Gas Volume Released (Mcf) Volume Recovered (Mcf)  Other (describe) Volume/Weight Released (provide units) Volume/Weight Recovered (provide units)  Cause of Release	X Produced	Water				, ,
□ Condensate       Volume Released (bbls)       Volume Recovered (bbls)         □ Natural Gas       Volume Released (Mcf)       Volume Recovered (Mcf)         □ Other (describe)       Volume/Weight Released (provide units)       Volume/Weight Recovered (provide units)         Cause of Release       Volume/Weight Recovered (provide units)					hloride in the	X Yes ☐ No
Other (describe) Volume/Weight Released (provide units) Volume/Weight Recovered (provide units)  Cause of Release	Condensa	te				Volume Recovered (bbls)
Cause of Release	Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)		
	Other (des	vscribe) Volume/Weight Released (provide units)		units)	Volume/Weight Recovered (provide units)	
Temporary water lined failed at a connection on top of the ground.	Cause of Rele	ease				
	Tem	porary water	lined failed at a conr	nection on top of the	ground.	
					-	

Received by OCD: 2/7/2023 2:11:33 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

Page 57 of 213

Incident ID	NAPP2107849827
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respor Spill exceeded 25 bbls.	sible party consider this a major release?		
X Yes No				
A telephone call was made	·	om? When and by what means (phone, email, etc)? offices on 3-4-2021 by Kurt Shipley of Novo Oil & Gas.		
	Initial Re	esponse		
The responsible p	party must undertake the following actions immediatel	vunless they could create a safety hazard that would result in injury		
The source of the rele	ease has been stopped.			
The impacted area ha	s been secured to protect human health and	the environment.		
	we been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.		
All free liquids and re	ecoverable materials have been removed and	I managed appropriately.		
Per 19 15 29 8 B (4) NM	AC the responsible party may commence re	emediation immediately after discovery of a release. If remediation		
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: Kurt A. Si	nipley	Title: Chief Operating Officer		
Signature:		Date:		
email: kshipley@novoog	g.com	Telephone: 405-286-3916		
OCD Only				
Received by: Karen C	ollins	Date: 4/16/2021		



**APPENDIX B** Photographic Documentation



View north at water line and area of release



View at produced water line connection/release point



View showing installation of SB-1 boring location



View south at road and areas on each side of road - release area



View east at area south of release point



View north at site area



View Southwest at Area-1 Pre-Remediation



View South at Area-1 Excavated Area



View South at Area-1 Excavation Area and Sample Grids



View West at Area-3 Remediation Area



View West at Area-3 Remediation and Excavation Area with Sample Grids



View North at Area-7/8 Remediation Area



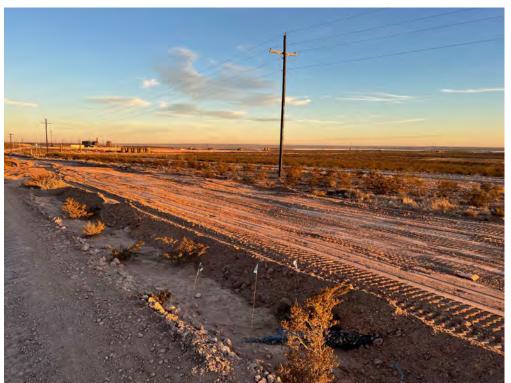
View Northwest at Area-7/8 Remediation Area Excavation and Sample Grids



View of Affected Soil Stockpile



View Northwest at Area-1 Backfilled and Graded



View East at Area-3 Backfilled and Graded



View North at Area-7/8 Backfilled and Graded



**APPENDIX C** Field Documentation

Page 69 of 213 Received by OCD: 2/7/2023 2:11:33 PM 6/1/202 Novo Roma Salada 0200 deport to tel for get The d Supplier OR53 Arrive a softe soll treatment craw onsite a welder pleasing that bor on sxcolor broken water waiting on the locakers do amingon 5-1e Not prival onsite. He said he would there shortly t call Not prival on 5. te.

figo line companies companies.

2842 Sufoky Meeting conducted Topis course:

Spie: Kond hat Sufoky glasses Steel to boots Sufety dost

Ity deption: don't planty of weeter It you are thirsty its too woldfite: Snales spides scorpions pos Overhead tower free use sporter under ground withit's walk successful provided slowly look for sighting area (3) to Again 4' Blos. 25/18 Mark all Avea with 2 Good States 0936 Completel confirmation of Area SA & Areass hacadation corears. Strd waiting on Flat bur to po wolled to Excevator Bucot to be confleted. We will be storing Startong @ Area 9 & by Komoring Brush & joling of them Stust excavation down to 4 BGS. 0944 agripment mosed to Area 788 to begin Brush Romovel Heir Stort excavating. Photos of progress will be taken 10 de vegitutor Rendred complete Now engavering Soil closes to 1139 (rew feeling Break to go get lunch. Dovant Nove line locate less have Boon omsthe Novo Ischaen Devon WIN Bo Orsife when we cross low with a courter + Bogin Ix calleton new their lages 1145 will Bagin marking grads In 78 8 Area excava then, 1220 completed overlying grids 1-6 grids and morked with pink stakes with orange, Plagging 13 53 flams pipo por on site to verity location of this I'me Plians line Es Clear of our waste work Arean Released to Imaging: 6/12/2023 9:12:42 AM Rite in the Rain.

L Rage 70 of 213 Received by OCD: 2/7/2023 2:11:33 PM 6/2/2021 NOVO lava Salader 0900 dejust hoto 1 to deliver agles to Land OK/8 deliver Sugles to hab Returning do 57 he 1011 ( 5) Le Area I Excavation conglete Spole to Miles let him know that Down Rep willso on site 1130-1200 fin to Ossowie Start of work on South Extendion 14 rea 3. They are Referen equipment of flow, take lene's HAdbo But @ 1200. Orlando to Briloch side woulds 1/8 ZXCovation Min Congleted maring out 7/8 excess for Sible wells Grids 36.5x4' 1124 Stout some collection on side wells of 7/8 excevery, 140 completed site well sould complet from Down Perfor on l'atriot town Good to move will Stort goils on Areal. 1247 Dirt put putowar peron lones 13 08 Start Ex Calletion of Aven 1 1319 called bry on to discuss Area 1. HoffingRock @1" Des. Bryon Soil to day As wo can And go us deepers restite. Henry be on site storthy. Area 1 girds Are being murked 12x16 grids for 1928 feet 3x:05 13 40 Bryon ongity completed Gridding Area 1. 1400 Bosin collecting Area 1 Suples 1500 longleted collecting Area 1 simples. sigles In cooler with The Extrevation of Area 3 conduces 1600 Stort Setting up ortis in Area 3 Goods will Be 11'x12' total longth of en covation 121,5 Long 1655 Bog in Single collection of Floor of Area 3 Collection of Al Agor 3 Smiles collected plused to cooler excertation Slopes up alue to Rock @ vestend Across en alth of 1816 deport Site

Page 71 of 213 Received by OCD: 2/7/2023 2:11:33 PM 6/3/2022 Nove Rema Salecta degent the tel to fake sigles to has Intilass 0818 Annie @ has to digit suples D835 deput hob for 1009 Arrive @ 5The Patrot 50 ft my by Machine to begin presidence soil, off looking totas of freet unt themice 1100 Patriot crew off ste to get lunch 1403 Patroot Crow buckonsife potting putorn chemicalamoung such water truck offiche to fill up with water to \$6 hove every there leady to Segm Spil tradtment Mitch lef me know they got 3500 sall of trip. Ho Said that No load tichete Available 1401 Water truck bank with first look of wateragers 3500509 Softmy up to Start freutry soils 1405 Juson Hawley Stopped by SIZE Styed for Sewing, then left 1453 other port of Patriot (row Arrived on site with chiesel to feel equipmet oliving soil trackment 15 17 Soil shreading unit Boxeng Moved to Soil Stock pile 1529 Soil shreading unit Started to be to spater 15 33 Soil treating Bogins 1843 court shot dover do clean spray Notellas 1558 cunt Burkon treating soil Boyan concerny single Results not 1654 Spoka With Area 1: Grab 8 East wall Area 7/4: Northwall-1 Northwall-2 Bastwell & Southwall Will Excupate Area | Grid 8 to 4 PGS, Eastwall on add Found 1-2' April & And Aren 0/8 Birle well out in Respected director on additioned 3' 180301703, Tos stopped due to light from with To 10 mls of work sita

Nove Rena Salada OSOK Horized site meet with Mitch. Hasaid operators world so here soon, We want to much out strong of exceeded from @ Area 7/8 + Areal. Arca 7/8: Northwell 1+2 will Expossible 2' North Three 7/8: Eastwell 3' additional to East Area 78: South wall I Additioned 3' to south Area 1 gril BExaculto to 4 1565 Aroa ( Enstwall 12 x courate 2' East: #6 this will be cex fent of pass Far East con poex curcifed due to Legso Road Edge Sugle Ins Aven 78-5: de well-North 14(0-4) Area 7/8- Si Newall, North 24 (0-4) Arca 7/8 sidewall- Fast 14 (0-4) Area 7/8-5 hewell-South 1A LO-4) Mren1-GETA8 (4-4-5) Areas - 5, lewell-East 14 (0-3) 0912 operators Arrive on site Sefety mosting conclusionst we showed them Arcus to IX covate. Equipment & to Bo in spected. 0931 Start Assal Eastwall. Excavator to Truck in to excavely to perform work 1027 East sikasul Arral congleted heroving excadated sort with loader to movo to stoller 10 1100 completed side wall forto & & Arca I will collect East side wall 14 + CATB & (4-4.5) Excavater moved to Arca 7/8 + Storting at South site weed 18 nos laterof crow leaving site Forling Browk 1238 futriot crew buck to madating @ free 1/8. llening cy loose Spit on South Side + Tast si lewalli 1255, Excavator moved to North site well & 7/8 Arca 1336s want to collect sideway East 17 + Siderall wall 1A +2A to be completed & clear to collect sights 1417 North side of Area 4/8 excadelad 22,5' To North Excaveron Being Cleanofort to Bo-able to get sile wall sopler
1438 1428 North site of 7/8 Area completed well collect
2 mg/el From North wadjo + North wall 2 A
1443 5-glos on Fee Protriot Mourney excava by soit to stockpyle for treasonant Released to Imaging: 6/12/2023 9:12:42 AM Peter 4. P.

Received by OCD: 2/7/2023 2:11:33 PM 6/6/202 Z Page 74 of 213 Now Rema Salayler 06 50 depart Hotel to delover singles collected Sockercher do has. 0743 Avrile @ site soil tract ment no process, con soil down Stoke with Mitch About stock poling treated soil- Afect to make stock polis 5 horter And to proceed out to make it casion to lollect conformation sugles in 7.5 cufed grids at late date. Her going to have looder operator shorten stock pites for us. water. Using more water as set they are cessy water for dust guppossione 1120 Crew off site for lunch 1252 Adusto Back on site futriot (rowonsito, weiter on alafe tout to lotern 1144 Orlando Offsite Dyat lunch 1343 Water truck Buch Setting up to continue Saltreatment
1408 latriot crew offsite. Stoke with mike & Mitch
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Received by OCD: 2/7/2023 2:11:33 PM Page 75 of 213 6/7/2022 Nowokur Salada 0655 defait for Site 0719 onsite crow inspeating aguifment Walked Arcal of Area 1/8 to show them where verneed to exceptate more on Area 1 5act side wall only how , Appri I sile wall we can lamine with out letting unto bod base Have 4-5' & spine @ 7/8 from Eust sille, 0739 Stut excusion of @ Aron 13th wall Est 1B (8-3) will Removed Approx 1' to East 0802 Recript message From Bryon that Kirt Shiply of Novo will be onside today 08 10 Area 1-5; he wall- East 18(0-3) Area excavabed will so collect 56/3 Sample Areal- 5/ hewell-Easty B(0-3) collected. Crew Reinstalling Sufety Force & Removers Spil from exceptated from toput on Soil stockpile. 0836 Exculator moved de Arca 7/8 to exculato fast entel from the Nell Nemora 3" do the cast 0912 Sile wellest 1B O Area 7/8 excavafing completed with go collect companite suple. 5918 Coffected Area 9/8- Side oull-sustisto-4) Suple on The heading to deliver to hub. Patriot to stay of Stant Soil freatment 12 27 Barto a site Patrio t crow on Usch Browle de 13:05 Putrio t crow Barton site propping to Start soit Rossme Soil transmit 1367 kurt Shipply, Tim, + Pera onsite do Obessio porses dasoil treat man 1324 NOVO Team of site 1438 Water fruck leaving sites to get more weefu for solds.

I dist suppression, soil treatment stopped antil truck he torn

looder moving freested soil 1600 Water truck poek setting up to contrato treatment of 1608 Soil freating Pasumos 1715 soil product dine fortoday " 1720 865 120 Released to Imaging: 6/12/2023 9:12:42 AM

Received by OCD: 2/7/2023 2:11:33 PM 6/8/2027 Page 76 of 213 NOVE Rura Saluxa 0655 depart hotel forsite
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### CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marfand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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Observed Temp. °C Bacteria (only) Sample Condition □ Yet □ Yes Cool Intact Standard Rush RUSH Correction Factor -0.5°C Turnaround Time: REMARKS: CHECKED BY: (Initials) Shallioner Sample Condition
Cool Intact

| Yes | Yes | Yes | No | No | No Received By: Observed Temp. °C3.52 Corrected Temp. °C 3.02 Date: 33 Date: Time: Sampler . UPS - Bus - Other: Delivered By: (Circle One) Relinquished By:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Released to Imaging: 6/12/2023 9:12:42 AM

### CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	HLTAN R				H		BILL	1.70					4	ANALYSIS		REQUEST	UEST				
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Bacteria (only) Sample Condition
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| Yes | Yes
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Yes Z Yes

No D No Received By: Received By: Observed Temp. °C 3.5° Corrected Temp. °C3.09 Date: 08:3-3 Time: Date: Sampler - UPS - Bus - Other: Delivered By: (Circle One) Relinquished By: Refinquished By:

Observed Temp. °C Corrected Temp. °C

## CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Nam	ie: HTAN BA	118	BILL TO		ANALYSIS REQUEST	1
Project Manag	PRYIN HANG	P.O. #:	DUBERT RAL			
Address: 1429 City: CC	PUND B	Company: Attn:	Nond			
Project #: NV		City:				
Project Name: NOVO	PRIMA	State:	Zip:			
Project Locative	-	Phone #:				
Sampler Name:	The state of the s	Fax#:				
FOR LAB USE ONLY		IX PRESERV.	SAMPLING			
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Verbal Result: ☐ Yes ☐ No Add'I Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

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Add" Phone #:

Bacteria (only) Sample Condition Cool intact
Ves Ves Standard Thermometer ID #113 Correction Factor -0.5°C Turnaround Time: CHECKED BY: (Initials) Sample Condition Cooi Intact Observed Temp. °C 3.5° Corrected Temp. °C 3.06 Time:

> Sampler - UPS - Bus - Other: Delivered By: (Circle One)

## CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Observed Temp. " Corrected Temp. ? Bacteria (only) Sample Condition Cool Intact Observed Temp. ° ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. ' All Results are emailed. Please provide Email address: ☐ No Add'I Phone #: 向向 Standard Thermometer ID #113 Correction Factor -0.5°C Turnaround Time: Verbal Result: REMARKS: CHECKED BY: (Initials) Spectronery Sample Condition
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### CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:			BILL TO			ANALYSIS REQUEST
Project Manager: Address: 142 City: (C. Phone #: 361 % Project #: NV@N Project Name: { Project Location: Sampler Name:	129 PUNTA BONDALC. 1658-3 12 6 FAMEL STALADH NOVO RIMME SALADH 11. LOUINIL, NM	Zp: 78416 B.H	P.O. #: ONATA Company: Company: Company Attn: Address: Attw/ City: State: Zip: Phone #: Fax #:	OUG ONG		
говтив изс окт. Lab I.D.	Sample I.D.	## CONTRINERS # CONTRINERS # CONTRINERS # ASTEWATER # ASTEWATER  # AST	PR CODINERS CE COOL COLUMBRASE COOL COLUMBRASE COLUMBRA	SAMPLING THE TIME	C.Hruson BIEX	
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+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Observed Temp. °C Corrected Temp. °C

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL

101 East Marland, Hobbs, NM 88240

Sanpany Nam	(5/5) 393-2326 FAX (5/5) 393-24/6	9	-	BII	BILL TO		Ì	ANAI VSIS	REDITEST	1	
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OR LAB USE ONLY	Sample I.D.	(G)PAB OR (C)OMP. # CONTAINERS # CONTAINERS WASTEWATER WASTEWATER SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL	SLUDGE : THER	PRESENTATION ACID/BASE: SERV	SAMPLING DATE TIME	HAT	CHruba				
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Cool Intact

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Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:

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ANALYSIS REQUEST		
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To Yes Thes Observed Temp. °C 「一人 Corrected Temp. °C O O Time: ampler - UPS - Bus - Other: elivered By: (Circle One)

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

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Standard Nush SP

Thermometer ID #113 Correction Factor -0.5°C

Turnaround Time:

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Corrected Temp, °C

† Cardinal cannot accopt verbal changes. Please email changes to celey.keene@cardinallabsnm.com

0. (Initials)

Cool intact

Corrected Temp. °C 3, 4

Sampler - UPS - Bus - Other:

## **CARDINAL** Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

BILL TO ANALYSIS RECLIEST	Spines for Spines (Spines Spines Spin	DATE SAMPLING THE	64/1021/4 64/1021/6 64/1021/6 64/1021/3 64/1022/3	To the annoust paid by the client for the within 30 days after completion of the applicable nother incurred by client its subsidiaries.	Verbal Results are emaled by
Company Name: PLTPA IN A Project Manager: BRYIN H ANKY	Zip: 7844	Sample I.D.  (G)RAB OR (C)OMP.  # CONTAINERS  WASTEWATER  SOIL  OIL  OIL  ACID/BASE:  RATAX  SOIL  OIL  OIL  OIL  OIL  OIL  ACID/BASE:  AC	****	EASE NOTE: Liability and Demision. Cardinal's liability and client's exclusive remedy for any claim saleing whether based in contract or fort, shall be limited to the amount paid by the client for the annount paid by the client for the saleing whether has a made in willing and needwad by Cardinal within 30 days after completion of the spiciation of air related to the performance of aerices the includent without initiation, business inhangen, business inhangen, business in the client for the client for the subsidiant of a related to the performance of aerices the integral less then the client for the subsidiants.	They I Received By:

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## CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

