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	nAPP2209041864
District RP	
Facility ID	
Application ID	694798

Release Notification

			Resp	onsi	ble Party	y
Responsible l	Party: Novo	Oil & Gas North	nern Delaware, I	LLC	OGRID: 3	372920
Contact Name	e: Kurt A. S	Shipley			Contact Te	elephone: 405-286-3916
Contact emai	1: kshipley	@novoog.com			Incident #	(assigned by OCD): nAPP2209041864
Contact maili Oklahoma C		1001 West Wils 116	hire Blvd., Suite	206	1	
			Location	of R	delease So	ource
Latitude 32.3	405953		Longitude (NAD 83 in dec	cimal de	-104.04558 grees to 5 decim	
Site Name: H	ades North	Loop			Site Type:	Produced Water Line (production)
Date Release	Discovered:	03/28/2022			API# (if app	licable)
Unit Letter Section Township Range			Coun	nty		
D	11	T23S	T23S R28E Eddy		/	
Surface Owner: State Federal Tribal Private (Name:)						
			Nature and	d Vol	lume of F	Release
	Material			calculat	ions or specific	justification for the volumes provided below)
Crude Oil		Volume Released (bbls)				Volume Recovered (bbls)
☐ Produced Water Volume Released (bbls): 730					Volume Recovered (bbls): 300	
Is the concentration of dissolved chloric produced water >10,000 mg/1?			le in the	⊠ Yes □ No		
Condensat	Condensate Volume Released (bbls)					Volume Recovered (bbls)
Natural G	as	Volume Releas	ed (Mcf)			Volume Recovered (Mcf)
Other	Other Volume/Weight Released (provide uni			de unit	s)	Volume/Weight Recovered (provide units)

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Cause of Release

The leak occurred because of a rupture in the body of the poly pipe (not at a fused connection). The cause of the rupture is unknown at this time. We could not find the root cause with our field inspections. We sent the section of pipe with the rupture to be inspected by the distributor and the manufacturer of the pipe.

Release Volume Calculation:

Water rate on the receiving end of the Hades North Loop was 18,000 bbls of produced water per day. This was recorded on the San Mateo SCADA water meter. During the time that the pipe was leaking, the receiving end SCADA meter was receiving a rate 11,000 bbls of produced water per day. The difference was 18,000 bbls minus 11,000 bbls, equal to 7,000 bbls of produced water per day.

This is our estimated rate for the amount of water lost from the pipeline during the failure while the pipeline was in operation. The SCADA data shows the meter receiving the reduced rate from 4:00am to 6:30am (2.5 hours).

This calculates to 7,000 bbls per day / 24 hours = 292 bbls x 2.5 hours = 730 bbls

Was this a major release	If YES, for what reason(s) does the responsible party consider this a major release?
as defined by	
19.15.29.7(A) NMAC?	Calculated volume of the release was 730 bbl of produced water, which is greater than the 25 bbl threshold defining a major release.
⊠ Yes □ No	

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Immediate notification was provided by Kurt Shipley on March 28, 2022 at 4:47pm by phone. Notification was made to the NMOCD – Artesia Office (575.703.3842). A recorded message was provided on the hotline voicemail (Laura Polk). Bryan Haney with Altamira-US (on behalf of Novo Oil & Gas Northern Delaware, LLC.) submitted notification of a release (NOR) on the online OCD system on March 31, 2022. Approved by OCD (Jocelyn Harimon) on April 5, 2022.

Initial Response

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

☐ The source of the release has been stopped.
☐ The impacted area has been secured to protect human health and the environment.
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
All initial response actions above have been completed.
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.