State: T. Zip: 7 SM. Attn: Now. SM. Attn: Now	Company Name:	ne: HLTAIN IR A	BILL TO		ANALYSIS REQUEST
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The control of the co	Address:	YUNDA BUNDAN	Company: Company		
Project Owne: B State: B	Phone #: %	State: 7	Address: Com		
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Sample I.D.  Sample I.D.  Sample I.D.  ACIO/BAB OR (C)OMP.  ACIO/BAB OR	Project Locati Sampler Name	on: Louinie, NM	*		
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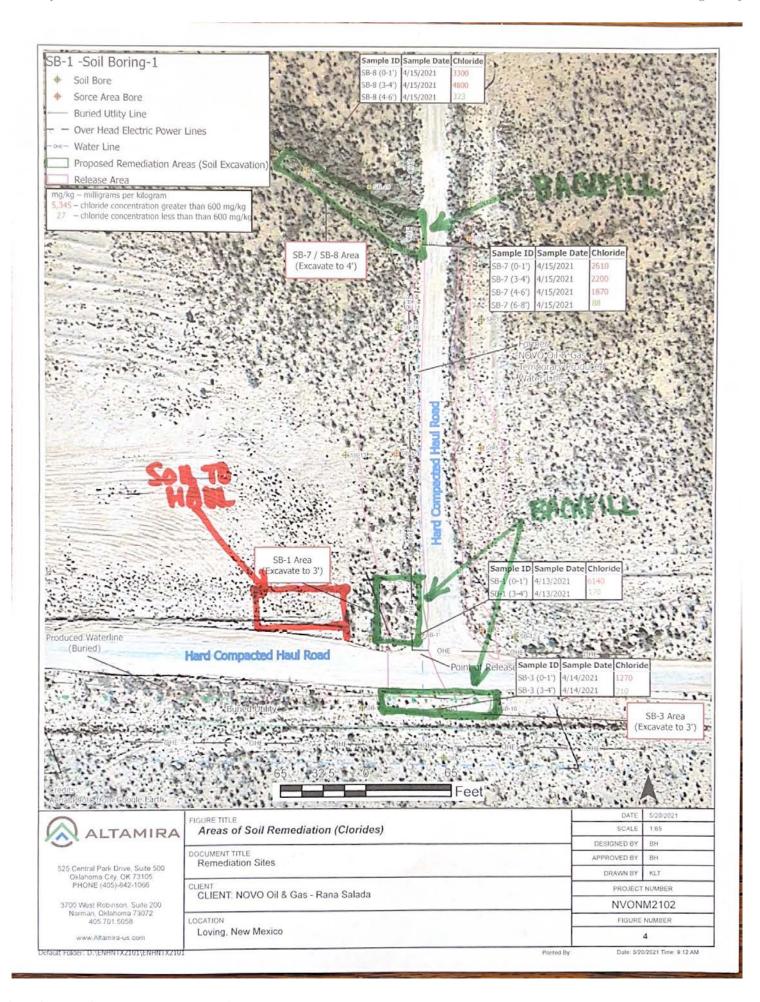
Standard Bactera Rush Cool Infact O Thermometer ID #113 Correction Factor -0.5°C Turnaround Time: REMARKS CHECKED BY: (Initials) Sol Sample Condition
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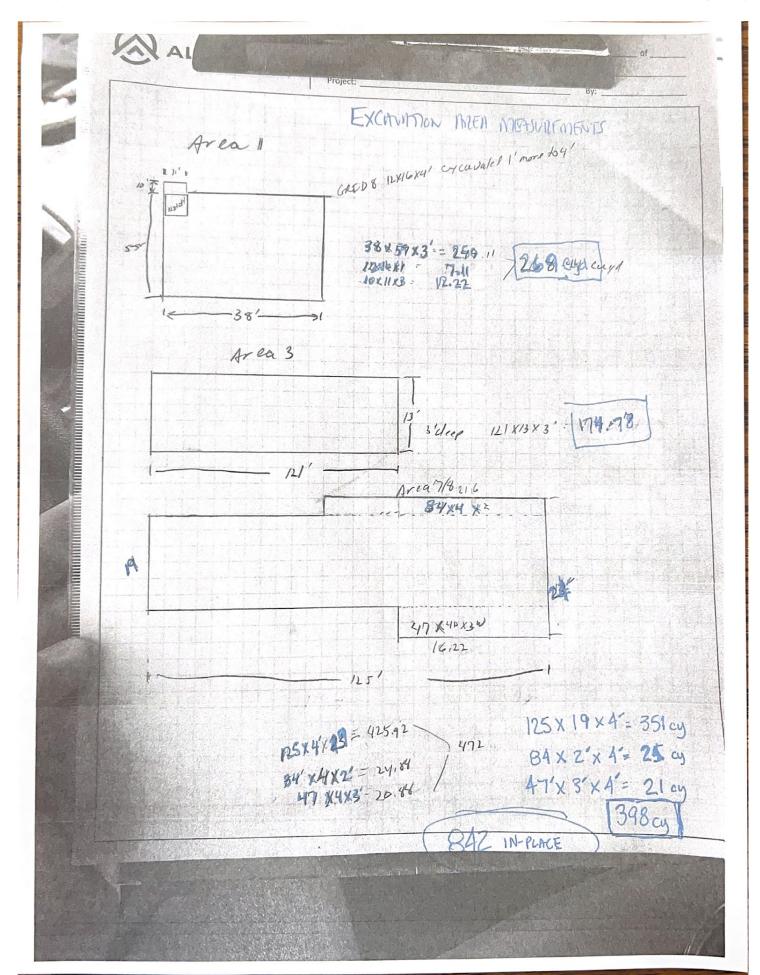
> Sampler - UPS - Bus - Other: Delivered By: (Circle One)

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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Released to Imaging: 6/12/2023 9:12:42 AM





Page 89 of 213
\_\_ of \_\_\_\_\_ Received by OCD: 2/7/2023 2:11:33 PM Project: Lena Salada owlhed Loase load

Released to Imaging: 6/12/2023 9:12:42 AM

Page 90 of 213
Page: \_\_\_\_\_\_ of \_\_\_\_\_ Received by OCD: 2/7/2023 2:11:33 PM ALTAMIRA Date: 6/8/2012 Project: Rung Ja /4 da Brea 7/8 CAS of Excadadus 32,3419724 32.341 76 -15463916 -32,34174 32.34/84 -164.03907 -32.34178 32.341 85 Released to Imaging: 6/12/2023 9:12:42 AM

Received by OCD: 2/7/2023 2:11:33 PM Page 91 of 213 Client: 1800
Project: Rana Salada AKA Date: 6/2/2022 Ву: Leaso Loasoload Released to Imaging: 6/12/2023 9:12:42 AM

Page 92 of 213
Page: \_\_\_\_ of \_/
Date: 6/8/2012 Received by OCD: 2/7/2023 2:11:33 PM ALTAMIRA Client: Novo Project: fanasalado Araa 1 Ву: С 32,34/02 94 132,34100 32.34090 71040388° 32.3404 (32.3408?104.05887 Area 3 Released to Imaging: 6/12/2023 9:12:42 AM

Page 93 of 213 of \_\_\_\_ Received by OCD: 2/7/2023 2:11:33 PM Page: ALTAMIRA Date: 6/3/2022

By: 8 Project: Remasalada fraa 3 GATO 1/X/17 Cu.

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Page 94 of 213

Page: \_\_\_\_\_ of \_\_/

Date: \_\_\_\_/ 8/2022

By: \_\_\_\_\_ Received by OCD: 2/7/2023 2:11:33 PM ALTAMIRA Client: NOVO
Project: Auna Sahda Aveo 3 3234071 13,104.03856 52.34066 -104.03856

32.34659

-104,03895

32.34074

- 104 68893

Released to Imaging: 6/12/2023 9:12:42 AM

### Guadalupe Mountain Farm, Ranch, & Show Supplies

2838 Pecos Hwy January 10, 2023 Carlsbad, NM 88220-9505 (575) 988-3508

4:08 PM

Receipt: TNEH

Authorization: 823263

AMERICAN EXPRESS AID AO OO OO OO 25 O1 O8 O1

BLM #3 2 ACRES BROADCAST

\$550,00

Custom Amount

\$140.00

Subtotal RE

\$690.00 \$41.11

Total American Express 2243 (Contactless)

\$731.11

\$731.11



**APPENDIX D** Waste Management Documentation

### LEA LAND, LLC

### **OIL FIELD WASTE LANDFILL**

1300 W. MAIN STREET OKLAHOMA CITY, OK 73106

PHONE:

405-236-4257

FAX:

405-236-4261

Bill To:

JASON HAWLEY NOVO OIL & GAS 100 WILSHIRE BLVD. #206 OKLAHOMA CITY, OK 73116 **INVOICE** # 32274

Date:

12/8/2022

P.O. Number:

Charge to:

Rana Salada Fed

Com 0106 236H

**Date(s) of Service:** 11/30/22 - 12/01/22

Manifest #:

See Attached List

Ship Via:

Kauk Const.

Qty	U/M	Description	Unit Price	Total
1,090.13	Tons	Non-regulated & non-hazardous waste (soil)	\$20.00	\$21,802.60
		Landfill located at Carlsbad, NM		
			Subtotal	\$21,802.60

**TERMS: NET 30** 

Sales tax rate

Sales tax

Total

\$21,802.60 5.375% \$1,171.89 **\$22,974.49** 

Make all checks payable to LEA LAND, LLC

If you have any questions concerning this invoice, please contact: Shelley Denton at 405-249-1667, E-mail: shelley@lealandllc.com

Thank you for your business!

### Novo Oil & Gas Weights Statement - Total Received

	Manifest			
Receive Date	Number	Lease Name	Weight (lbs.)	Weight (Tons)
11/30/2022	166062	Rana Salada Fed Com 0106 236H	84,360	42.18
11/30/2022	166063	Rana Salada Fed Com 0106 236H	79,820	39.91
11/30/2022	166064	Rana Salada Fed Com 0106 236H	85,860	42.93
11/30/2022	166065	Rana Salada Fed Com 0106 236H	80,300	40.15
11/30/2022	166066	Rana Salada Fed Com 0106 236H	94,300	47.15
11/30/2022	166071	Rana Salada Fed Com 0106 236H	120,320	60.16
11/30/2022	166109	Rana Salada Fed Com 0106 236H	123,000	61.50
11/30/2022	166110	Rana Salada Fed Com 0106 236H	130,080	65.04
12/1/2022	166179	Rana Salada Fed Com 0106 236H	216,420	108.21
12/1/2022	166180	Rana Salada Fed Com 0106 236H	264,160	132.08
12/1/2022	166207	Rana Salada Fed Com 0106 236H	208,240	104.12
12/1/2022	166208	Rana Salada Fed Com 0106 236H	135,620	67.81
12/1/2022	166209	Rana Salada Fed Com 0106 236H	179,840	89.92
12/1/2022	166210	Rana Salada Fed Com 0106 236H	82,520	41.26
12/1/2022	166225	Rana Salada Fed Com 0106 236H	169,820	84.91
12/1/2022	166264	Rana Salada Fed Com 0106 236H	125,600	62.80
		TOTALS:	2,180,260	1,090.13
			lbs.	Tons

### Lea Land Landfill New Mexico

Mile Market # 64 US Highway 62/180 30 miles East of Carlsbad, NM \* (505) 887-4048

Released to Imaging: 6/12/2023 9:12:42 AM

58h	LEA LAND DISPOSAL MILE MARKER #64 US HWY 62/180 • 30 MILES E		ľ			XIC	0		
	LEA LA	ND, LLC A CITY, OK 73106 •	PHONE (	405) 236-42:	57 <b>Cru</b> n	E G	hte		
NON		66062	1. PA	GE_OF_	2. TRAIL	ER NO.	#1O.		
Ğ	3. COMPANY NAME  NOVO OIL & GAS  PHONE NO.  4. ADDRESS 1001 W. Wilshir		,						
E.	(405) 286-4391975 - CITY  Oklahoma :	. 7311		NRCC I.D. ŅO	). , .				
=. ′	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
	Non-Regulated, Non Hazardous Waste	يرين والوالية والمار عدايد	: 12.50	<del>  ''  </del>		_	-		
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	12. COMMENTS OR SPECIAL INSTRUCTIONS:	ا ادا	<del>'</del>	<b>'</b>	13. WASTE PI	ROFILE NO	Ö.		
A	RANA SALADA FED COM 0106 236H	told	· •	Alter & are		<del></del>			
T	14. IN CASE OF EMERG NAME PHONE NO JOE: ONTIVEROS 575-887-4048	·-	<u> </u>	NIACT	24-HOUR	EMERGEN	NCY NO.		
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable states.	the contents of this c	ondition fo	or transport b	y highway acco	ording to an	plicable		
	PRINTED/TYPED NAME CO : MAN:	SIGNATURE		•		•	DATE		
T R	16. TRANSPORTER (1)	17.	TF	RANSPOR	RTER (2)				
A N	NAME: KAUK CONSTRUCTION LLC.	NAME:  TEXAS I.D. NO.				-			
S P	IN CASE OF EMERGENCY CONTAMARTY-MCPHERSON	IN CASE OF EMI	ERGENCY	Y CONTACT	Γ:		,		
O R	EMERGENCY PHONE: (405) 638-4045	EMERGENCY PE		23- 6-	-1-1-				
T E	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPO	·	لانم): Acknow	vicagment of r	eceipt of ma	aterial		
R S	SIGNATURE DATE DATE DATE	PRINTED/TYPĖI D22 SIGNATURE	D NAME .	<del>,</del>		ATE			
	ADDRESS:	J.J. VALUE			PHONE;				
D F	Lea Land, LLC Mile	: Marker 64, U Viles East of C		•	1 -	575-88	7-4048		
I A S C P I O L	PERMIT NO.  WM-01-035 - New Mexico	20. COMMENTS			•				
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above	described	wastes were	delivered to th	is facility, t	hat the		
L Y	AUTHORIZED SIGNATURE	CELL NO		DATE 11/30	0/2022	TIM.	1E 		
	ATOR: COPIES 1 & 6 DISPOSAL SITE CO Imaging: 6/12/2023 9:12:42 AM	E: COPIES 2 & 3 PY 1		<u> </u>	TRANSPO	ORTERS: (	COPIES 4 & 5		

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38h.	LEA LAND DISPO MILE MARKER #64 US HWY 62/180 • 3								KIC	0	
	LEA 1300 WEST MAIN STREET • O		ND, LLC IA CITY, OK 73106		ONE	(405) 236-	-425	, INDE	St	ate.	
NOI	N-HAZARDOUS WASTE MANIFEST	мо 1	L66063		1. P/	AGEOF	F]	2. TRAIL	ER NO:	405	
G.	DIOTE NO		re Blvd:#206		,	11/3	/30/20 	UP DATE			
	PHONE NO. CITY  (405) 286-4391		STATE  OK 375 A 31		7214		TNRC	CC I.D. NO.	, -	_	
<u>E</u> -	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	na.	Company of the second	8.		NTAINERS		TOTAL JANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
<b>N</b> .	Non-Regulated, Non Hazardous Waste	<u> </u>		1	1 (	см					
E	b.										
-	d = 00000									<u> </u>	
R.	- 12 1 <u>4</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1							
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:  RANA SALADA FED COM 0108 236H togs		m 7029	117	<b>\</b>		13.	13. WASTE PROFILE NO.			
·- /	14. IN CASE OF I	EMERG	GENCY OR SPIL	LL,	.co	NTACT					
T	NAME PHONE  JOE ONTIVEROS:	E NO		<u> </u>	<u> </u>	18.2.		24-HOUR	EMERGEN	NCY NO.	
o	15.GENERATOR'S CERTIFICATION: I Hereby dishipping name and are classified, packed, marked, and labeled, a international and national government regulations, including appropriate the control of the con	declare that t	the contents of this call respects in proper co	condit	ition fo	for transport	rt by his	ighway acco	ording to ap	pplicable	
ŀ	PRINTED/TYPED NAME CO. MAN:		SIGNATURE	<u> </u>					•	DATE	
T R	16. TRANSPORTER (1)	<del></del>	17.		TJ	RANSPO	ORTI	ER (2)			
R A	NAME: KAUK.CONSTRUCTION.LLC	. 1	NAME:	ı							
N S	TEXAS I.D. NO.	-31	TEXAS I.D. NO.								
P O	IN CASE OF EMERGENCY CONTAMARTY MCPHERS	۱ (	IN CASE OF EME			Y CONTA	.CT:				
R	EMERGENCY PHONE: (405) 638-404  18. TRANSPORTER (1):-Acknowledgment of receipt of		EMERGENCY PH			(2): Ackn	nwled	ment of n	eceint of m	aterial	
T E D	PRINTED/TYPED NAME FELIPE MILOS	act	PRINTED/TYPEL			` '	·				
R S	SIGNATURE DATE	-1.1/30/2	2022 SIGNATURE					<u>D</u>	ATE		
, -	ADDRE							PHONE:			
) F	Leà Land, LLC		e Marker 64, U. Miles East of C			•	30,	;	575-887	7-4048	
I A	PERMIT NO.		20. COMMENTS	<u>alic</u>	Svac	P IMIAT					
PI	WM-01-035 - New Mexico							•			
sıl	21.DISPOSAL FACILITY'S CERTIFICATION: facility is authorized and permitted to receive such wastes.	I Hereby c	ertify that the above of	descr	ribed	wastes wer	re deli	vered to thi	is facility, th	nat the	
LY	Authorized Signature	279.2	CELL NO.	·	<u> </u>	DATI		022 2	TIM	660.	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3
COPY 1

58h	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILES		1			KIC	0			
	LEA LAND, LLC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-425 VIDE State.									
NON	N-HAZARDOUS WASTE MANIFEST NO	166064	1. PA	.GEOF_	2. TRAIL	ER NO.	#05			
Ğ	3. COMPANY NAME NOVO OIL & GAS	ire:Blvd:#206-	y = 12 m2	1/3	ICK-UP DATE 0/2022		<del></del>			
E	PHONE NO. CITY (405) 286-4391 Oklahoma	STATE CK	7311		NRCC I.D. NO	. '				
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #			
N:	Non-Regulated, Non:Hazardous:Waste	Para Town A Total 1	11.2	CM∞-,			<del>-</del>			
E	b. c.	· ·				,				
·R <sup>≔</sup>	WT:417040 46010									
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				13. WASTE P	ROFILE N	D.			
A"	RANA SALADA FED COM 0108 236H	XDSIAU	I CO	NTA OT		<b>\$1.</b>				
T	14. IN CASE OF EMER NAME PHONE NO JOE:ONTIVEROS 575-887-40	1	24-HOUR EMERGENCY NO.							
o	15.GENERATOR'S CERTIFICATION: I Hereby declare the shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable s	all respects in proper c	ondition fo	or transport	by highway acc	ording to at	plicable			
R	PRINTED/TYPED NAME	SIGNATURE	-	-			DATE			
T R	16. TRANSPORTER (1)	17.	TI	RANSPO	RTER (2)					
A	NAME: KAUK CONSTRUCTION: LLC (10)	NAME:								
N S	TEXAS I.D. NO. IN CASE OF EMERGENCY CONTAMARTY MCPHERSON	TEXAS I.D. NO. IN CASE OF EM	Encesia	V CONTRAC						
P O	EMERGENCY PHONE: (405) 638-4045	EMERGENCY PI		I CONTAC	.1:		,			
R T	18. TRANSPORTER (1): Acknowledgment of receipt of material			(2): Ackno	wledgment of r	eceipt of m	aterial			
E R	PRINTED/TYPED NAME SOSE RAMME	PRINTED/TYPE	D NAME							
S	SIGNATURA JOSE Par SATE 11/30/	2022 SIGNATURE			D	ATE				
-	ADDRESS:	1- Maulaan CA II	CO II	(2/10	PHONE:	<i>ETE</i> 00:	7 4049			
D F	· · · · ·	le Marker 64, U Miles East of C		•	u,	3/3-88	7-4048			
I A S C P I	PERMIT NO.  WM-01-035 - New Mexico	20. COMMENTS	7	,	,	·	·			
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the above	described ,	wastes were	e delivered to th	is facility, t	hat the			
LÝ	AUTHORIZED SIGNATURE	CELL NO.		DATE	30/2022	TIN	ле ГД.			
CENTED		TE: COPIES 2 & 3		-1		ODTEDS: (	COPIES 4 & 5			

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COPY 1

### 58h: LEA-LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048 LEA LAND, LLC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-425 166065 NON-HAZARDOUS WASTE MANIFEST NO 1. PAGE 2. TRAILER NO. # 3. COMPANY NAME 1/30/2022 DATE 1001 W. Wilshire Blvd: # 208 G NOVO OIL & GAS PHONE NO. CITY STATE ZIP 6. TNRCC I.D. NO. E (405):288-4391: Land and Art Land and Art Land and Art Land and Oklahoma and an OKamatan ÷ 731.16.∴ 8. CONTAINERS 9. TOTAL 7. NAME OR DESCRIPTION OF WASTE SHIPPED: 10. UNIT 11. TEXAS QUANTITY Wt/Vol. No. \_Type WASTE ID# Non-Regulated; Non Hazardous: Wasters and a second ¢м -∴ E R 12. COMMENTS OR SPECIAL INSTRUCTIONS: 13. WASTE PROFILE NO. RANA SALADA FED COM 0106 236H ... A IN CASE OF EMERGENCY OR SPILL, CONTACT 14. NAME PHONE NO 24-HOUR EMERGENCY NO. T 15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper 0 shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC PRINTED/TYPED NAME **SIGNATURE** DATE R CO: MAN:::5 TRANSPORTER (1) T 16. 17. TRANSPORTER (2) R NAME: NAME: KAUK CONSTRUCTION LLC. -A N TEXAS I.D. NO. TEXAS I.D. NO. S IN CASE OF EMERGENCY CONTAMARTY: MCRHERSON IN CASE OF EMERGENCY CONTACT: P 0 == (405):838-4045== EMERGENCY PHONE: R 18. TRANSPORTER (1): Acknowledgment of receipt of material 19. TRANSPORTER (2): Acknowledgment of receipt of material T E PRINTED/TYPED NAME R S **SIGNATUR SIGNATURE** DATE DATE ADDRESS: PHONE: Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 575-887-4048 D $\mathbf{r}$ 30 Miles East of Carlsbad, NM 1 A PERMIT NO. 20. COMMENTS S C WM-01-035 - New Mexico P Ι O L 21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the S I facility is authorized and permitted to receive such wastes. T A

GENERATOR COPIES 1 & 6

L Y

> DISPOSAL SITE: COPIES 2 COPY 1

CELL NO.

TRANSPORTERS: COPIES 4 & 5

TIME

DATE

and the second second

∍ ≈14/30/2022 a

AUTHORIZED SIGNATURE

58h	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MII		i			KIC	<b>O</b> .			
	LEA LAND, LLC  1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-425 (VI) P. State.									
NON	N-HAZARDOUS WASTE MANIFEST NO	166066	1. PA	AGEOF_	2,TRAII	ER NO.	FO#			
	3. COMPANY NAME NOVO OIL & GAS	shire Blvd. # 208 :	. The same of the	: .=. 1/3	ICK-UP DATE <b>0/2022</b>		,			
E	PHONE NO. CITY  (405) 286-4391 Oklahoma	7311		NRCC I.D. NO	١,					
. <b></b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON	NTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#			
N	Non-Regulated, Non Hazardous Waste	and the statement of	.1.	см ,	<del>``</del>		2 4			
E	b. c.				··· -					
R	W-4670 48760-									
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:  RANA SALADA FED. COM 0106 236H.	Tc 9430			13. WASTE P	ROFILE N	O.			
T	14. IN CASE OF EMENAME PHONE NO JOE ONTIVEROS		24-HOUR EMERGENCY NO.							
О	15.GENERATOR'S CERTIFICATION: I Hereby declare shipping name and are classified, packed, marked, and labeled, and are international and national government regulations, including applicable	in all respects in proper	r condition for transport by highway according to applicable							
R	PRINTED/TYPED NAME :COπMAN:::>-	SIGNATURE		٠.			DATE			
T R	16. TRANSPORTER (1)	17.	<b>T</b>	RANSPO	RTER (2)					
A	NAME: KAUK CONSTRUCTION LLC	NAME:								
N S	TEXAS I.D. NO.	TEXAS I.D. NO				•				
P O	IN CASE OF EMERGENCY CONTAMARTY: MCRHERSON	- '	MERGENCY CONTACT:							
R	EMERGENCY PHONE: (405) 638-4045 EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of receipt of material  19. TRANSPORTER (2): Acknowledgment of receipt of material									
T E R	PRINTED/TYPED NAME Gil Hatio Rodriguez	PRINTED/TYP								
S	SIGNATURE DATE 11/3	30/2022, SIGNATURE	<u> </u>		D	ATE				
D F		Mile Marker 64, 1 0 Miles East of	ł	•	PHONE:	575-88	7-4048			
I A S C P I O L	PERMIT NO.  WM-01-035 - New Mexico	20. COMMENTS	,	,						
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Her facility is authorized and permitted to receive such wastes,	eby certify that the abov	e described	wastes were	delivered to the	is facility, t	that the			
LY	AUTHORIZED SIGNATURE	- CELL NO.		DATE 11/3	: :0/2022	P TIN	ME V. SS			
GENER	ATOR: COPIES 1 & 6 DISPOSAL	SITE: COPIES 2 & 3		1		ORTERS:	COPIES 4 & 5			

58h	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILES		1		KICO		
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC 1A CITY, OK 73106		4257	<u> </u>		
NON	I-HAZARDOUS WASTE MANIFEST NO	166071	1. PAGEO	2. TRAIL	ER NO. # 12		
. <b>G</b>	3. COMPANY NAME  4. ADDRESS  1001: W.: Wishing the phone no.	re Blvd. # 206 STATE	S 30 00 00 00 11/	PICK-UP DATE 30/2022 FT, TNRCC I.D. NO.			
E	(405) 288-4391 Oklahoma 7. NAME OR DESCRIPTION OF WASTE SHIPPED:	· OK , ·	73116 8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT 11. TEXAS Wt/Vol. WASTE ID #		
<b>N</b>	a. Non-Regulated, Non Hazardous Waste (1997) (1997)  b. 19 - Turner out (1997)	···	1 см				
E	С.		<u> </u>	,			
,R <sub>m</sub>	d. 4240 43470 34	1160		10 WY CITE D			
A	RANA SALADA FED. COM 0106-236H	Hotta)	120320	13. WASTE PE	COFILE NO.		
Т	IN CASE OF EMERO NAME PHONE NO JOE ONTIVEROS 575-887-404	PILL, CONTACT  24-HOUR EMERGENCY NO.					
o	15.GENERATOR'S CERTIFICATION: I Hereby declare tha shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable st	all respects in proper	condition for transpor	t by highway acco	ording to applicable		
R	PRINTED/TYPED NAME  GO::MAN:::::	SIGNATURE			DATE		
T	16. TRANSPORTER (1)	17.	TRANSPO	ORTER (2)	1		
R A N	NAME: KAUK CONSTRUCTION LLC no.	NAME:					
S P O	TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTAGERTY: MCPHERSON	'	 MERGENCY CONTA 	.CT:			
R T	EMERGENCY PHONE: (405) 638-4045- 18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSP	PHONE: ORTER (2): Ackn	owledgment of re	ceipt of material		
E R	PRINTED/TYPED NAME FORMAGE	PRINTED/TYP	ED NAME				
S	SIGNATURE /Femudo DATE 11/30/2	2022 <sub>IGNATURE</sub>		D/	ATE		
D F I A	· · · · · · · · · · · · · · · · · · ·	-	U.S. Hwy 62/18 Carlsbad, NM	PHONE:	575-887-4048		
S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	,				
O L S I A T	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the abov	e described wastes we	re delivered to thi	s facility, that the		
LY	APTNORIZED SIGNATURE	CELL NO	DAT	E 30/2022 55	11ME 9-05		

GENERATOR COPIES 1 & 6

DISPOSAL SITE: COPIES 7 & 3

58h	LEA LAND DISPOS A MILE MARKER #64 US HWY 62/180 • 30 MIL						KIC	O			
	LEA I  1300 WEST MAIN STREET • OKLAR	LAND, LLC		E (405) :	, 236-4257	KA	WK.				
NON	-HAZARDOUS WASTE MANIFEST NO	166109	1.	PAGE_	_of	2. TRAIL	ER NO. H	=14			
G.: .	3. COMPANY NAME  4. ADDRESS  1001 W. Wil	5. PICK-UP DATE 1/30/2022									
. <b>E</b> .	PHONE NO.   CITY STATE   (405) 286-4391   Oklahoma OK				ZIP 6. TNRCC I.D. NO.  73116  8. CONTAINERS 9. TOTAL 10. UNIT 11. TEX						
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		No			UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID#			
N	Non-Regulated, Non Hazardous Waste		1	см							
E			<u>                                     </u>								
	c.	-	<u> </u>								
R	<u> </u>	1626					1				
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:  RANA SALADA: FED: COM: 0106 236H	10 1031	W		13	. WASTE P	ROFILE NO	0.			
	14. IN CASE OF EME	RGENCY OR SPI	LL C	ONTA	CT						
T	NAME PHONE NO JOE: ONTIVEROS TO A SECURIO DE LA COMPANSION DEL COMPANSION DE LA COMPANSION		24-HOUR EMERGENCY NO.								
0	15.GENERATOR'S CERTIFICATION: I Hereby declare shipping name and are classified, packed, marked, and labeled, and are international and national government regulations, including applicable	condition for transport by highway according to applicable									
R	PRINTED/TYPED NAME	SIGNATURE						DATE			
** * .	CO. MAN:		<b>{</b> 								
T R	16. TRANSPORTER (1)	17.		TRAN	SPORT	TER (2)					
A	NAME: KAUK CONSTRUCTION LLC,	NAME:									
N S	TEXAS I.D. NO.	TEXAS I.D. NO.	40								
P O	IN CASE OF EMERGENCY CONTAMARTY MCPHERSON	IN CASE OF EN	FEMERGENCY CONTACT:								
R	EMERGENCY PHONE: (405) 638-4045 = 18. TRANSPORTER (1): Acknowledgment of receipt of mate	EMERGENCY F		D (2).	. almanula	domant of a	i	-terist			
T E				. ,	ACKHOWIE	ugment of r	eceipi oi mi	атепат			
R S	PRINTED/TTPED NAME	PRINTED/TYPE	ED NAM	Æ				<del></del>			
	SIGNATURE	0/2022 - SIGNATURE				D	ATE				
	Lea Land, LLC	Aila Markar 64 I	וכ נו	60	)/10A.	PHONE:	575 00·	7 4040			
D F	•	Mile Marker 64, (		•	-		<i>575-</i> 88 <sup>-</sup>	/-4046			
I A S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS		,	,						
O L S I A T	21. DISPOSAL FACILITY'S CERTIFICATION: I Her facility is authorized and permitted to receive such wastes.	eby certify that the above	describ	ed waste	s were de	livered to th	is facility, t	hat the			
LY	ONHORIZED SIGNATURE	CELL N	÷ •		DATE :11/30/	2022 :	TIN	1E 05			
							*				

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3
COPY 1

58h-	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 - 30 MILES		1			KIC	0	
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC A CITY, OK 73106	PHONE (4	- 105) 236-42	<sup>257</sup> KC	iuk	. •	
NON	N-HAZARDOUS WASTE MANIFEST NO 1	66110	1. PAG	GEOF_	2. TRAII	.ER NO. 🛊	884	
	3. COMPANY NAME 4. ADDRESS		5. PICK-UP DATE					
ccE -	PHONE NO. (405) 286-4391 Phone 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	73116		NRCC I.D. NO	),			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
N.	Non-Regulated, Non Hazardous Waste.		1	CM⇒,	-			
E	b		+				,	
R ~	WE-45180 42720, 4	2180	+					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	· (Znva)			13. WASTE P	ROFILE N	0.	
<b>A</b>	RANA:SALADA:FED.COM:0108:236Hassa } (	ENCY OR SPU	J. CON	VTACT				
T	NAME PHONE NO	,	LL, COL	IACI	24-HOUR EMERGENCY NO.			
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	I respects in proper c	ondition fo	r transport	by highway acc	ording to a	pplicable	
R	PRINTED/TYPED NAME CO:.MAN::-:	SIGNATURE	, DATE					
T	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)			
R A	NAME: KAUK CONSTRUCTION LLC.	NAME:			·			
N S	TEXAS I.D. NO.	TEXAS I.D. NO.		j.	*			
P	IN CASE OF EMERGENCY CONTAMARTY MCPHERSON	IN CASE OF EM	ERGENCY	CONTAC	T:			
O R	EMERGENCY PHONE: (405) 838-4045	EMERGENCY PI				<u> </u>		
Т	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPO	RTER (	2): Ackno	wledgment of r	eceipt of m	aterial	
E R	PRINTED/TYPED NAME Builly Undel	PRINTED/TYPE	D NAME _				<del></del> .	
s	SIGNATUR BATE 11/30/2	122 SIGNATURE				ATE		
	ADDRESS:			60.14.0	PHONE:		<b>=</b> 40.40	
D F	· · · · · · · · · · · · · · · · · · ·	Marker 64, U Miles East of C			0,	575-88	7-4048	
I A S C P I	PERMIT NO.  WM-01-035 - New Mexico	20. COMMENTS	•					
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby of facility is authorized and permitted to receive such wastes.	certify that the above	described v	wastes were	e delivered to the	nis facility, t	that the	
LY	ANT DIORIZED SIGNATURE	CELL NO		DATE	30/2022	III.	ME CONTRACTOR	
GENER	ATOR: COPIES 1 & 6 DISPOSAL SITE	E: COPIES 2 & 3				ORTERS: 0	COPIES 4 & 5	

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DISPOSAL SITE: COPIES 2 & 3

58h	LEA LAND DISPOSAI MILE MARKER #64 US HWY 62/180 • 30 MILES E		l			KIC	0
	LEA LA	ND, LLC A CITY, OK 73106	PHONE (	405) 236-42	257	LHI	uh.
NON	V-HAZARDOUS WASTE MANIFEST NO 1	66180	1. PA	GEOF_	2. TRAII	ER NO.	14
G	3. COMPANY NAME 4. ADDRESS 1001:W:Wilshir	. ""	it. delte i	5. P	ICK-UP DATE /1/2022		
E	PHONE NO. CITY  (405) 286-4391	STATE OK	7311		NRCC I.D. NO		
TARE	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N <sub>?</sub> .	a. Non-Regulated, Non Hazardous Waste access and access.		ಪ್ರಚಿಕಾಟ	СМ≈ <sub>Вти</sub> Ч			`
E	39990 37140	<u> </u>					
· Rea	WT: 48580 43160	49160	)	ı			
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	01/11	i`\		13. WASTE P	ROFILE N	0
A	14. IN CASE OF EMERG	LOT UD ENCY OR SPI	LL, COI	NTACT	_		
T	NAME PHONE NO  JOÉ:ONTIVEROS SERVEDA ANTILA SARA SER	Bastra .	-		24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable states.	the contents of this I respects in proper of	condition fo	or transport	by highway acc	ording to a	pplicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
A-SERAR	COrMAN: TRANSPORTER (1)	17	ara.	ANCDA	DTED (1)		
T R	```	17.	11	CANSPU	RTER (2)		
A N	NAME: KAUK CONSTRUCTION LLC, 12,	NAME:					
S	TEXAS I.D. NO.	TEXAS I.D. NO				, ,	
P O	IN CASE OF EMERGENCY CONTAMARTY, MCPHERSON	IN CASE OF EM	IERGENC'	Y CONTAC	CT:		
R	EMERGENCY PHONE: (405) 638-4045 18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY P		(2). 4 - 1		:	-41-1
T E		19. TRANSI C	) KI EK (	(Z). Ackilo	wiedginent of i	eceipi or m	ateriai
R	PRINTED/TYPED TAME Cody John es	PRINTED/TYPE	D NAME		•		
S	SIGNATURE DOT DATE: 12/1/2	D22 <sub>IGNATURE</sub>			D	ATE	
	ADDRESS:	\ <u></u>			PHONE:		
D F		Marker 64, Ulles East of C		-	0,	575-88	7-4048
I A S C	PERMIT NO.	20. COMMENTS		7 ~ 1~1~	<del></del>		
<b>P</b> . I	New Mexico						
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby of facility authorized and permitted to receive such wastes.	ertify that the above	described	wastes were	e delivered to th	nis facility,	that the
L ¥	AUTHORIZED SIGN PORE UN TIVE TO S	CELLNO	-	DATE	/1/2022	1 -	700
GENER	ATOR: COPIES 1 & 6 DISPOSAL SITE	E: COPIES 2 & 3				ORTERS:	COPIES 4 & 5

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DISPOSAL SITE: COPIES 2 & 3
COPY 1

Released to Imaging: 6/12/2023 9:12:42 AM

58h	LEA LAND DISPOSA  MILE MARKER #64 US HWY 62/180 • 30 MILES					KIC	$\mathbf{O}$
<b> </b>	-	<del></del>	D, NM • 1	PHONE (5	75) 88 <i>1-</i> 4048		
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC	PHONE (	405) 236-4	125 (10)	e_S	tate
NON	V-HAZARDOUS WASTE MANIFEST NO 1	66207	1. PA	GEOF	2. TRAIL	ER NO.	#0 <i>5</i>
	3. COMPANY NAME 4. ADDRESS				PICK-UP DATE		
G	NOVO OIL & GAS PHONE NO. CITY			ــنا ٠	/1/2022 ::· ;	,	
		STATE		٠, ا	TNRCC I.D. NO	٠,	
<b>E</b> :	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	· OK		TAINERS		10. UNIT	
N	a. :	<u> </u>	No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#
1	Non-Regulated, Non Hazardous Waste		.1:1(	рм	-		
E	D, 122 7 7 4.	,	Ĺ				
~	1 413936 418	20					-
R	w-47090 44190 3	39790				1	
	12. COMMENTS OR SPECIAL INSTRUCTIONS:		L	l	13. WASTE P	ROFILE N	L. O.
A	RANA SALADA FED COM 0108 236H	208240					
:	14. IN CASE OF EMERG NAME PHONE NO	ENCY OR SPIL	L, COI	NTACT	24-HOLD	EMERGE	NCV NO
T	JOE: ONTIVEROS:	٠			21110011	,	
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable states.	the contents of this co	ondition fo	or transport	t by highway acc	ording to ap	plicable
R	PRINTED/TYPED NAME	SIGNATURE	-		_		DATE
- 1-1-10 - 1-1-10 - 1-1-10	CO: MAN:						
T	16. TRANSPORTER (1)	17.	TF	RANSPO	ORTER (2)		
R A	NAME: KAUK CONSTRUCTION-LLC;	NAME:					
N S	TEXAS I.D. NO.	TEXAS I.D. NO		•			
P	IN CASE OF EMERGENCY CONT. MARTY-MCPHERSON::.	IN CASE OF EME	ERGENC	Y CONTA	CT:		
O R	EMERGENCY PHONE: (405) 639-4045	EMERGENCY PH				·	
Т	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPO	RTER (	(2): Ackno	owledgment of r	eceipt of m	aterial
E R	PRINTED/TYPED NAME SOSE KAMSKE	PRINTED/TYPED	NAME.			<u>.</u>	<del></del> -
S	SIGNATURA DAS RON TONTE 12/1/2	2022IGNATURE			D	ATE	
	ADDRESS:	<u>                                     </u>			PHONE:		
Í	Lea Land, LLC Mile	e Marker 64, Џ.	S. Hw	y 62/18	30,	575-88	7-4048
D F I A		Miles East of Ca	arlsbad	<u>l, NM</u>			
S C P I	PERMIT NO.  WM-01-035 - New Mexico	20. COMMENTS					1
O L S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the above of	described	wastes wer	re delivered to th	is facility, t	hat the
LY	AUTHORIZED SIGNATURE	CELL NO.		DAT		AIT.	ΔE
GENER	ATOR: COPIES 1 & 6 DISPOSAL SIT	E: COPIES 2 & 3		- s-12	2/1/2022	OPTERS	COPIES 4 & 5

-58h.	LEA LAND DISPOSA					KIC	<b>O</b>					
	LEA LAND, LLC  1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 (VI) AC STATE											
NON	N-HAZARDOUS WASTE MANIFEST NO 1	66208	1. PAG	EOF	2. TRAIL	ER NO.	16					
G-	3. COMPANY NAME 4. ADDRESS 1001:W: Wilshii PHONE NO. CITY		1	12/1/	C-UP DATE 2022 .CC I.D. NO							
E	(405) 286-4391 Oklahoma 7. NAME OR DESCRIPTION OF WASTE SHIPPED:	OK	73116 8. CONT.	AINERS 9	O. TOTAL UANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #					
N <sub>.</sub>	a." Non-Regulated, Non Hazardous Waste	The Same	1C		•	* · · *	-					
E	46180											
: <b>R</b> .	d. 44260 40160  12. COMMENTS OR SPECIAL INSTRUCTIONS:			13	. WASTE P	ROFILE NO	D.					
A	RANA-SALADA FED.COM 0108:236H	1356	20	TACE								
T	14. IN CASE OF EMERG NAME PHONE NO  JOE ONTIVEROS 575-887-404		LL, CUN	IACT	24-HOUR	EMERGE	NCY NO.					
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable sta	the contents of this of	condition for	transport by	highway acc	ording to an	plicable					
R	PRINTED/TYPED NAME  CO:MAN:::::::::::::::::::::::::::::::::::	SIGNATURE					DATE					
T R A N S	16. TRANSPORTER (1)  NAME: KAUK: CONSTRUCTION: LLC,  TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTAMARTY. MCPHERSON:	17.  NAME:  TEXAS L.D. NO.  IN CASE OF EM		ANSPORT	TER (2)	••						
O R T	EMERGENCY PHONE: (405) 638-4045  18. TRANSPORTER (1) Acknowledge in of receipt of material	EMERGENCY P		): Acknowle	dgment of r	eceipt of ma	aterial					
E R S	SIGNATURE JOSE COROLA DO DATE 12/1/2	PRINTED/TYPE	D NAME _		D.	ATE	<u> </u>					
D F I A	l	Marker 64, U Miles East of C	•	-	PHONE:	575-88°	7-4048					
S C P I O L	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS			_							
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby of facility is authorized and permitted to receive such wastes.	ertify that the above	described w	astes were de	livered to th	is facility, t	hat the					
L Y	AUTHORIZED SIGNATURE  OHOGOGO	CELL NO.	,	DATE 12/1/	2022	G.	1E					
	Aror: COPIES 1 & 6 DISPOSAL SITE to Imaging: 6/12/2023 9:12:42 AM	E: COPIES 1 & 3 PY 1			TRANSP	ORTERS: C	COPIES 4 & 5					