Released to Imaging: 12/7/2022 3:41:22 PM

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Application ID

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

Printed Name: Kurt A. Shipley Title: Chief Operating Officer

Signature: Date: March 31, 2022

email: _kshipley@novoog.com Telephone: 405-286-3916

OCD Only

Received by: Date:

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>51(ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No	
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No	
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil	
Characterization Report Checklist: Each of the following items must be included in the report.		
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 		

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plan. That plan must include the estimated volume of material and methods, anticipated timelines for beginning and completin	orts at remediation of the release, the report must include a proposed remediatio to be remediated, the proposed remediation technique, proposed sampling plang the remediation. The closure criteria for a release are contained in Table 1 or
19.15.29.12 NMAC, however, use of the table is modified by si	
regulations all operators are required to report and/or file certain relepublic health or the environment. The acceptance of a C-141 report failed to adequately investigate and remediate contamination that po	ease notifications and perform corrective actions for releases which may endanger to by the OCD does not relieve the operator of liability should their operations have ose a threat to groundwater, surface water, human health or the environment. In erator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Kurt A. Shipley	Title: Chief Operating Officer
Signature:	Date: <u>July 22, 2022</u>
email: kshipley@novoog.com	Telephone: 405-286-3916
OCD Only	
Received by:	Date:

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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.
 Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
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: Date: July 22, 2022
email: kshipley@novoog.com Telephone: 405-286-3916
OCD Only
Received by: Date:
Approved Deferral Approved Deferral Approved
Signature: Date:

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_>51(ft bgs)						
Did this release impact groundwater or surface water?							
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?							
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?							
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?							
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?							
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?							
Are the lateral extents of the release within 300 feet of a wetland?							
Are the lateral extents of the release overlying a subsurface mine?							
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No						
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No						
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ No						
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil						
Characterization Report Checklist: Each of the following items must be included in the report.							
 Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody 							

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plan. That plan must include the estimated volume of r	eted efforts at remediation of the release, the report must include a proposed remediation material to be remediated, the proposed remediation technique, proposed sampling play proposed the remediation. The closure criteria for a release are contained in Table 1 of the ded by site- and release-specific parameters.
I hereby certify that the information given above is true and regulations all operators are required to report and/or file of public health or the environment. The acceptance of a C-14 failed to adequately investigate and remediate contamination	d complete to the best of my knowledge and understand that pursuant to OCD rules and ertain release notifications and perform corrective actions for releases which may endanger 41 report by the OCD does not relieve the operator of liability should their operations have on that pose a threat to groundwater, surface water, human health or the environment. In we the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Kurt A. Shipley	Title: Chief Operating Officer
Signature:	Date: <u>July 22, 2022</u>
email: kshipley@novoog.com	Telephone: 405-286-3916
OCD Only	

Date: 12/7/2022

Received by: Robert Hamlet

Assessment Report
Produced Water Line Release
Incident ID No. nAPP2209041864
Hades North Loop
Discovery Date: March 28, 2022
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

July 26, 2022



Hades North Loop – Produced Water Line Release – Assessment Report Novo Oil & Gas, Eddy County, New Mexico

Discovery Date: March 28, 2022

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ACRONYMS AND ABBREVIATIONS

Altamira Altamira-US, LLC

Novo Oil & Gas Northern Delaware, LLC

bgs below ground surface

bbl barrels

mg/kg milligram per kilogram

NMOCD New Mexico Oil Conservation District

TPH Total Petroleum Hydrocarbons

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

Hades North Loop – Produced Water Line Release – Assessment Report Novo Oil & Gas, Eddy County, New Mexico Discovery Date: March 28, 2022

1.0 INTRODUCTION

Novo Oil & Gas Northern Delaware, LLC (Novo Oil & Gas) (OGRID No. 372920) operates a facility known as the "Hades North Loop" located in Field Name Purple Sage – Wolfcamp, T23S, R28E, Section 1, in Eddy County, New Mexico. On March 28, 2022, field personnel for Novo Oil & Gas discovered a release of produced water from a subsurface permanent produced water line. The produced water line and point of release is located in an open area near the produced water pipeline intersection near the site location. The release area is located approximately 1.6 miles northwest of the intersection of Highway 605 and Highway 31, latitude 32.3405953, longitude W-104.0455863 (Figure 1 and Figure 2). This Assessment Report has been prepared to document initial response actions and soil assessment efforts.