58h :	LEA LAND DIS MILE MARKER #64 US HWY			1			KIC	O
	1300 WEST MAIN ST		LAND, LLC	,	(405) 236-42	<sup>257</sup> ( 111	le ?	State
NON	-HAZARDOUS WASTE MANIF	EST NO	166209	1. P.	AGEOF_	2. TRAIL	ER NO.	#O7
$\mathbf{G}_{\mathbf{G}}}}}}}}}}$	3. COMPANY NAME NOVO OIL & GAS. PHONE NO.	4. ADDRESS 1001 W. WII CITY	shire Blvd:#208 STATE	-	·· ·· 12/	ICK-UP DATE 1/2022 NRCC I.D. NO		
E .	(405) 286-4391  7. NAME OR DESCRIPTION OF WASTE SHIPPE	Oklahoma:::				9. TOTAL	10. UNIT	11. TEXAS
N	a. Non-Regulated,:Non Hazardous Waste	<u> </u>	elutra il transce	No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#
E	b. In the transport of the control o							
	* 41126.	100	NUCIA	<u>                                     </u>				
.R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	040	<u> </u>	<u> </u>		13. WASTE P	ROFILE NO	D.
A	RANA SALADA FED COM 0108 236H	,	Te 14	34D				
<b>T</b>   ਗਵਾੜ	NAME  SOE ONTIVEROS STANDARD S	PHONE NO	RGENCY OR SP	ILL, CO	NTACT	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	id labeled, and are	in all respects in proper	condition :	for transport	by highway acc	ording to an	plicable
R 	PRINTED/TYPED NAME  CO: MAN:		SIGNATURE					DATE
T R	16. TRANSPORTER (1)	•	17.	Т	RANSPO	RTER (2)		
A N	NAME: KAUK CONSTRUCTION TEXAS I.D. NO.	I LLC; 🕾	NAME: TEXAS I.D. NO	) 				
S P O	IN CASE OF EMERGENCY CONTACARTY M		In Case of E	MERGENO	CY CONTAC	· ·T:		
R T	18. TRANSPORTER (1): Acknowledgment	638-4045 of receipt of mate	rial 19. TRANSP		(2): Ackno	wledgment of r	eceipt of m	aterial
E R	PRINTED/TYPED NAME Gil Haveo	· , ·V		  ED NAME 	ß			
S	SIGNATURE GYC		/1/2023 IGNATURE_	1		D	ATE	
D F	Lea Land, LLC		Mile Marker 64, 0 Miles East of	t .	•	0, PHONE:	<i>5</i> 75-88	7-4048
I A S C P I O L	PERMIT NO. WM-01-035 - New Mex	rico	20. COMMENTS					
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		eby certify that the abou	e described	i wastes were	e delivered to th	is facility, t	hat the
L Y	APAHORIZED SIGNATURE	The first of the same	CELL NG.	144 ps. 41 434.	DATE		AIT O	AE O

58h:	LEA LAND DIS MILE MARKER #64 US HWY				[				XIC	O
	1300 WEST MAIN ST			ND, LLC A CITY, OK 73106		VE (405) 2:	36-4257	Srod	e G	tile
NON	N-HAZARDOUS WASTE MANIF	EST	NO _	L66210	I.	PAGE_	OF	2. TRAII	ER NO.	406
G .	· · · · · · · · · · · · · · · · · · ·	4, ADD 1001:\		re Blvd. # 206+			5. PICK 12/1/2	-UP DATE	<del></del>	
	PHONE NO.	CITY		STATE		ZIP	6. TNR	CC I.Ď. NO	). · · · · · ·	•
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE		oma 🚟	# # <b>OK</b>		116: -	RS 9	. TOTAL	10. UNIT	11. TEXAS
	a.	<i>D</i> .			No	о. Тур	e QU	JANTITY	Wt/Vol.	WASTE ID#
N	Non-Regulated; Non Hazardous Waste	<u> </u>	<u> </u>		1-1	. а См				
E	0.	Ł		<u></u>						
	c.									
≓ <b>R</b> ∵≓	m=40840 416	80	)	٠					· -	
ľ	12. COMMENTS OR SPECIAL INSTRUCTIONS:		ب الم	- On E	ָ 		13.	WASTE P	ROFILE N	D.
A	RANA SALADA FED:COM.0106:236H		. 1	<u>ሮ                                    </u>	) <u>[[</u>	<i>.)</i>				
Т	14. IN CA	SE OF		SENCY OR SPI	LL, C	CONTAC	<u> </u>	24-HOUR	EMERGE:	NCY NO.
I.	<u> DEONTIVEROS E E EL TREMEN</u>	<u>57</u> 5	-887-404	8::::						
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, in	Il respects in proper	conditio	n for trans	port by h	ighway acc	ording to a	plicable		
R	PRINTED/TYPED NAME			SIGNATURE		,				DATE
	CO: MAN:==					,				
T R	16. TRANSPORTER (1)	•		17.		TRANS	PORT	ER (2)	_	
A	NAME: KAUK CONSTRUCTION	:EEC:-	7/s	NAME:						
N S	TEXAS I.D. NO.		7.	TEXAS I.D. NO		•				
P	IN CASE OF EMERGENCY CONTAMINETY M	CPHE	RSON	IN CASE OF EN	ÆRGE!	NCY CON	TACT:		•	
O R	EMERGENCY PHONE: (405)  18. TRANSPORTER (1): Acknowledgment of			EMERGENCY F			cknowle	doment of	eceint of m	aterial
T E		_					CKIIOWIC	agment of i	cocipi oi iii	,
R		•		PRINTED/TYPE	ED NAN	ME				<del></del>
S	SIGNATURE JASL	DATE:	12/1/2	D22GNATURE				E	ATE	<u> </u>
	I so I seed TI C	ADD:	RESS:	. M. 1		T (0	/1.00	PHONE:	575.00	7 4040
D F	Leà Land, LLC			e Marker 64, I Miles East of (		•	, ,		575-88	/-4048
I A S C P I	PERMIT NO.  WM-01-035 - New Mex	ico		20. COMMENTS	Julioc	,,	*		,	
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION vastes.	N: I Hereby	certify that the above	describ	bed wastes	were de	livered to th	is facility, t	hat the
L Y	ACTHORIZED SIGNATURE	· .	,	CELL NO.	,	Г	DATE 12/1/2	2022	TIM Q	ME ):50
	ATOR: COPIES 1 & 6 to Imaging: 6/12/2023 9:12:42 AM	DIS		E: COPIES 2 & 3 DPY 1				TRANSP	ORTERS: (	COPIES 4 & 5

58h	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILES I					KIC	<b>O</b> .
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC A CITY, OK 73106	4	405) 236-4	257 (1)	e ?	Hale
NOI	N-HAZARDOUS WASTE MANIFEST NO 1	66225	1. PA	GÉOF	2. TRAIL	ER NÓ.	309
Ğ.	3. COMPANY NAME 4. ADDRESS 1001: W. Wilshir PHONE NO. CITY	e Blvd. # 206 STATE	ł	t.: : 12	PICK-UP DATE /1/2022		
E.	(405) 286-4391 Oklahoma — 7. NAME OR DESCRIPTION OF WASTE SHIPPED:		7311		9. TOTAL	10. UNIT	11. TEXAS
N	a. Non-Regulated, Non Hazardous Waste		No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#
E	b.	-	1 1-				
	6-14076 (10100) //	1000					
R.	12. COMMENTS OR SPECIAL INSTRUCTIONS:	<u> </u>	1		13. WASTE P	ROFILE N	D.
A	RANA SALADA FED COM 0106 236H: 10 CASE OF EMERG	<u> </u>	H. CON	TOTA CUE			
T	14. IN CASE OF EMERG NAME PHONE NO JOE ONTIVEROS 575-887-4048		LL, COP	VIACI ,	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable states.	I respects in proper	condition fo	r transport	by highway acc	ording to an	plicable
R	PRINTED/TYPED NAME  CO: MAN:	SIGNATURE					DATE
T	16. TRANSPORTER (1)	17.	TR	RANSPO	RTER (2)		
R A N	NAME: KAUK-CONSTRUCTION-LLC,	NAME:	1				
SP	TEXAS I.D. NO.  IN CASE OF EMERGENCY CONTAMARTY MCPHERSON - X	TEXAS I.D. NO IN CASE OF EN	] !	r Contac	·		•
O R	EMERGENCY PHONE: (405) 638-4045	EMERGENCY I	PHONE:				
T E	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME  PRINTED/TYPED/TYPED NAME  PRINTED/TYPED/TYPED NAME  PRINTED/TYPED/TYPED NAME  PRINTED/TYP	19. <b>TRANSP</b> PRINTED/TYP	Ì	(2): Ackno	owledgment of re	eceipt of ma	aterial
R S	SIGNATURE DATE 12/1/2		_		D	ATE	
	ADDRESS:				PHONE:		
D F I A	·	Marker 64, 1	•	•	0,	<i>575</i> -88′	7-4048
S C P I O L	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	•			** <b>*</b>	
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above	e described v	wastes wer	e delivered to th	is facility, t	hat the
L Y	ADTHORIZED SIGNATURE	CELL NO.	) <sub>2</sub> , -, -, -, -, -, -, -, -, -, -, -, -, -,	DATI	/1/2022	q'	£20
GENER	ATOR: COPIES 1 & 6 DISPOSAL SITE	E: COPIES 2 & 3		•		ORTERS: C	COPIES 4 & 5

Released to Imaging: 6/12/2023 9:12:42 AM

DISPOSAL SITE: COPIES 2 & 3 COPY 1

Released to Imaging: 6/12/2023 9:12:42 AM

58h	LEA LAND DISPOSA  MILE MARKER #64 US HWY 62/180 • 30 MILES					XIC	<b>O</b> .
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC A CITY, OK 73106		(405) 236-4	257	1	
NOI	N-HAZARDOUS WASTE MANIFEST NO 1	66264	1. PA	AGEOF_	2. TRAII	ER NO.	2.
<u> </u>	3. COMPANY NAME 4. ADDRESS 1001 W. Wilshin		.,	- 5. P	ICK-UP DATE /1/2022		
Ġa,,	PHONE NO.	STATE			NRCC I.D. NO	, - 	_
E	(405) 286-4391 (405) Oklahoma	.OK, · ⇔.	7311		14.CC 1.D. 14C	<b>.</b>	
<b>2</b>	.7. NAME OR DESCRIPTION OF WASTE SHIPPED:	<u> </u>	8. CON	TAINERS Type	9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Ν ,	Non-Regulated, Non Hazardous Waste	The state of the s	+	CM: 3	QUANTITI	W U VOI.	WASTEID#
	b.f				· · · · ·		
E	C. , ,	:					_
	4-710600	1000	-				
R	W-44000 38960 1	<u> </u>		, ،			
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	- 10	و د		13. WASTE P	ROFILE N	0
A	RANA SALADA FED: COM:0106 236H 💀	<u>] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [</u>	Dlold				
	14. IN CASE OF EMERG NAME PHONE NO	ENCY OR SPI	LL, CO	NTACT	OA HOUD	EMERGE	NGV NO
T	JOE: ONTIVEROS: 10049-100-000-000-000-000-000-000-000-000-00	B::::-			24-HOUR	EMERGE	NCY NO.
o	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable states.	l respects in proper o	condition fo	or transport	by highway acc	ording to an	nolicable
R	PRINTED/TYPED NAME SIGNATURE						DATE
* *, .,	CO:MAN:	,					
T D	16. TRANSPORTER (1)	17.	TF	RANSPO	RTER (2)		
R A	NAME: KAUK CONSTRUCTION LLC,,	NAME:		r			
N S	TEXAS I.D. NO.	TEXAS L.D.:NO.				•	
P	IN CASE OF EMERGENCY CONTAMARTY MCPHERSON:	IN CASE OF EM	ERGENC'	Y CONTAC	T:		
O R	EMERGENCY PHONE: (405) 638-4045	EMERGENCY P	HONE:		<u> </u>		_
T	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPO	ORTER (	(2): Acknow	wledgment of r	eceipt of m	at <del>er</del> ial
E R	PRINTED/TYPED NAME FOR LINES	PRINTED/TYPE	D NAME				<u> </u>
S	SIGNATURE FEIRLA LO DATE 12/1/2	D22. SIGNATURE		· 		ATE	· ·
	ADDRESS:			_	PHONE:		_
D F		Marker 64, U		•	),	575-88	7-4048
I A	-	Iiles East of C	Carlsbad	<u>, NM</u>			
S C P I	WM-01-035 - New Mexico	20. COMMENTS				•	
оι	<u> </u>						
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above	described	wastes were	delivered to the	is facility, th	hat the
L Y	ATTHORIZED SIGNATURE	CELL NO.		DATE		TIM	Œ
	ronana (', , , , , , , , , )			· ·	1/2022 -	10	:60
BENER A	AFOR COPIES 1 & 6 DISPOSAL SITE					ORTERS: C	OPIES 4 & 5
eased	to Imaging: 6/12/2023 9:12:42 AM CO	PY 1 ]				•	

LEA LAND, LLC

**OIL FIELD WASTE LANDFILL** 

1300 W. MAIN STREET OKLAHOMA CITY, OK 73106

PHONE:

405-236-4257

FAX:

405-236-4261

Bill To:

JASON HAWLEY NOVO OIL & GAS

100 WILSHIRE BLVD. #206 OKLAHOMA CITY, OK 73116 **INVOICE # 32306** 

Date:

12/15/2022

P.O. Number:

Charge to:

Rana Salada Fed

Com 0106 236H

**Date(s) of Service:** 12/2/2022

Manifest #:

166330, 166331

Ship Via:

Kauk Const.

Qty	U/M	Description	Unit Price	Total
197.81	Tons	Non-regulated & non-hazardous waste (soil)	\$20.00	\$3,956.20
		·		
		Landfill located at Carlsbad, NM		
			Subtotal	\$3,956.20

**TERMS: NET 30** 

Subtotal Sales tax rate \$3,956.20 5.375%

Sales tax

\$212.65

Total

\$4,168.85

Make all checks payable to LEA LAND, LLC

If you have any questions concerning this invoice, please contact: Shelley Denton at 405-249-1667, E-mail: shelley@lealandllc.com

Thank you for your business!

58h	LEA LAND DISPOSAL MILE MARKER #64 US HWY 62/180 · 30 MILES EA	SITE ST OF CARLSBAL	,NM · PE	. <b>VV</b> 1 IONE (575	) 887-4048		U
,u,1	LEA LAN  1300 WEST MAIN STREET • OKLAHOMA	D, LLC	-		 	JK.	
VON	HAZARDOUS WASTE MANIFEST NO 16	66330	1. PAG	EOF_	_ 2. TRAIL	er no.	784
	3. COMPANY NAME 4. ADDRESS	· · · · ·		5. PI	CK-UP DATE		.5.0
<b></b>	NOVO OL & GAS	Blvd#206 STATE	 Z		2/2022 NRCC LD. NO	<u>, , , , , , , , , , , , , , , , , , , </u>	
E	(405) 286-4391. 7. NAME OR DESCRIPTION OF WASTE SHIPPED:	<del>0K</del>	8. CON I No.	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N ·	Non-Regulated, Non-Hazardous Waste	<del> </del>	  -1	:M			ý , 
E	43160	· · · · · · · · · · · · · · · · · · ·					
R	d. 43300 42620  12. COMMENTS OR SPECIAL INSTRUCTIONS:	41180	<u> </u>	.* <u>.</u>	13. WASTE I	PROFILE N	О,
Ą	RANA SALABA FED COM 0108 236H	7034		TACT			
T	14. IN CASE OF EMERGINAME PHONE NO	ENCY OR SPIL	љ, cor	VIACI_	24-HOUF	R EMERGE	NCY NO.
O	15. GENERATOR'S CERTIFICATION: I Hereby declare that the shipping name and are classified, packed, marked, and labeled, and are in all international and national government regulations, including applicable state PRINTED/TYPED NAME						
R	CO MAN						<u>`</u>
T	16. TRANSPORTER (1)	17.	TI	RANSPO	ORTER (2)		
R A N	NAME: TEXAS I.D. NO. KAUK CONSTRUCTION LLC.	NAME: . TEXAS I.D. NO.			. •		-
S P O	IN CASE OF EMERGENCY CONTACT MCPHERSON	IN CASE OF EMEMERGENCY P		Y CONTA	CT: 	Ŀ	, ·
R T	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPO	RTER		owledgment of	receipt of	material .
E R S	SIGNATURE RUNNING DATE 12/212	PRINTED/TYPE <b>D2S</b> IGNATURE_				DATE	
D F	Lea Land, LLC Address:	e Marker 64, V			80, PHONE		87-4048
I A S C P I	PERMIT NO.	20. COMMENTS	<u> </u>				
O I S I A 1	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby	certify that the abov	e describe	d wastes we	ere delivered to	this facilit	y, that the
LY		CELL NO	- v	DA	re <i>2/2/2022:</i>	-   -	F:00

58h.	LEA LAND DISPOSA  MILE MARKER #64 US HWY 62/180 • 30 MILES				XIC	<b>O</b> .
	1	ND, LLC		14	ırık	· · · · · ·
NON	N-HAZARDOUS WASTE MANIFEST NO	166331	1. PAGE_	_OF 2. TRA	ILER NO.	+14
	3. COMPANY NAME 4. ADDRESS	· · ·	L	5. PICK-UP DAT	E	1 1-
<u>G</u>	NOVO OIL & GAS CITY					<u>.</u>
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,R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	<u> </u>		13 WASTE	PROFILE NO	· ·
<b>A</b> ,	1	11 616	<b>X</b>			·• ·
<b>**</b> ***.	RANA SALADA FED COM-0106-236H VIVIAN IN CASE OF EMERC	TENCY OF SPI	LL CONTA		-	·
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	LOF ONTIVEROS	8				
0	15.GENERATOR'S CERTIFICATION: I Hereby declare tha shipping name and are classified, packed, marked, and labeled, and are in	t the contents of this	consignment are	fully and accurately	described abording to an	ove by proper
	international and national government regulations, including applicable st	ate regulations, and ar	re the same mate	erials previously app	roved by LEA	LAND, LLC
R	PRINTED/TYPED NAME	SIGNATURE	1	•	Ţ	DATE
T	CO: MAN: 16. TRANSPORTER (1)	17.	TRAN	SPORTER (2)	<u> </u>	
R	NAME:	NAME;		~- ~ (-)		
A N	KAUK CONSTRUCTION ELC	TEXAS I.D. NO.				•
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P O	IN CASE OF EMERGENCY CONTACT MARTY MCPHERSON -	EMERGENCY P	,	NIACI:		
R , T	18. TRANSPORTER (1): Acknowledgment of receipt of material			Acknowledgment of	receipt of ma	terial
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	SIGNATURE DATE 12/2/	2029IGNATURE	<del></del>		DATE	
	Lea Land, LLC ADDRESS:  Mil	e Marker 64, U	ic u <sub>nn</sub> , 6	PHONE		7 4040
D F		Miles East of C		· · · · · · · · · · · · · · · · · · ·	575-887	-4040
I A S C	PERMIT NO.	20. COMMENTS		1	-	
PI	WM-01-035 - New Mexico					
O L S I	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the above	described waste	s were delivered to	this facility, th	at the
AT LY		OFFI WE	<del> </del>	D. 188	<u>,                                     </u>	_
	THORIZED SIGNATURE	CELL NO		DATE		06
CENTER	CONTINUE LA	Section Sections of Section 1	aleste e estade e d'Aleste.	<u>-42/2/2022~</u>	7:	W.
		E: COPIES 1 & 3		TRANS	PORTERS: Co	OPIES 4 & 5

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

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NON	I-HAZARDOUS WASTE MANIF		166063	1. PA	GEOF_		ER NO.	D5.	
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10	(409) 286-1391	Oklahoma	OF	79116		TARCO I.B. IVO	-11		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:		8. CON	TAINERS	9. TOTAL	10. UNIT	11. TEXAS	
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	Lea Land, LLC		Mile Marker 64, U.	S. Hw	v 62/18		575-88	7-4048	
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I A S C	PERMIT NO.	- 1	20. COMMENTS						
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O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	eby certify that the above of	described	wastes wer	e delivered to th	is facility,	that the		
LY	AUTHORIZED SIGNATURE		CELL NO.		DATI	3	TIN	ME	
					14/3	V2022	6	00	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON-HAZARDOUS WASTE MANIFEST NO 166064 I.PAGE_OF_ 2.TRAILER NO.  S. COMPANY NAME MADDRESS TO THE TOTAL OF THE						1	IVIVI	- 1390	V113-
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T NAME PHONE NO  15. GENERATOR'S CERTIFICATION: 1 Hereby declare that the contents of this consignment are fully and accurately described above by proper hipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC  R  PRINTEDTYPED NAME  T I I.6. TRANSPORTER (1)  T TRANSPORTER (2)  NAME:  NAME:  NAME:  NAME:  NAME:  NAME:  T I I.6. TRANSPORTER (1)  NAME:  NAME:  NAME:  NAME:  NAME:  NAME:  NAME:  NAME:  NAME:  TEXAS LD. NO.  IN CASE OF EMERGENCY CONTACT:  PRINTEDTYPED NAME  SIGNATURE  DATE  DATE  PRINTEDTYPED NAME  SIGNATURE  DATE  PRINTEDTYPED NAME  SIGNATURE  DATE  ADDRESS:  Lea Land, LLC  ADDRESS:  Lea Land, LLC  Mile Marker 64, U.S. Hwy 62/180,  30 Miles East of Carlsbad, NM  PERMIT NO.  WM-01-035 - New Mexico  WM-01-035 - New Mexico  DATE  10. COMMENTS	J	PHONE NO.	CITY	STATE	ZIP	6. TNR	CC I.D. NO		
7. NAME OR DESCRIPTION OF WASTE SHIPPED:  8. CONTAINERS   9. TOTAL   10. UNIT   11. TEXAS   WASTE ID #    10. UNIT   11. TEXAS   WASTE ID #    11. UNIT   11. TEXAS   WASTE ID #    12. COMMENTS OR SPECIAL INSTRUCTIONS:  13. WASTE PROFILE NO.  14. IN CASE OF EMERGENCY OR SPILL, CONTACT  NAME   PHONE NO   24-HOUR EMERGENCY NO.  15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LFA LAND, LLC  PRINTEDTYPED NAME   SIGNATURE   DATE  16. TRANSPORTER (1)   17. TRANSPORTER (2)   NAME:   NAME	E		Oklinhovná	OK	73116				
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Lea Land, LLC Mile Marker 64, U.S. Hwy 62/180, 575-887-4048  30 Miles East of Carlsbad, NM  PERMIT NO. 20. COMMENTS  WM-01-035 - New Mexico		SIGNATURE			Secretary of the second		- 91-41 I	ATE	. <u></u>
D F 30 Miles East of Carlsbad, NM  I A PERMIT NO. 20. COMMENTS  WM-01-035 - New Mexico			ADDRESS:			1 11	PHONE:		
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S I 21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.	A T			by certify that the above	described was	tes were de	envered to t	us racility,	mat me
L Y AUTHORIZED SIGNATURE CELL NO. DATE TIME	LY	AUTHORIZED SIGNATURE		CELL NO.				TII	ME
11/30/2022 609						3 1/30	2022	2	M-1

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3 COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

						LIVI	1-		
NON	-HAZARDOUS WASTE MANIF	Maria and American	166065	1. PAG	GEOF_			00.	
G	3. COMPANY NAME	4, ADDRESS	there Elve # 206		5, P	CK-UP DATE			
3	PHONE NO.	CITY	STATE		ZIP 6. T	NRCC I.D. NO	).	- 11/1	
TO	(406) 200-4301	Oktahoma	CIII	74116					
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D.		8. CON	TAINERS	9. TOTAL			
				No.	Type	QUANTITY	Wt/Vol.	WASTE ID #	
N	alon-Regulated, Mon Hazardous Waste			3	ava .				
	b.						1-		
E	C. ,								
	d. 2000	200				-7			
R	20160 405	ILO .				111	Lung		
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE P	ROFILE N	O.	
A	RANA SALADA FED COM 0100 230H								
	14. IN CA	SE OF EME	RGENCY OR SPII	LL, CON	TACT				
Т	NAME E DAITH/EROS	PHONE NO	0.049			24-HOUR	EMERGE	NCY NO.	
	CENTRAL TORIS CERTIFICATION			-					
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and	d labeled, and are	in all respects in proper co	ondition for	r transport	by highway acc	ording to a	pplicable	
	international and national government regulations, in	cluding applicable	e state regulations, and are	e the same	materials p	reviously appro	oved by LE.	A LAND, LLC	
R	PRINTED/TYPED NAME		SIGNATURE					DATE	
	CO ROW								
T	16. TRANSPORTER (1)		17.	TR	RANSPO	RTER (2)			
R	NAME: KALINGS NETRUGITAN	ILC.	NAME:					1	
N	TEXAS I.D. NO.		TEXAS I.D. NO.						
SP	IN CASE OF EMERGENCY CONTACT:	CPHERSON	IN CASE OF EM	ERGENCY	Y CONTAC	T:			
0	EMERGENCY PHONE:	038-1045	EMERGENCY PI	HONE:					
R	18. TRANSPORTER (1): Acknowledgment of	of receipt of mater	rial 19. TRANSPO	RTER (	2): Ackno	wledgment of	eceipt of m	aterial	
E	PRINTED/TYPED NAME	A HOW	PRINTED/TYPE	D NAME					
R	V	110	0/202						
S	SIGNATURE ) L.	DATE	SIGNATURE			·	ATE		
		ADDRESS:			60/10	PHONE:	575.00	7 40 40	
D F	Lea Land, LLC		Aile Marker 64, U			),	5/5-88	7-4048	
I A	DEPMIT NO	3	0 Miles East of C	arisbad	i, INIVI				
S C P I	PERMIT NO.  WM-01-035 - New Mex	ico	20. COMMENTS						
O L	21.DISPOSAL FACILITY'S CERTIFIC	ATION: I Har	ehy certify that the above	described	wastes were	delivered to the	nis facility	that the	
S I A T	facility is authorized and permitted to receive such w	vastes.	co, serin, mar me above	abborrood (	, about work	Commercial to the	,		
L Y	AUTHORIZED SIGNATURE		CELL NO.		DATE		TI	ME	
	MOMON (				1973	0/2022	18	60	
1.0	THE TAX TO A STATE OF THE PARTY							-	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

				init cit i, oil 75100			1111	M	Melle.			
NON	-HAZARDOUS WASTE MANIF		NO	166066	1. PA	GE_OF	2. TR	AILER NO.				
C	3. COMPANY NAME	4. ADDI	RESS	hire Bl. d. # 206		5.	PICK-UP DA	TE				
G							-					
	PHONE NO.	CITY		STATE	STATE ZIP 6. TNRCC I.D. NO.							
E	(406) 296-1391	DIN STRE	Mai ar	96			I a momu	las roug	L 11 mpy 10			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			No.	TAINERS Type	9. TOTAL		11. TEXAS WASTE ID #			
N	Pron-Regulated, Non Hazardous Waste		,		1	CIVI		-				
	b.	175										
E	c.					×						
R	4, 46640 4616	0										
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13. WAST	E PROFILE N	IO.			
A	RANA SALADA FED COM U106 236H											
	14. IN CA	SE OF	EMEI	RGENCY OR SPII	L. CO	NTACT						
Т	NAME	PHON			, , ,		24-HO	UR EMERGE	NCY NO.			
	JOE ONTIVEROS	975	997-4	140 V								
	15.GENERATOR'S CERTIFICATION:	I Hereby	declare t	hat the contents of this co	onsignme	nt are fully	y and accurate	ely described	above by proper			
0	shipping name and are classified, packed, marked, and international and national government regulations, in	cluding a	pplicable	state regulations, and are	e the same	e materials	previously a	oproved by LE	EA LAND, LLC			
D	PRINTED/TYPED NAME			SIGNATURE					DATE			
R	CO MAN			11				K				
T	16. TRANSPORTER (1)			17.	T	RANSPO	ORTER (2	)				
R				NAME:								
A	NAME: TEXAS I.D. NO.	LLC		TEXAS I.D. NO.								
S		coule	Selection.		ED GENIC	VI GOVE	CIT					
P	IN CASE OF EMERGENCY CONTACT:	038-00				Y CONTA	ACT:		41.5			
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of		-	al 19. TRANSPO		(2) · Ackn	nowledgment	of receipt of r	naterial			
T	1						io wie agment	or receipt or r				
E R	PRINTED/TYPED NAME	Tellan	WZ	PRINTED/TYPE	D NAME	-						
S	SIGNATURE	DATE	11,3	SIGNATURE	1. 1. 1.	en Alle		DATE	4.7382			
		ADD	RESS:	,			PHON	IE:				
	Lea Land, LLC		N.	lile Marker 64, U	S. Hw	y 62/1	80,	575-88	37-4048			
D F I A			30	Miles East of C	arlsba	d, NM						
SC	PERMIT NO.			20. COMMENTS								
PI	WM-01-035 - New Mex	100										
O L S I	21.DISPOSAL FACILITY'S CERTIFIC	ATION	: I Here	by certify that the above	described	wastes we	ere delivered	to this facility,	that the			
AT	facility is authorized and permitted to receive such v	vastes.				-						
LY	AUTHORIZED SIGNATURE			CELL NO.		DAT	ГЕ	T	ME .			
	MANNA			1 19		- 44	130/20/22	Y	000			
The state of	A STATE OF THE PARTY OF THE PAR	104 14					(TIT) 4.3	ICDODTED C.	COPTEC 4 0 F			

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON	-HAZARDOUS WASTE MANIF	NO	166071	1. PA	GE	OF	2. TRAII	ER NO.	12.	
	3. COMPANY NAME	4. ADDF					5. PICK	-UP DATE		1
G	Apply of Alves			RECEIPT NOON			1030ey	0.02		
	PHONE NO.	CITY		STATE			6. TNR	CC I.D. NO	).	
E	NOTE 49 ML	414.6	(fe )	PH	8. CON		nel o	TOTAL	10. UNIT	11. TEXAS
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			No.	Typ		JANTITY	Wt/Vol.	WASTE ID #
N	a.				7	12				
	b.									
E	c.		1	***			-			
	d. / \ )		24	Tal V			-			
R	4 1 W		41	10 URC						
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13.	WASTE P	ROFILE NO	О.
A	Partia sud Altro Letter of Homes who									
				GENCY OR SPIL	L, CO	NTAC	T			
T	NAME .	PHON	E NO					24-HOUR	EMERGEN	NCY NO.
	15.GENERATOR'S CERTIFICATION:				neimme	nt are fi	ully and	accurately	described al	nove by proper
0	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled,	and are in	all respects in proper co	ndition fo	or transp	port by h	ighway acc	ording to ap	plicable
	PRINTED/TYPED NAME	cruding a	opineable s	SIGNATURE	the same	materi	als pievi	ously appro		DATE
R	PRINTED/TTPED NAME			SIGNATURE						DAIE ,
T	16. TRANSPORTER (1)			17.	Tì	RANS	PORT	ER (2)		
R				NAME:			1 0111	221 (2)		
A N	NAME: TEXAS I.D. NO.	1		TEXAS I.D. NO.						
S					D GENIG	M GON				
P	IN CASE OF EMERGENCY CONTACT:			IN CASE OF EMP		YCON	TACT:			
R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of	of receipt	of material	EMERGENCY PH		(2): A	cknowle	dgment of	eceipt of m	aterial
T E		1								
R	PRINTED/TYPED NAME			PRINTED/TYPEI	) NAME			·		
S	SIGNATURE	DATE	**** * *.	SIGNATURE				, <u>I</u>	DATE	<u> </u>
		ADDI						PHONE:		
D E	Lea Land, LLC			le Marker 64, U.			-	, I	575-88	7-4048
D F I A	<u> </u>		30	Miles East of Ca	arlsbac	d, NN	1			
S C P I	PERMIT NO.  WM-01-035 - New Mex	ico		20. COMMENTS						
O L										1
S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		: I Hereby	certify that the above of	iescribed	wastes	were de	nvered to the	nis facility, t	nat the
LY	AUTHORIZED SIGNATURE			CELL NO		D	ATE		TIN	ИE
	Maria C			-10		1			1	U.J.

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON	-HAZARDOUS WASTE MANIF	EST NO	166109 1. PAGE_OF_ 2. TRAILER NO. /					14
	3. COMPANY NAME	4. ADDRESS				PICK-UP DATE		
G	NO VO DIL E DIAS	1001 W. Wish	ire Blyd # 206		27	30/2022	-	R - 1
	PHONE NO.	CITY	STATE		ZIP 6.	TNRCC I.D. NO	)	1
E	(405) 286-1391	Oklahoma	-OK	7519				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:		8. CON No.	TAINERS  Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	Non-Regulated, Non Hazardous Waste			4 - 1	cia .			
	b.	4-1	,					
E	с.		-					
R	dur 40700. 32120	) 44	(6)(5)					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	,				13. WASTE I	PROFILE N	O
A	RANA SALADA FED COM 0100 238H							
			GENCY OR SPIL	L, CO	NTACT			
T	NAME SOE ONTIMEROS	PHONE NO	18			24-HOUE	REMERGE	NCY NO.
	15.GENERATOR'S CERTIFICATION:	I Hereby declare the	at the contents of this co	onsignme	nt are fully	and accurately	described a	bove by proper
0	shipping name and are classified, packed, marked, and international and national government regulations, in	d labeled, and are in cluding applicable s	all respects in proper co tate regulations, and are	ndition for the same	or transpor materials	t by highway ac previously appr	cording to a coved by LE	pplicable A LAND, LLC
R	PRINTED/TYPED NAME		SIGNATURE		4.4			DATE
K	CO MAN:						100	
T	16. TRANSPORTER (1)		17.	TI	RANSPO	ORTER (2)		
R	NAME:	U.C.	NAME:					Marco (1
N	TEXAS I.D. NO.		TEXAS I.D. NO.					
SP	IN CASE OF EMERGENCY CONTACT:	CPMERSON	IN CASE OF EMP	ERGENC	Y CONTA	CT:		
0	EMERGENCY PHONE:	638-4045	EMERGENCY PH	IONE:				
R	18. TRANSPORTER (1): Acknowledgment of	of receipt of materia	1 19. TRANSPO	RTER	(2): Ackn	owledgment of	receipt of n	naterial
E		she	PRINTED/TYPEI	NÁME	÷			
R	SIGNATURE	DATE 11/50	SIGNATURE		-		DATE	
		ADDRESS:			-	PHONE:		
	Lea Land, LLC	M	ile Marker 64, U	S. Hw	y 62/18	30,	575-88	37-4048
DF		30	Miles East of C	arlsbac	d, NM			
I A S C P I	PERMIT NO. WM-01-035 - New Mex	tico	20. COMMENTS					
O L S I A T	21 DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		y certify that the above	described	wastes we	re delivered to	this facility,	that the
LY	AUTHORIZED SIGNATURE		CELL NO.	-	DAT	B 4V2022	TI	ME

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3
COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

Semond Dr. and							A Second			
NON	V-HAZARDOUS WASTE MANIF	EST NO	1	66110	1. PA	GE	OF	2. TRAII	ER NO.	889
	3. COMPANY NAME	4. ADDRESS		m 1 45 70 m				L-UP DATE		
G	NOVO OIL & GAS	1001 55.550	13 miles	Blvd #206			1/30/2	0322		
	PHONE NO.	CITY		STATE		ZIP	6. TNR	CC I.D. NO		
E	(405) 288-4391	Oldahum	A	00	7311	0				
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:	-		8. CON			. TOTAL JANTITY	10. UNIT	11. TEXAS
N.T	a.				No.	Туре	Q	DANIIII	Wt/Vol.	WASTE ID #
N	a. Non-Regulated, Non-Hazardous Wash				1	GM.				
	b.		~							
E	C. v									
			- 1 -							
R	4740190 4278	20	4/	100						
	12. COMMENTS OR SPECIAL INSTRUCTIONS:		- 110	100			13.	WASTE P	ROFILE N	0.
A	RANA SALADA FED COM 0106 238H									
A										
	14. IN CA	SE OF EMI	ERGI	ENCY OR SPIL	L, CO	NTAC	Γ	24-HOLD	EMERGE	NCV NO
T	JOE ONTIVEROS	PHONE NO	ALLIAND					24-1100R	LIVILICUE.	NOT NO.
	15.GENERATOR'S CERTIFICATION:				ncianma	nt ara fo	1hr and	accurately	described a	hove his ntones
0	shipping name and are classified, packed, marked, an	d labeled, and are	e in all	respects in proper con	ndition fo	or transp	ort by h	nighway acc	ording to a	pplicable
	international and national government regulations, in	cluding applicab	le state	e regulations, and are	the same	materia	ıls previ	iously appro	ved by LE.	A LAND, LLC
R	PRINTED/TYPED NAME		-	SIGNATURE						DATE
	CIE, MAN,									
T	16. TRANSPORTER (1)			17.	TI	RANS	PORT	TER (2)	,	
R	NAME:	11.0		NAME:						Name and
A N	TEXAS I.D. NO.	144 Cock		TEXAS I.D. NO.						
S	200000010000	CPHERSON								
P	IN CASE OF EMERGENCY CONTACT.		4.	IN CASE OF EME	RGENC	Y CON	TACT:			
O R	EMERGENCY PHONE:	038-4045		EMERGENCY PHO		(2)				
T	18. TRANSPORTER (1): Acknowledgment of	of receipt of mate	erial	19. TRANSPOR	KIER (	(2): Ac	knowle	dgment of r	eccipt of m	aterial
E	PRINTED/TYPED NAME 1844 Under	1.		PRINTED/TYPED	NAME	15 = -				
R	A DAY	1.16	34.67	122						
	SIGNATURE	DATE		SIGNATURE					ATE	
		ADDRESS:						PHONE:		
D F	Lea Land, LLC			Marker 64, U.					575-88	7-4048
D F I A				liles East of Ca	arlsbac	ı, NM				
S C	PERMIT NO.			20. COMMENTS						
PI	WM-01-035 - New Mex	100					ŧ			
O L S I	21.DISPOSAL FACILITY'S CERTIFIC		reby co	ertify that the above d	escribed	wastes	were de	livered to th	is facility,	that the
A T	facility is authorized and permitted to receive such v	vastes.		1		1111				
L Y	AUTHORIZED SIGNATURE			CELL NO		D.	ATE		TI	ME
	KN VIVVI		0.76	15		1	1/30/3	2022	- 11	062
	THE TALL		-				-		- 11	

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3 COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON	-HAZARDOUS WASTE MANIF	EST	NO 1	66179	3	1. PA	GEOF	_	2. TRAIL	ER NO,	884
~	3. COMPANY NAME	4. ADDRE							UP DATE		
G	PHONE NO.	CITY	Sovilabile	STATE	701		-	TNRC	C I.D. NO		
E	(406) 286-4391	Oldahosa		rus		734 W					
L	7. NAME OR DESCRIPTION OF WASTE SHIPPE			241.0			TAINERS		TOTAL	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a.		-			140.	Туре	QUA	ANIIII	VV I/ VOI.	WASTE ID#
	Ton-Regulated, Non Hazardous Waste b.					1 - 1	71/4				
E	c. 11/12/12/2		1 1 1	222							
	40000	0.137	160	20							
R	45960 41	240		406	10		i e				EDEAL V
	12. COMMENTS OR SPECIAL INSTRUCTIONS:							13.	WASTE P	ROFILE N	0.
A	RANA SALADA FED COM 0106 236H										
	14. IN CA	SE OF E		ENCY OR	SPILI	L, COI	NTACT		24-HOUR	EMERGE	NCY NO
T	JOE ONTIVEROS		97.10.19							LINEROE	
0	15.GENERATOR'S CERTIFICATION:	I Hereby de	eclare that	the contents of	this con	nsignmer	nt are fully	y and a	ccurately	described a	bove by proper
0	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, ar	olicable stat	e regulations, a	and are t	he same	materials	previo	usly appro	oved by LE.	A LAND, LLC
R	PRINTED/TYPED NAME			SIGNATURE				71			DATE
	CO. MAN	·		-7			581				
T R	16. TRANSPORTER (1)	,		17.		TF	RANSP	ORTI	ER (2)		
A	NAME: KAUK CONSTRUCTION	uc.		NAME:							
N S	TEXAS I.D. NO.			TEXAS I.D.	NO.						
P	IN CASE OF EMERGENCY CONTACT:			IN CASE O	F EMEI	RGENC	Y CONTA	CT:			
O R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt of		EMERGEN 19. TRAN			(2): Ack	nowled	gment of i	receipt of m	aterial
T E	1000										
R	PRINTED/TYPED NAME			PRINTED/	LYPED	NAME					
S	SIGNATURE	DATE	1207100	SIGNATUR	E				E	DATE	
	Table 1110	ADDRE		Maulean C	4 TTG	N II	60/1		PHONE:	<i>ETE</i> 00	7-4048
D F	Lea Land, LLC			Marker 6 Miles East			•	00,		3/3-00	7-4046
I A S C	PERMIT NO.			20. COMMEN			-11-				All following
PI	WM-01-035 - New Mex	cico									
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		I Hereby o	certify that the	above de	escribed	wastes we	ere deli	vered to the	his facility,	that the
LY	AUTHORIZED SIGNATURE			CELL NO.			DA	ГЕ		TI	ME
1	MALLINI	VEro	S		F		1	211/2	032	1	700

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

				1			1,161	
NON	-HAZARDOUS WASTE MANIF	EST NO	166180	1. PA	GEOF	2. TRAI	LER NO.	14
-	3. COMPANY NAME	4. ADDRESS	hire Blod # 206		5. I	PICK-UP DATE		
G	PHONE NO.	CITY	STATE		ZIP 6.7	TNRCC I.D. NO	)	
			SIAIE	7311		INRCC I.D. NO	).	THE PARTY
E.	7. NAME OR DESCRIPTION OF WASTE SHIPPE	Oktabom a	- OK		TAINERS	9. TOTAL	10. UNIT	11. TEXAS
				No.	Туре	QUANTITY	Wt/Vol.	WASTE ID#
N	a. Non-Regulated, Hon Hazardous Waste			1	AH_			
	b.	1740						
E	c. 3400m	3111	1()					
	d. 1959) [1]	51/00	FIG.1/-17					
R	4 8080 -1	JILIO .	10100			12 111 277	DOEN -	
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE I	KOFILE N	O.
A	RANA SALADA FED COM 0100 236H							
	14. IN CA	SE OF EME	RGENCY OR SPIL	L, COI	NTACT	24-4011	EMERGE	NCV NO
T	NAME DE ONTIVEROS	PHONE NO	049			24-110UF	·	INCT INC.
	15.GENERATOR'S CERTIFICATION:	I Hereby declare	that the contents of this co					
O	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are	in all respects in proper co	ndition fo	or transport	by highway ac	cording to a	pplicable
	PRINTED/TYPED NAME	, , , , , , , , , , , , , , , , , , ,	SIGNATURE			PF		DATE
R	KIN ED/I I FED NAME		BIOLULI OLD					, 1-1
T	16. TRANSPORTER (1)		17.	TI	RANSPO	ORTER (2)		
R			NAME:			(=)		
A N	NAME:	ThC.	TEXAS I.D. NO.					
S	TEXAS I.D. NO.			n circus	er do'rm'	OT.		
P	IN CASE OF EMERGENCY CONTACT:	638-1015	IN CASE OF EME		Y CONTA	CI:		
R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of		ial 19. TRANSPO		(2): Ackn	owledgment of	receipt of m	naterial
T E	1/0/	sa e e		,			T.P. U. II	
R	PRINTED/TYPED NAME		PRINTED/TYPED	) NAME				-
S	SIGNATURE	DATE	SIGNATURE		-		DATE	1 1 1
	*	ADDRESS:				PHONE:		
D =	Lea Land, LLC		Iile Marker 64, U.			30,	575-88	37-4048
D F I A		3	0 Miles East of Ca	arlsbac	l, NM			
SC	PERMIT NO. WM-01-035 - New Mex	rico	20. COMMENTS					la juli s
P I O L			-					
SI	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		eby certify that the above of	described	wastes we	re delivered to	his facility,	that the
A T L Y	AUTHORIZED SIGNATURE	A 1	CELL NO.		DAT	E	TI	ME
	ACTIONIZED SIGNALUNE	NEMA	CLEB ING.			2/1/2022	1 2	00
	COMMO COM	1 ACIONS		-	14	AL HADEE		

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

			1		LIV	1	D. T.		
NON	-HAZARDOUS WASTE MANIF			.66207	1: PA	GEOF_			000
	3. COMPANY NAME	4. ADDRES					ICK-UP DATE	3	
G	NOVO OIL & GHS		Minhis	re Blvd # 206			1/2022	L	
	PHONE NO.	CITY		STATE		ZIP 6. T	NRCC I.D. NO	).	
E	(405) 286-4391	Oldahoma		DH	e con	TAINERS	9. TOTAL	10. UNIT	11. TEXAS
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			No.	Type	QUANTITY	Wt/Vol.	WASTE ID #
N	a.				4	-1.4			
	Non-Regulated, Non Mazerdous Waste b.					-511		7	
E	1 10								
	c. (1)	1.1	118	10.			1		
D	d. Market	OUTS		9,19()					
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	100	-				13. WASTE I	PROFILE N	0
							IS. WASTE I	NOT IEE IV	i) mini
A	RANA SALADA FED DOM 0108 230H		-		-				
`	14. IN CA	SE OF EN		GENCY OR SPIL	L, CO	NTACT	24 HOLII	REMERGE	NCV NO
T	III. Audiensia er			. ,			24-HOUF	EMERGE	INCT NO.
	15.GENERATOR'S CERTIFICATION:	I Haraby dec			nsianme	nt are fully	and accurately	described	hove by proper
0	shipping name and are classified, packed, marked, and	d labeled, and	are in a	all respects in proper con	ndition fo	or transport	by highway ac	cording to a	pplicable
	international and national government regulations, in	cluding appli	cable sta		the same	materials	previously appr	oved by LE	
R	PRINTED/TYPED NAME			SIGNATURE					DATE
	CO MAN								
T	16. TRANSPORTER (1)			17.	TI	RANSPO	RTER (2)		
R	NAME: MALIK ANDINSTRUCTION	ne		NAME:					11,
N	TEXAS I.D. NO.			TEXAS I.D. NO.					
S	IN CASE OF EMERGENCY CONTACT	CPHERS	Ohl	IN CASE OF EME	RGENC	Y CONTAC	CT:		,
0		038-1015		EMERGENCY PH	ONE:				
R	18. TRANSPORTER (1): Acknowledgment of		naterial	19. TRANSPOL		(2): Ackno	owledgment of	receipt of n	naterial
E	PRINTED/TYPED NAME TO SE	CAM	16	PRINTED/TYPED	NAME				- Min
R	PAUNTED/TTPED NAME	-	- ( )	TRINIED/TIPED	MAIVIE				1 - 1
S	SIGNATURE	DATE	12/1/2	SIGNATURE				DATE	<u> </u>
		ADDRES	SS:				PHONE:		
	Lea Land, LLC		Mil	e Marker 64, U.	S. Hw	y 62/18	0,	575-88	37-4048
D F I A			30 1	Miles East of Ca	arlsbac	d, NM			
S C	PERMIT NO.			20. COMMENTS					11
PI	WM-01-035 - New Mex	100							
O L S I	21.DISPOSAL FACILITY'S CERTIFIC		Hereby	certify that the above d	lescribed	wastes wer	e delivered to	his facility,	that the
A T	facility is authorized and permitted to receive such v	vastes.		1		1			
LY	AUTHORIZED SIGNATURE			CELL NO.		DAT	E	TI	ME
	POVIONOIA C.			P		12	11/2022	1	100
				2					

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CTTY, OK 73106 • PHONE (405) 236-4257

		mana mananana					1		1	MUK		
NON	-HAZARDOUS WASTE MANIF	EST	NO	166208	1. PA	.GEO	F	2. TRAII	LER NO.	16		
6	3. COMPANY NAME	4. ADDR						-UP DATE		-1		
G	HOVE OIL & GAS		A. AAIIB)	vire Blyd # 206		_	2/1/2		4			
	PHONE NO.	CITY		STATE		ZIP 6	. TNRO	CC I.D. NC	).			
E	(486) 286-4301	Oldaha	inia .	OK	7411		a L	mom: -	1.6			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON No.	TAINER Type		TOTAL JANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
	a.					71	,		- 1			
	Hon-Regulated, Non-Hac ardous Waste b.	2		-		1341						
E												
12	c. 49186											
P	d. MARCO W	MIL	/ n		,							
R	12 COMMENTS OF SPECIAL DISTRICTIONS	OTO					1:0	WACTER	BOEK E X			
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13.	WASTEP	ROFILE N	Ų.		
A	RANA SALADA FED COM 8106 238H											
				GENCY OR SPIL	L, CO	NTACT						
T	NAME	PHON						24-HOUR	EMERGE	NCY NO.		
	CENEDATORS CEDTIFICATION.		\$17-M			i			1 4 4			
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an	d labeled,	and are in	all respects in proper co	ndition for	or transpo	rt by h	ighway acc	ording to a	pplicable		
	international and national government regulations, in	cluding ap	pplicable :	state regulations, and are	regulations, and are the same materials previously approved by LEA LAND, LLC							
R	PRINTED/TYPED NAME			SIGNATURE						DATE		
	CO MAN											
Т	16. TRANSPORTER (1)			17.	TI	RANSP	ORT	ER (2)				
RA	NAME:			NAME:						11		
N	TEXAS I.D. NO.	LLC:		TEXAS I.D. NO.		*						
S	IN CASE OF EMERGENCY CONTACT:	DOMEST		IN CASE OF EME	DCENC	V CONT	<b>ДСТ</b> .					
P O						LONIA	ACI:					
R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of the control of the contr	of receipt of		EMERGENCY PH 19. TRANSPO		(2): Ack	nowle	dgment of r	eceipt of m	aterial		
T E	L'AC	at Maria						J		palein !		
R	PRINTED/TYPED NAME	) ILDI	white it	PRINTED/TYPED	NAME							
S	SIGNATURE	DATE	12/1	SIGNATURE				. <u>.</u> <u>.</u>	ATE			
		ADDR	RESS:		-			PHONE:				
	Lea Land, LLC			ile Marker 64, U.	S. Hw	y 62/1	80,		575-88	7-4048		
DF				Miles East of Ca				,				
I. A S C	PERMIT NO.			20. COMMENTS				,		1 (1-7)		
PI	WM-01-035 - New Mex	ico							- r	1		
O L S I	21.DISPOSAL FACILITY'S CERTIFIC	ATION	: I Hereb	y certify that the above of	lescribed	wastes w	ere de	livered to the	nis facility,	that the		
A T	facility is authorized and permitted to receive such v	vastes.	-	1	1.					1 8.1		
LY	AUTHORIZED SIGNATURE			CELL NO	*	DA	TE		TI	ME		
	Pugoda (			1			2/1/5	2022	Q.	30		
CENTED	Amon CONTROL & C	DICE	DOCAT C	THE COPIES A CA					OPTERS	CODING 4 0 #		

GENERATOR: COPIES 1 & 6

COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

DAY SOLUMINE ANNUAL OF		and the same					1	VICIL F
NON	I-HAZARDOUS WASTE MANIF	EST NO	166209	1. PAGE	OF	2. TRAIL	ER NO.	404
	3. COMPANY NAME	4. ADDRESS	us Blvd # 200	-	A Marie Cont. Addition	-UP DATE		
G	NOVO OIL & DAS			710	1 20			
	PHONE NO.	CITY	STATE	ZĮP	6. TNRC	CC I.D. NO		
E	(405) 286-4391	310 whama	OK	8. CONTAIL	NERS 9	TOTAL	10. UNIT	11. TEXAS
	7. NAME OR DESCRIPTION OF WASTE SHIPPED	D:		The second second	and the second second	JANTITY	Wt/Vol.	WASTE ID#
N	a. Hon-Regulated, Non Hazardous Waste			2 CM				
	b.							
E	c. ///////							
	41140							
R	da 467 (co 447	520	4-16-10					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:			-	13.	WASTE P	ROFILE N	0.
A	RANA SALADA FED COM 0106 236H							
	14. IN CA	SE OF EMER	RGENCY OR SPIL	L. CONTA	ACT			
Т	NAME	PHONE NO	COLITION ON DIVI	22, 001,11		24-HOUR	EMERGE	NCY NO.
	JOE ONTIVEROS	575-697-00	48 /					
	15.GENERATOR'S CERTIFICATION:	I Hereby declare the	nat the contents of this co	onsignment ar	re fully and	accurately	described a	bove by proper
0	shipping name and are classified, packed, marked, and international and national government regulations, inc	cluding applicable	state regulations, and are	e the same ma	terials previ	iously appro	oved by LE	A LAND, LLC
	PRINTED/TYPED NAME		SIGNATURE	1 , 1				DATE
R	CO MARL							
Т	16. TRANSPORTER (1)	,	17.	TRAN	NSPORT	ER (2)		
R			NAME:					
A N	EMAIN COMMISSION	LLC.	TEXAS I.D. NO.					
S	TEXAS I.D. NO.	CPHERSON						
P	IN CASE OF EMEROENCI CONTACT.	638-4045	IN CASE OF EMI	ERGENCY C	ONTACT:			
R	EMERGENCY PHONE:	Pur to the s	al 19. TRANSPO		• Acknowle	doment of a	receipt of m	oterial
T	18. TRANSPORTER (1): Acknowledgment of	A 1	al 19. TRANSIO	KIĘK (2).	. Acknowle	uginent of i		attrial
E R	PRINTED/TYPED NAME (0)   Mai (0)	Kodi yue	PRINTED/TYPE	D NAME				
S	SIGNATURE	DATE	SIGNATURE			<u> </u>	DATE	a plant
		ADDRESS:				PHONE:		
	Lea Land, LLC		ile Marker 64, U	S. Hwy	62/180,		575-88	7-4048
D F			Miles East of C					
I A S C	PERMIT NO.		20. COMMENTS					77
PI	WM-01-035 - New Mex	ico	4 2 2					
O L S I	21.DISPOSAL FACILITY'S CERTIFIC	ATION: I Here	by certify that the above	described was	stes were de	livered to the	his facility,	that the
A T	facility is authorized and permitted to receive such w	vastes.	1 /					
L Y	AUTHORIZED SIGNATURE		CELL NO.		DATE		II	ME
	Mayria		10		19/1/	7022	1	100
	I TOWN CO.					Met.		

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3 COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405)

	1300 WEST MAIN ST	ICELI C	TEL TIONI	retti, ok 75	.00 1	TOTAL (	403) 230	1237	1001	( )	ME.
NON	I-HAZARDOUS WASTE MANIF	EST	NO 1	66210	)	1. PA	GEOF		2. TRAIL	ER NO.	100
	3. COMPANY NAME	4. ADDF		S Divisi et 10	6	-			-UP DATE		
G	NOVO DIL & BAS		- Saturat	6 Blvil # 20				21/3			
	PHONE NO.	CITY		STATE			ZIP 6.	TNRC	CC I.D. NO		
E	(405) 286-4391	Olifaho	me	OK		7311		-			
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:				8. CON No.	TAINERS Type		TOTAL	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
·N	a.						JI				
	Hon-Regulated, Hon Hazardous Waste b.					1 -	344				
_	D.										
E	c.										
	d. (100110 /116)	nn	-								
R	MT-1(169() -116	(1)			7				-		
	12. COMMENTS OR SPECIAL INSTRUCTIONS:							13.	WASTE P	ROFILE N	0.
A	RANA SALADA FED COM DIGE 238H										
-	14. IN CA	SE OF	EMERG	ENCY OR	SPILI	, CO	NTACT				
Т	NAME	PHON				,			24-HOUR	EMERGE	NCY NO.
	DE ONTIVEROS	575	987-4049								
	15.GENERATOR'S CERTIFICATION:										
0	shipping name and are classified, packed, marked, and international and national government regulations, in										
	PRINTED/TYPED NAME			SIGNATURE							DATE
R				SIGNATURE							DATE
	CO MAN:	,					ANICE	ODT	ED (A)		
T R	16. TRANSPORTER (1)			17.		10	RANSP	JKI	ER (2)		
A	NAME: KALIK CONSTRUCTION	U.C.		NAME:							
N	TEXAS I.D. NO.			TEXAS I.D.	NO.						
S	IN CASE OF EMERGENCY CONTACT	CPHER	NORS	IN CASE OF	EME	RGENC	Y CONTA	CT:			
0	EMERGENCY PHONE:			EMERGENO	Y PHO	ONE					
R	18. TRANSPORTER (1): Acknowledgment of			19. TRAN			(2): Ack	nowled	lgment of r	eceipt of m	aterial
T E	PRINTED/TYPED NAME	ii i n . I	VT	DDB/TED/T	VDED	NAME					131
R	PRINTED/TYPED NAME	8 100	4 50.	PRINTED/T	Y PED	NAME					
S	SIGNATURE	DATE	12/1/2	SIGNATUR	E				D	ATE	·
		ADDI	RESS:						PHONE:		
	Lea Land, LLC	,	Mile	Marker 64	4, U.S	S. Hw	y 62/1	80,	,	575-88	7-4048
D F			30 N	Ailes East	of Ca	rlsbac	l, NM				
I A S C	PERMIT NO.			20. COMMEN	TS		-	- 11			
PI	WM-01-035 - New Mex	ico		20.00							
O L	21.DISPOSAL FACILITY'S CERTIFIC	ATION	: I Hereby	ertify that the a	bove de	escribed	wastes we	ere del	ivered to the	nis facility,	that the
S I A T	facility is authorized and permitted to receive such w				-					, ,	
L Y	AUTHORIZED SIGNATURE			CELL NO.	1	1	DAT	ΓE		TI	ME
	bynnon (				2			2/1/2	inon-	0	1500
					10		1	No. ILA	NIEK-		

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3 COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

LEA LAND, LLC
1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON	I-HAZARDOUS WASTE MANIF	ECT NO	20000	1 PAGI	E_OF_	2. TRAII	FR NO	400
NOP	3. COMPANY NAME	4. ADDRESS	100253	1. IAG		CK-UP DATE		
G			re Blvd # 206			CK-UP DATE	,	
-	PHONE NO.	CITY	STATE	ZI	IP 6. TN	NRCC I.D. NC	).	
	the state of the s			73116		11001101110		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	Oktahoma	OK	8. CONTA	AINERS	9. TOTAL	10. UNIT	11. TEXAS
	7. NAME OR DESCRIPTION OF WASTE SHIFFE	D:		No.	Type	QUANTITY	Wt/Vol.	WASTE ID#
N	<ul> <li>Non-Regulated, Non-Hazardous Waste</li> </ul>			1 (3	M.			,
	b.	-					0	
E	C.							
	40166							
R	477766 401	()()	11000					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE P	ROFILE N	O
A	RANA SALADA FED COM 0106 236H							
A		CE OF EMED	CENCY OD CDII	I CON	TACT			
	14. IN CA	PHONE NO	GENCY OR SPIL	L, CON	IACI	24-HOUR	EMERGE	NCY NO.
Т	DE ONTIVEROS	575-887-10						73.5
	15.GENERATOR'S CERTIFICATION:	I Hereby declare the	at the contents of this co	onsignment	are fully a	nd accurately	described a	bove by proper
0	shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are in cluding applicable s	all respects in proper co	ndition for the same n	transport b	by highway accreviously appr	cording to a oved by LE.	oplicable A LAND, LLC
		8	SIGNATURE		-	7 11		DATE
R	PRINTED/TYPED NAME		SIGNATURE					DAIL
	CO MAN.		10	TD	ANCDO	DTED (2)		11247
T R	16. TRANSPORTER (1)		17.	IRA	ANSPO	RTER (2)		
A	NAME: KALIK COMETRIDE HOM	ELC;	NAME:					
N S	TEXAS I.D. NO.		TEXAS I.D. NO.					
P	IN CASE OF EMERGENCY CONTACT!	CPHERSON	IN CASE OF EMI	ERGENCY	CONTAC	T:		
0	EMERGENCY PHONE:	830-4045	EMERGENCY PH	IONE:				
R	18. TRANSPORTER (1): Acknowledgment	of receipt of materia	19. TRANSPO	RTER (2	2): Acknow	wledgment of	receipt of m	aterial
E	PRINTED/TYPED NAME	dyret	PRINTED/TYPEI	NAME				1.1011
R		THE STATE OF THE S	2000		,			
0	SIGNATURE	DATE	SIGNATURE			I	DATE	
		ADDRESS:				PHONE:		
D E	Lea Land, LLC		le Marker 64, U			),	575-88	7-4048
D F I A		30	Miles East of C	arlsbad,	NM			-
S C	PERMIT NO.  WM-01-035 - New Mex	rian -	20. COMMENTS					
P I O L	WIVI-01-033 - New IVIEX					1 -		
SI	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v	ATION: I Hereb	y certify that the above	described w	astes were	delivered to t	his facility,	that the
A T L Y		vasits.				-		
LI	AUTHORIZED SIGNATURE		CELL NO.		DATE		TI	ME
	K) KUVULL		10	•	12/	1/2022		W

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3 COPY 4

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON	-HAZARDOUS WASTE MANIF	EST	NO 1	66264	1. PA	GE	OF	2. TRAIL	ER NO.	12.
	3. COMPANY NAME	4. ADDRI	ECC	Early Higher			5. PICK	-UP DATE		
G	PHONE NO.	CITY		STATE		ZIP	6 TNP	CC I.D. NO	· · · · · · · · · · · · · · · · · · ·	
	PHONE NO.	CITI		SIAIE	77/10		0. 11460	CC I.D. NO	,.	
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:			8. CON			TOTAL	10. UNIT	11. TEXAS
N	a. a. resourced the Proportion Wester				No.	Тур	e QL	JANTITY	Wt/Vol.	WASTE ID #
IN	b.									
E	0.									
L	c									
R	d.	1-1		1 JK						
	12. COMMENTS OR SPECIAL INSTRUCTIONS:						13.	WASTE P	ROFILE N	О.
A	Radio as an a AED CONTROL (2004)									
	14. IN CA	SE OF I	EMERGI	ENCY OR SPIL	L, CO	NTAC	T			
Т	NAME	PHONE	NO					24-HOUR	EMERGE	NCY NO.
		Y TT 1		ha companyo of this or		at and G	ally and	a a a sumita lu	degoribed of	have by mannan
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, and international and national government regulations, inc	d labeled, a	nd are in all	respects in proper co	ndition fo	or trans	port by h	ighway acc	cording to a	plicable
		cluding ap	plicable stat		uie same	materi	ais previ	ously appro	oved by LE.	
R	PRINTED/TYPED NAME			SIGNATURE						DATE
Т	16. TRANSPORTER (1)			17.	TI	RANS	PORT	ER (2)		
R	NAME:			NAME:				(_)		
A N	TEXAS I.D. NO.			TEXAS I.D. NO.						
S	IN CASE OF EMERGENCY CONTACT:	CPHER	004	IN CASE OF EME	RGENC	y con	таст.			- 1
P	(40%)		8	EMERGENCY PH		1 CON	IACI.			
R T	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt o	f material	19. TRANSPO		(2): A	cknowle	dgment of	receipt of m	aterial
E	PRINTED/TYPED NAME			PRINTED/TYPEI	) NAME					
R	a december		17.17.18	LEGU.						
5	SIGNATURE	DATE		SIGNATURE					DATE	
	Log Land LLC	ADDR		Marker 64, U	C Hu	n 62	/180	PHONE:	575-88	7-4048
D F	Lea Land, LLC			files East of C		-	. 1		373-00	7-4040
I A S C	PERMIT NO.		001	20. COMMENTS		.,				
P I	WM-01-035 - New Mex	cico								
O L S I A T	21 DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w		I Hereby c	ertify that the above	described	wastes	were de	livered to f	his facility,	that the
L Y	AUTHORIZED SIGNATURE			CELL NO.		Ι	DATE		TI	ME .
	I MUNICIPAL CE			L			17, 17,	11,2	1	
	TARREST C			+						

GENERATOR: COPIES 1 & 6.

DISPOSAL SITE: COPIES 2 & 3

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

	1300 WEST MAIN ST	REET • (	OKLAHOMA	CITY, OK 73106 • I	PHONE (	405) 236-42	257	JF.	LK TI
NON	-HAZARDOUS WASTE MANIF	EST	NO 1	66330	1. PA	GEOF_	_ 2. TRAII	ER NO.	168
	3. COMPANY NAME	4. ADDI	RESS			5. P	ICK-UP DATE		
G	PHONE NO.	CITY	v. Whatin	STATE	,	ZIP 6. T	NRCC I.D. NO		
E	THORE NO.	ÇIII		BINIE		0. 1	TROC I.D. IVO		
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	D:	en e	<u>िच्या</u>	8: CON No.	TAINERS	9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a.				No.	Туре	QUANTITI	VV U VOI.	WASTE ID#
	b. War the sales that the a deep Wast			,	-	1			
E	c. // // // //								
	d. 110-000	0.		1					
R	WT 47000 420	171	)	11150		Unit 1	40 2011 0000 0		
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					-	13. WASTE P	ROFILE N	0.
A	PANA SALADA EED COM DIDA 2384	OF 05	ni reno	THE COLUMN		VIII A COTT	-		
	14. IN CA	PHON		ENCY OR SPIL	L, CO	VIACT	24-HOUR	EMERGE	NCY NO.
			Je			,			
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an	d labeled	and are in al	respects in proper ed	ndition fo	or transport	by highway acc	ording to a	plicable
	international and national government regulations, in	ncluding a	pplicable stat		the same	materials p	reviously appro	oved by LE.	
R	PRINTED/TYPED NAME			SIGNATURE					DATE
Т	16. TRANSPORTER (1)			17.	TE	RANSPO	RTER (2)		
R	NAME:	•		NAME:	'				
A N	TEXAS I.D. NO.	ILLC.		TEXAS I.D. NO.			•		
S P	IN CASE OF EMERGENCY CONTACT:	CPHE		IN CASE OF EMI	ERGENC	Y CONTAC	CT:		
O R	EMERGENCY PHONE:	At-12		EMERGENCY PE					
T	18. TRANSPORTER (1): Acknowledgment	of receipt	of material	19. TRANSPO	RTER	(2): Ackno	wledgment of	eceipt of m	aterial
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		ADD	RESS:	1			PHONE:		
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S C P I	WM-01-035 - New Mex	kico .		6					
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A T L Y	facility is authorized and permitted to receive such	wastes.		CELL NO		DATI	2	TI	ME
	AUTHORIZED SIGNATURE			CELL NO				7	00
				- F			A130122		

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

NON	-HAZARDOUS WASTE MANIF	EST 1	NO 1	66331	1. PA	GEO	F	2. TRAIL	ER NO.	14.
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T R	16. TRANSPORTER (1)			17.	TI	RANSI	ORT	ER (2)		
A	NAME:	LLC.		NAME:						
N S	TEXAS I.D. NO.			TEXAS I.D. NO.						
P	IN CASE OF EMERGENCY CONTACT;	CPHER	SCIN	IN CASE OF EME		Y CONT	ACT:			
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt of		EMERGENCY PH  19. TRANSPOI		(2): Acl	nowle	dgment of 1	eceipt of m	aterial
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	Lea Land, LLC	ADDRE		Marker 64, U.	S. Hw	v 62/	80,	PHONE:	575-88	7-4048
DF				files East of Ca						
S C P I	PERMIT NO. WM-01-035 - New Mex	kico	-	20. COMMENTS						
O L S I A T	21.DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such v		I Hereby co	ertify that the above d	lescribed	wastes v	vere de	livered to the	nis facility,	that the
LY	AUTHORIZED SIGNATURE		41F	CELL NO.			TE	022	IIT F	125

GENERATOR: COPIES 1 & 6

DISPOSAL SITE: COPIES 2 & 3
COPY 4



**APPENDIX E** Laboratory Analytical Data Reports



June 03, 2022

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO RANA SALADA

Enclosed are the results of analyses for samples received by the laboratory on 06/03/22 8:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

 Received:
 06/03/2022
 Sampling Date:
 06/02/2022

 Reported:
 06/03/2022
 Sampling Type:
 Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - SIDEWALL - NORTH - 1 ( 0-4') (H222350-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.0	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - SIDEWALL - NORTH - 2 ( 0-4') (H222350-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	76.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.7	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - SIDEWALL - NORTH - 3 ( 0-4') (H222350-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	79.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.6	% 59.5-14	2						

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Celey D. Keene

RTFY 8021R



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - SIDEWALL - EAST-1 ( 0-4') (H222350-04)

ma/ka

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.5	% 59.5-14	2						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - SIDEWALL - SOUTH - 1 ( 0-4') (H222350-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1820	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.7	% 59.5-14	22						

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Celey D. Keene

BTEX 8021B



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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - SIDEWALL - SOUTH - 2 ( 0-4') (H222350-06)

mg/kg

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.5	% 59.5-14	2						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - SIDEWALL - SOUTH - 3 ( 0-4') (H222350-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.4	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - SIDEWALL - WEST - 1 ( 0-4') (H222350-08)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.8	% 59.5-14	2						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Sample Received By: Project Number: **NVONM 2102** Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - GRID - 1 ( 3-3.5') (H222350-09)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	75.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.7	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 1 - GRID - 2 ( 3-3.5') (H222350-10)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	68.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	69.0	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - GRID - 3 ( 3-3.5') (H222350-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/03/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.7	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - GRID - 4 ( 3-3.5') (H222350-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	206	103	200	9.51	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	194	97.2	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	78.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.1	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - GRID - 5 ( 3-3.5') (H222350-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: **NVONM 2102** 

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - GRID - 6 ( 3-3.5') (H222350-14)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.1	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: **NVONM 2102** 

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - GRID - 7 ( 3-3.5') (H222350-15)

BTEX 8021B	mg/	kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106 9	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Project Number: **NVONM 2102** Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - GRID - 8 ( 3-3.5') (H222350-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.8	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Fax To

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - GRID - 9 ( 3-3.5') (H222350-17)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.3	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - SIDEWALL - NORTH - 1 ( 0-3') (H222350-18)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.0	% 59.5-14	22						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - SIDEWALL - SOUTH - 1 ( 0-3') (H222350-19)

BTEX 8021B	mg/	'kg	Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.5	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - SIDEWALL - EAST - 1 ( 0-3') (H222350-20)

BTEX 8021B	mg/	/kg	Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.09	104	2.00	3.47	
Toluene*	<0.050	0.050	06/03/2022	ND	2.05	102	2.00	3.61	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.92	96.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.00	100	6.00	3.92	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	74.1	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 1 - SIDEWALL - WEST - 1 ( 0-3') (H222350-21)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	22						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - GRID - 1 ( 1-1.5') (H222350-22)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.6	% 59.5-14	22						

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### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Project Number: **NVONM 2102** Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - GRID - 2 ( 3-3.5') (H222350-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	102 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	103 9	59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Applyzed By: 1H /

Project Location: NOVO OIL & GAS - LOVING NM

ma/ka

### Sample ID: AREA 3 - GRID - 3 ( 3-3.5') (H222350-24)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	212	106	200	7.84	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	196	97.9	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.4	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Applyzed By: 1H /

Project Location: NOVO OIL & GAS - LOVING NM

ma/ka

### Sample ID: AREA 3 - GRID - 4 ( 3-3.5') (H222350-25)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	80.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.3	% 59.5-14	2						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 3 - GRID - 5 ( 3-3.5') (H222350-26)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 3117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	70.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.2	% 59.5-14	2						

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Celey & Keene



### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Sample Received By: Project Number: **NVONM 2102** Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - GRID - 6 ( 3-3.5') (H222350-27)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	79.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	85.8	% 59.5-14	2						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Applyzed By: 1H /

Project Location: NOVO OIL & GAS - LOVING NM

ma/ka

### Sample ID: AREA 3 - GRID - 7 ( 3-3.5') (H222350-28)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.2	% 59.5-14	2						

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Celey D. Keine



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Applyzed By: 1H /

Project Location: NOVO OIL & GAS - LOVING NM

ma/ka

### Sample ID: AREA 3 - GRID - 8 ( 3-3.5') (H222350-29)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.0	% 59.5-14	2						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Project Number: **NVONM 2102** Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - GRID - 9 ( 3-3.5') (H222350-30)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.6	% 59.5-14	2						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Project Number: **NVONM 2102** Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - GRID - 10 ( 3-3.5') (H222350-31)

BTEX 8021B	mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/03/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.2	% 59.5-14	2						

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Celey D. Keine

RTFY 8021R



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Analyzed Ry: 1H/

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - SIDEWALL - EAST- 1 ( 0-3') (H222350-32)

ma/ka

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	90.4	% 59.5-14	2						

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Celey D. Keine



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: **NVONM 2102** 

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - SIDEWALL - NORTH - 1 ( 0-3') (H222350-33)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	06/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	78.1	% 66.9-13	6						
Summanta 1 Chlous atadasana	917	0/ 50.5.14	2						

84.7 % 59.5-142 Surrogate: 1-Chlorooctadecane

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### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Project Number: **NVONM 2102** Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - SIDEWALL - NORTH - 2 ( 0-3') (H222350-34)

BTEX 8021B	mg/	kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	< 0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	83.1 9	% 66.9-13	6						
Survegata: 1 Chloroctadacana	80.60	0/ 50 5 1 /	12						

Surrogate: 1-Chlorooctadecane 89.6 % 59.5-142

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### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Sample Received By: Project Number: **NVONM 2102** Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - SIDEWALL - SOUTH - 1 ( 0-3') (H222350-35)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	72.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.7	% 59.5-14	2						

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BTEX 8021B



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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/03/2022 Sampling Date: 06/02/2022

Reported: 06/03/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 3 - SIDEWALL - SOUTH - 2 ( 0-3') (H222350-36)

mg/kg

	<u> </u>			. , . ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/03/2022	ND	2.08	104	2.00	5.01	
Toluene*	<0.050	0.050	06/03/2022	ND	2.02	101	2.00	6.13	
Ethylbenzene*	<0.050	0.050	06/03/2022	ND	1.97	98.3	2.00	5.47	
Total Xylenes*	<0.150	0.150	06/03/2022	ND	6.06	101	6.00	6.09	
Total BTEX	<0.300	0.300	06/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/03/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/03/2022	ND	189	94.3	200	8.38	
DRO >C10-C28*	<10.0	10.0	06/03/2022	ND	200	100	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	06/03/2022	ND					
Surrogate: 1-Chlorooctane	77.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.4	% 59.5-14	2						

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### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

apriller Catamira of tunixanus.com 25 0 25

Project Manager: BRYM HANEY	P.O.# DINESS PAR		ANALYSIS REQUEST	
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061.658.512 6 Fax#	ess: SAMI			_
7017 LAND	City:	_	_	
NOW KINNE	State: Zip:			
Project Location: LOUN'L NM	Phone #:			
Sampler Name:	Fax #:	1		
MP.	PRESERV. SAMPLING	02		
CONTAINERS ROUNDWATER (ASTEWATER OIL LUDGE	THER: CID/BASE: E/COOL THER:	PH BTEX 8		
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YLEASE NOTE: Lability and Damages. Cariffrish's liability and client's exclusive remedy for any claim arising whether based in contract or bot, shall be limited to the amount paid by the client for the environment of the contract or bot, shall be limited to the amount paid by the client for the environment or the contract or bot, shall be deemed waived unless made in writing and recorded by Cardinal within 30 days after contraction or the amount paid by the client for the environment of the amount paid by the client for the environment of the amount paid by the client for the environment of the	or ford, shall be limited to the amount paid by the client for the recorded by Cardinal within 50 days after connectation of the annual			
) < II.	nether such claim is based upon any of the above stated reason.  Verbal Result:  All Results are	Sees or otherwise.  Verbal Result:	Add'l Phone #: de Email address:	
ed By:	REMARKS:	Push!		
Delivered By: (Circle One)  Observed Temp. °C 3.5° Sample Condition Sampler - UPS - Bus - Other: Corrected Temp. °C 3.0° All Yes All	n CHECKED BY: Turnaround Time: (Initials) Thermometer ID #113	be: Standard Rush	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ Yes	
† Cardinal cannot accept verbal changes. Please email changes to celev keene@cardinallahenm.com	ges. Please email changes to celev ke	eene@cardinallahenm	L NC L NO Corrected Temp. °C	L

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Project Manager: Do Manager	BILL TO	A	ANALYSIS REQUEST
HILL MINISTER	P.O.#: DIMPLE	Rev	
	Company: Dec	7	
# 31.650.217 6 For# A	Attn: NOV	•	
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1) Areal-6050 8 (3-35)	Chinas .	2>	
LEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising nailyses. All claims including those for nephigence and any other cause whatboover shall be deemed waiwed writen in no event shall be deemed waiwed.	arising whether based in contract or lort, shall be limited to the amount paid by the	paid by the clears for the	
her by Cardinal, regard	res interruptions, lose of use, or loss of profits ether such claim is based upon any of the abo		
6837	Right	Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address:	Add'l Phone #: de Email address:
Time:		REMARKS: PUSh!	
ampler - UPS - Bus - Other: Corrected Temp. °C 3.5°C	Sample Condition CHECKED BY: Turn Cool Intact (Initials)  There Th	Turnaround Time: Standard Intermometer ID #113	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
† Cardinal cannot acc	Cardinal cannot accept verbal changes. Please email changes to celev keep @cardinallchanges.		Corrected lemp. "C

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C 3.06 Observed Temp. °C Z

Cool Intact
Office of the cool Sample Condition

CHECKED BY:

Turnaround Time:

Standard

QO

Bacteria (only) Sample Condition

Cool Intact

Corrected Temp, °C Observed Temp. °C REMARKS:

Correction Factor -0.5°C

mometer ID #113

Time:

Received By:

Received By

Verbal Result: Yes No Add'! Phone #:

All Results are emailed. Please provide Email address:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Sample I.D.  Sampl	-	BILL TO	ANALYSIS REDILECT
State: X ZIP: 78ALC Attn: NOVO  NAME ZIOZ  PROJECT OWNER: BH  City: Address: SAWE  NOVO  RINNE SAMPLING  STATE: X ZIP: 78ALC Attn: NOVO  RINNE SAMPLING  STATE: X ZIP: 78ALC Attn: NOVO  RINNE STATE: ZIP: PROSERV  STATE: ZIP: Phone #:  Fax #:  Arca ( *Sidebell AbA(1(6 *3)) C     # CONTAINERS  SOIL OIL SLUDGE  OTHER: ACID/BASE: ICE / COOL  OTHER: ACID/BASE: ICE / COOL  OTHER: Y X X X X X X X X X X X X X X X X X X	+	# Dilleri	CHARLES AND
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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



01 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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IL BITE	BILL TO		ANALYSIS REQUEST
Project Manager: BRYIN HANKY	P.O. #: 0\\	2 Rue	
Address: 14229 YUNTA BONTANC	Company: Pa	THERE	
City: (C State:	Zip: 78ALC Attn:	SOLO	
Phone #: 301.658.3126 Fax#	Address: SAW	4	
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PANA			
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+	Fax #:		
FOR LAB USE ONLY	MATRIX PRESERV.	SAMPLING	
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EASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remainlyses. All claims including those for negligence and any other cause whatsoewer within no event shall Cardinal be liable.	EASE NOTE: Liability and Damages, Cardinal's liability and clients exclusive remody for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the adapter. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable		
Illiates or successions arising out of or related to the performance of services hereunder by C. plane.	to the performance of services hereunder by Cardnal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.    Dafe:		
Time: 05:00		All Results are emailed. Please provide Email address:	Add'l Phone #: de Email address:
elinquished By:	Rece	REMARKS: ZICA	
Time:		801	
ampler - UPS - Bus - Other: Corrected Temp. 63	Sample Condition CHECKED BY: Cool Intact (Initials)	Turnaround Time: Standard Rush	
		Correction Factor -0.5°C	No No Company Town So

BILL TO

ANALYSIS

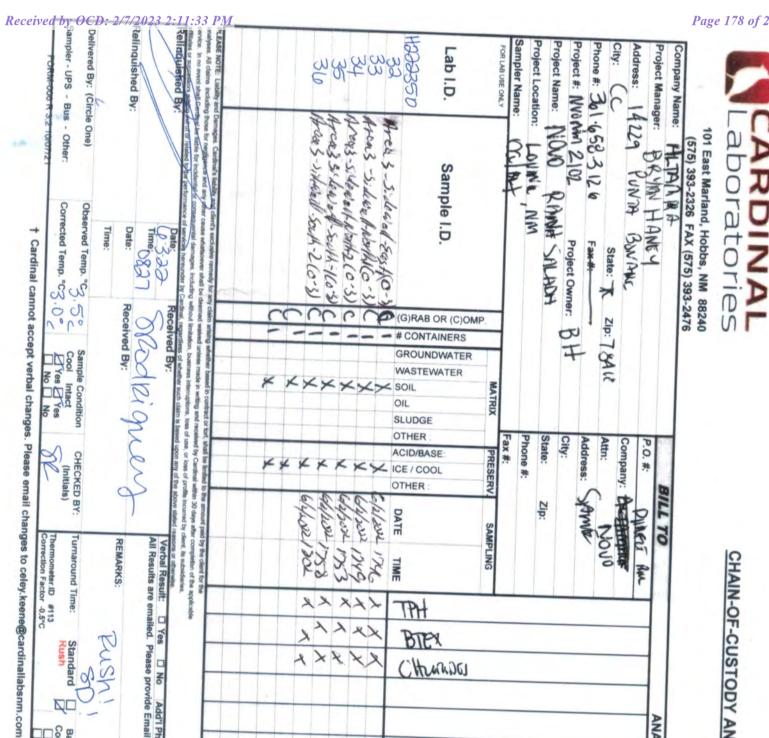
REQUEST

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Verbal Result:

□ Yes

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Turnaround Time:

Standard

Bacteria (only) Sample Condition

c

REMARKS

All Resuits are emailed. Please provide Email address.

hermometer.ID #113 orrection Factor -0.5°C

☐ Yes ☐ Yes ☐ No Cool Intact

Corrected Temp. °C Observed Temp.



June 06, 2022

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO RANA SALADA

Enclosed are the results of analyses for samples received by the laboratory on 06/06/22 8:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/06/2022 Sampling Date: 06/04/2022

Reported: 06/06/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: GM

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

Sample ID: AREA 1 - GRID - 8 ( 4-4.5') (H222380-01)

Chloride, SM4500Cl-B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/06/2022	ND	416	104	400	0.00	
Sample ID: AREA 1 - SIDE\	WALL - EAST	1A ( 0-3')(	H222380-02	)					
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	06/06/2022	ND	416	104	400	0.00	
Sample ID: AREA 7/8 - SI	DEWALL - N	ORTH - 1A (	0-4' ) (H2223	80-03					
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
				ND	416	104	400		

### Chloride, SM4500Cl-B mg/kg Analyzed By: GM

emonacy or risocol B	9	7 119	Andryze	u 27: 0: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/06/2022	ND	416	104	400	0.00	

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Frence

Chloride, SM4500Cl-B



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/06/2022 Sampling Date: 06/04/2022

Reported: 06/06/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Project Location: NOVO OIL & GAS - LOVING NM

Sample ID: AREA 7/8 - SIDEWALL - EAST- 1A ( 0-4') (H222380-05)

Chloride, SM4500CI-B mg/kg Analyzed By: GM

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

**Chloride** 1100 16.0 06/06/2022 ND 416 104 400 0.00

Sample ID: AREA 7/8 - SIDEWALL - SOUTH - 1A ( 0-4') (H222380-06

mg/kg

Analyzed BS True Value QC RPD Analyte Result Reporting Limit Method Blank Qualifier % Recovery Chloride 80.0 16.0 06/06/2022 416 400 0.00 ND 104

Analyzed By: GM

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Celey D. Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below  $6^{\circ}\text{C}$ 

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Project Manager A A A A A A A A A A A A A A A A A A A	BILL TO	ANALYSIS REQUEST
DY WIN IT	P.O. #: DINKS RM	
Address: 14LL9 TUNIA ISWAM		
8010 Fax#	Address: SAWW	
7017 LMN 0	City:	
NOW KINNE	State: Zip:	
Project Location: ONN NM	Phone #:	
Sampler Name: (Y) (N)	Fax#:	
	PRESERV. SAMPLING	
Sample I.D.  RAB OR (C)OM ONTAINERS DUNDWATER STEWATER	ER : D/BASE: COOL	Humber
(G)F	OTH ACID OTH OTH TIME	
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100 1/8- Silver (100 HANG-4)	14	*
Martha Na Colon Colon Colon	X 6/4/202 1455	×
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1 ( 1, 0) West Mars 1. 3 ( 1, 10)	× 6/4/1021382	.>
(1) (4) 118-313000011-SOURTA(O-4)()	* (4/10/11/254)	<i>&gt;</i>
EASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the absence of the client for the c	Y fort, shall be limited to the amount paid by the client for the received by Cardinal within 30 days after completion of the anothers.	
elinquished By:  Date  D	loss of use, or loss of profits incurred by client, its subsidiaries, a based upon any of the above stated reasons or otherwise.	
Time: / S	A STATE OF THE STA	Verbal Result: ☐ Yes ☐ No Add"I Phone #: All Results are emailed. Please provide Email address:
elinquished By:  Date: Received By:	REMARKS: BRYA	yan.
The state of the s	0	
Observed Temp. °C 3,9 Sample	CHECKED BY: Turnaround Time:	
ampler - UPS - Bus - Other: Corrected Temp. °C 3, 4 Cool intact	13	Rush Cool Infact Observed Temp. °C
† Cardinal cannot accept verbal chang		LI NC LI No Corrected Temp. °C



June 02, 2022

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO RANA SALADA

Enclosed are the results of analyses for samples received by the laboratory on 06/02/22 8:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022 Reported: 06/02/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Project Number: **NVONM 2102** Sample Received By: Tamara Oldaker

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: AREA 7/8 - GRID - 1 ( 4-4.5') (H222330-01)

BTEX 8260B	mg/kg A								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	98.9	% 84-115	i						
Surrogate: Toluene-d8	102	102 % 95.3-106							
Surrogate: 4-Bromofluorobenzene	98.4 % 85.1-10		9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/02/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	78.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	86.8	% 59.5-14	2						

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Celey D. Keine



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 2 ( 4-4.5') (H222330-02)

BTEX 8260B

DILX 0200D	ilig/ kg		Allalyzed by. 143						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	96.8	% 84-115	5						
Surrogate: Toluene-d8	101 % 95.3-106		06						
Surrogate: 4-Bromofluorobenzene	95.9	95.9 % 85.1-109							
Chloride, SM4500CI-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/02/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	79.6	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	!2						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 3 ( 4-4.5') (H222330-03)

BTEX 8260B

DILX 0200D	ilig/ kg		Allalyzed by. 143						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	97.3	% 84-115	5						
Surrogate: Toluene-d8	101	101 % 95.3-106							
Surrogate: 4-Bromofluorobenzene	96.9	% 85.1-10	19						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/02/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	74.2	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	82.5	% 59.5-14	12						

## Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 4 ( 4-4.5') (H222330-04)

BTEX 8260B

DILX 0200D	ilig/ kg		Analyzed by. 143						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	99.6	% 84-115	5						
Surrogate: Toluene-d8	100	100 % 95.3-106							
Surrogate: 4-Bromofluorobenzene	96.7 % 85.1-109		19						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/02/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	93.8	% 59.5-14	12						

## Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 5 ( 4-4.5') (H222330-05)

BTEX 8260B

DILX 0200D	ilig/ kg		Allalyzed by. 143						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	97.4	% 84-115	5						
Surrogate: Toluene-d8	100	100 % 95.3-106							
Surrogate: 4-Bromofluorobenzene	96.0 % 85.1-109		19						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	06/02/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	75.6	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	84.2	% 59.5-14	12						

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Celeg D. Freene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 6 ( 4-4.5') (H222330-06)

BTEX 8260B

DIEX GEGGE	11197 119		Analyzea Byl i lo						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	96.9	% 84-115	5						
Surrogate: Toluene-d8	101	101 % 95.3-106							
Surrogate: 4-Bromofluorobenzene	96.2	96.2 % 85.1-109							
Chloride, SM4500Cl-B	mg/kg		Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/02/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	65.5	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	71.6	% 59.5-14	12						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 7 ( 4-4.5') (H222330-07)

BTEX 8260B

DIEX GEGGE	9/ 1.9		Analyzea Byl 110						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	99.3	% 84-115	ī						
Surrogate: Toluene-d8	101	% 95.3-10	16						
Surrogate: 4-Bromofluorobenzene	95.7	% 85.1-10	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	06/02/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	72.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.9	% 59.5-14	2						

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Celey D. Keene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 8 ( 4-4.5') (H222330-08)

BTEX 8260B

D 1 EX G 2 G G G	9/ 1.9		Analyzea Byl 110						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	98.3	% 84-115	ī						
Surrogate: Toluene-d8	101	% 95.3-10	16						
Surrogate: 4-Bromofluorobenzene	95.7	% 85.1-10	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	06/02/2022	ND	400	100	400	7.69	QM-07
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	74.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.0	% 59.5-14	2						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 9 ( 4-4.5') (H222330-09)

BTEX 8260B

BIEN GEGGE	11197 119		Analyzea Byl 110						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	98.2	% 84-115	i						
Surrogate: Toluene-d8	101	% 95.3-10	6						
Surrogate: 4-Bromofluorobenzene	97.9	% 85.1-10	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	06/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	74.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.8	% 59.5-14	2						

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Celey D. Keine



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

 Received:
 06/02/2022
 Sampling Date:
 06/01/2022

 Reported:
 06/02/2022
 Sampling Type:
 Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 10 ( 4-4.5') (H222330-10)

BTEX 8260B

DIEX GEGGE	11197 119		Analyzea Byllio						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	97.4	% 84-115	5						
Surrogate: Toluene-d8	101	% 95.3-10	06						
Surrogate: 4-Bromofluorobenzene	96.3	% 85.1-10	19						
Chloride, SM4500Cl-B	mg/kg		Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	06/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	12						

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 11 ( 4-4.5') (H222330-11)

BTEX 8260B

DIEX GEGGE	9/ 1.9		Analyzea Byl i lo						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	96.5	% 84-115	5						
Surrogate: Toluene-d8	102	102 % 95.3-106							
Surrogate: 4-Bromofluorobenzene	95.8	% 85.1-10	19						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	06/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	74.1	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	82.0	% 59.5-14	12						

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Celeg D. Freene



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 12 ( 4-4.5') (H222330-12)

BTEX 8260B

BIEN GEGGE	9/	119	Analyzo	a 5,1115					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	99.4	% 84-115	ī						
Surrogate: Toluene-d8	102	% 95.3-10	16						
Surrogate: 4-Bromofluorobenzene	99.7	% 85.1-10	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	06/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	88.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.1	% 59.5-14	2						

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Celey D. Keine



06/01/2022

Soil

### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date:
Reported: 06/02/2022 Sampling Type:

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 13 ( 4-4.5') (H222330-13)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	98.5	% 84-115	5						
Surrogate: Toluene-d8	101	% 95.3-10	06						
Surrogate: 4-Bromofluorobenzene	97.4	% 85.1-10	19						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	06/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 66.9-13	16						
Surrogate: 1-Chlorooctadecane	90.8	% 59.5-14	12						

Analyzed By: MS

## Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 14 ( 4-4.5') (H222330-14)

BTEX 8260B

DILX 0200D	ilig	r kg	Allalyze	u by. 143					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	98.8	% 84-115	ī						
Surrogate: Toluene-d8	98.2	% 95.3-10	16						
Surrogate: 4-Bromofluorobenzene	93.9	% 85.1-10	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	06/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.0	% 59.5-14	2						

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Celey D. Keine



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 15 ( 4-4.5') (H222330-15)

BTEX 8260B

BIEN GEGGE	9	119	Analyzo	a 5,1115					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	98.9	% 84-115	ī						
Surrogate: Toluene-d8	102	% 95.3-10	16						
Surrogate: 4-Bromofluorobenzene	97.8	% 85.1-10	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	06/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	71.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	80.7	% 59.5-14	2						

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Celey D. Keine



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 06/02/2022 Sampling Date: 06/01/2022

Reported: 06/02/2022 Sampling Type: Soil

Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact
Project Number: NVONM 2102 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: NOVO OIL & GAS - LOVING NM

mg/kg

### Sample ID: AREA 7/8 - GRID - 16 ( 4-4.5') (H222330-16)

BTEX 8260B

DIEX GEGGE	9/	119	Anaryzo	a 57. 1.15					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	06/02/2022	ND	0.503	101	0.500	1.96	
Toluene*	<0.025	0.025	06/02/2022	ND	0.515	103	0.500	0.0991	
Ethylbenzene*	<0.025	0.025	06/02/2022	ND	0.493	98.7	0.500	0.254	
Total Xylenes*	<0.075	0.075	06/02/2022	ND	1.60	107	1.50	0.307	
Total BTEX	<0.150	0.150	06/02/2022	ND					
Surrogate: Dibromofluoromethane	97.3	% 84-115	ī						
Surrogate: Toluene-d8	99.1	% 95.3-10	16						
Surrogate: 4-Bromofluorobenzene	95.0	% 85.1-10	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	06/02/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.75	
DRO >C10-C28*	<10.0	10.0	06/02/2022	ND	197	98.6	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	06/02/2022	ND					
Surrogate: 1-Chlorooctane	70.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.4	% 59.5-14	2						

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### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Sample I.D.  Sample I.D.  Sample I.D.  State: Zip:  State	Sample I.D.  State: Zip:  Phone #:  Fax #:  Fa	ENOTE: Liability and Damages. Cardinal's liability and client's exclusive remarky for any diam arising whether based in contract or lot, shall be limited to the amount paid by the client or the s. All cliams including those for negligence and any other causes whitebovever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable in no event shall Cardinal be limited to the amount paid by the client for the soft on the applicable of services. Hereundes by Cardinal within 30 days after completion of the applicable for successors arising out of graphset PTEs performance of services. Hereundes by Cardinal within 30 days after completion of the applicable for successors arising out of graphset PTEs performance of services. Hereundes by Cardinal within 30 days after completion of the applicable for successors arising out of graphset PTEs performance of services. Hereundes by Cardinal within 30 days after completion of the applicable for successors arising out of graphset PTEs performance of services. Hereundes by Cardinal within 30 days after completion of the applicable for successors arising out of graphset PTEs performance of services. Hereundes by Cardinal within 30 days after completion of the applicable for successors arising out of graphset PTEs performance by clearly as subsidiaries.  **Received By:**  **Verbal Results**  **Verbal By:**  **Verbal Results**  *
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Sample I.D.  Fax #:  Fa	Sample I.D.  Fax #:  Fax	ENOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount peld by the client for the shall be immited to the amount peld by the client for the shall be immited to the amount peld by the client for the shall be immited to the amount peld by the client of the splicable in no event shall cardinal to incidental or consequential damages, including without limitation, business interruptions, loss of true, or loss of profits incurred by clernt, its subsidiaries, or stated research or otherwises or otherwises or otherwises or otherwises or otherwises or otherwises or otherwises.  Received By:
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Sample I.D.  Sample I.D.  Sample I.D.  Sample I.D.  Sample I.D.  Sample I.D.  City:  Fax #:  A	Sample I.D.  Sample I.D.  Sample I.D.  ORALLUS SAMPLING  PRESERV.	
NOW RANK ALLADA  Sample I.D.  Sample Condition  Observed Temp. *C. D.  Sample Condition  Observed T	Section Name: NUM PANH, NM  Phone #: Phone #: Phone #: Phone #: SAMPLING  Bett Location: LOUNL, NM  Phone #: Phone #: Phone #: SAMPLING  Bett Location: LOUNL, NM  Phone #: Phone #: Phone #: Phone #: SAMPLING  Bett Location: LOUNL, NM  A Fax 18 COLD - REV. 4.3  C	



June 07, 2022

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO RANA SALADA

Enclosed are the results of analyses for samples received by the laboratory on 06/07/22 10:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

 Received:
 06/07/2022
 Sampling Date:
 06/07/2022

 Reported:
 06/07/2022
 Sampling Type:
 Soil

Reported: 06/07/2022 Sampling Type: Soil
Project Name: NOVO RANA SALADA Sampling Condition: Cool & Intact

Project Number: NVONM 2102 Sample Received By: Shalyn Rodriguez

Project Location: NOVO OIL & GAS - LOVING NM

Sample ID: AREA 1 - SIDEWALL - EAST 1B ( 0-3') (H222404-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result 320 Chloride 16.0 06/07/2022 ND 416 104 400 3.77

Sample ID: AREA 7/8 - SIDEWALL - EAST- 1B ( 0-4') (H222404-02)

Chloride, SM4500Cl-B mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 400 16.0 06/07/2022 ND 416 104 400 3.77

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



01 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

State: T. Zip: 784 k² Attn: Nov. Address: AWW Attn: Nov. Address: AWW	Project Manager: ARYM HANEY  Project Manager: ARYM HANEY  Project Manager: ARYM HANEY  Project Manager: ARYM HANEY
---	--



October 26, 2022

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO RANA SALADA

Enclosed are the results of analyses for samples received by the laboratory on 10/25/22 14:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

ALTAMIRA - US BRYAN HANEY 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 10/25/2022 Reported: 10/26/2022

NOVO RANA SALADA NOVO RANA SALADA

Project Location: NOVO OIL & GAS - LOVING NM

Sampling Date: 10/25/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

### Sample ID: BACKFILL - 1 (H225014-01)

Project Name:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2022	ND	2.27	113	2.00	4.69	
Toluene*	<0.050	0.050	10/26/2022	ND	2.12	106	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/26/2022	ND	2.07	103	2.00	2.76	
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.16	103	6.00	2.86	
Total BTEX	<0.300	0.300	10/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	226	113	200	4.68	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	195	97.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118	% 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



### Analytical Results For:

ALTAMIRA - US **BRYAN HANEY** 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Fax To:

Received: 10/25/2022 Sampling Date: 10/25/2022

Reported: 10/26/2022 Sampling Type: Soil

Project Name: **NOVO RANA SALADA** Sampling Condition: Cool & Intact Tamara Oldaker Project Number: NOVO RANA SALADA Sample Received By:

Project Location: NOVO OIL & GAS - LOVING NM

### Sample ID: BACKFILL - 2 (H225014-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2022	ND	2.27	113	2.00	4.69	
Toluene*	<0.050	0.050	10/26/2022	ND	2.12	106	2.00	3.50	
Ethylbenzene*	< 0.050	0.050	10/26/2022	ND	2.07	103	2.00	2.76	
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.16	103	6.00	2.86	
Total BTEX	<0.300	0.300	10/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/26/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2022	ND	212	106	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/26/2022	ND	215	107	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/26/2022	ND					
Surrogate: 1-Chlorooctane	116 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	135 9	6 46.3-17	8						

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Celey D. Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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(575) 393-2326 FAX (313) 333 233 233 BILL TO				4/10
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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

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 183723

### **CONDITIONS**

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
1001 West Wilshire Blvd	Action Number:
Oklahoma City, OK 73116	183723
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2107849827 PAD A TO SAN MATEO TEMPORARY TREATED WATER LINE, thank you. This closure is approved.	6/12/2023