1.1 Release Details and Initial Response

On March 28, 2022, at approximately 6:30 am a release of produced water occurred as a result of a rupture on the permanent sub-grade produced water pipeline. Approximately 730 barrels of produced water was released into the area topographically down gradient of the point of rupture between two pipeline areas (bermed areas). The release occurred from an undetermined puncture or opening on the black polyethylene pipe that was located below grade. The release area is depicted on **(Figure 3)**.

The release of produced water was identified by Novo Oil & Gas personnel and steps were taken to mitigate further release and contain and remove pooled areas of produced water. Novo Oil & Gas estimated approximately 730 barrels of produced water was released and approximately 300 barrels of produced water was recovered using vacuum trucks. The justification for the quantity release is based on the following:

- Water rate on the receiving end of Hades North Loop was 18,000 barrels of produced water per day.
- During the time of the rupture, the SCADA system was recording a rate of 11,0000 barrels per day.
- The difference of flow rate was approximately 7,000 barrels per day over a 2.5 hour time period (4:00 am 6:30am).
- Total volume released is approximately 7,000 barrels per day/ 24 hours = 292 barrels x
 2.5 hours = 730 barrels of produced water.

The area of the release occurred generally between the two raised pipeline segments located on each side of the area within the easement.

1.2 Notification

Based on the quantity of produced water released being greater than 25 barrels, the release was determined to be a Major release per 19.15.29.7.A NMAC. Immediate notification was provided by Kurt Shipley to the NMOCD and BLM hotlines on March 28, 2022. The initial online release notification C-141 was submitted to the New Mexico Oil Conservation District (NMOCD) on March 31, 2022. The OCD issued incident ID# nAPP2209041864 and approval dated April 5, 2022. Written notification of the release (BLM Major Undesirable Event Report) was also provided to

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the BLM. Copies of the C-141 Release Notification form and BLM Major Undesirable Event Report are provided in **Appendix A**.

1.3 Project Objectives

The project objectives were to: 1) conduct initial release cleanup efforts and 2) conduct soil assessment activities to evaluate general degree of impact to soil and provide overall delineation laterally and vertically.

1.4 Regulatory Framework

The Site is subject to environmental regulatory oversight by the NMOCD and regulations set forth in Title 19, Chapter 15, Part 29. Notification and assessment activities were conducted in accordance with guidelines outlined in 19.15.29 NMAC.

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.

3.0 RECEPTOR AND WATER SOURCES SURVEY

3.1 Wellhead Protection Discussion

During assessment field activities, Altamira field personnel conducted a 0.5-mile radius search of the surrounding area to determine the presence of any known private or domestic water sources. During the search, no water wells or springs were identified within 0.5 miles of the release area. Altamira also reviewed available maps, satellite imagery, and reviewed the New Mexico Office of the State Engineers GIS database to search for known water wells. In review of the State

Hades North Loop – Produced Water Line Release – Assessment Report Novo Oil & Gas, Eddy County, New Mexico

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Engineers GIS database, no water wells, monitoring wells or other subsurface water conveyances were identified within 0.5 miles of the release area.

Based on review of the FEMA Flood Map for the site area, the release area is located in Zone X "Area of Minimal Flood Hazard" (FIRM Panel 35015C1350D).

3.2 Significant Water Source Discussion

Altamira conducted a review of the significant watercourses nearest the release area. The Pecos River is located approximately 1.1 miles southwest of the Site. The release did not result in any adverse effects to the Pecos River. Salt Lake is located approximately 2.6 miles southeast of the Site area. No other watercourses were identified within a 0.5-mile radius of the release area.

4.0 Initial Remediation Activities

Following the release and notification to the OCD and BLM, Novo initiated remedial cleanup activities during April 2022. This included soil excavation and removal of affected soil areas based on visual wet areas and chloride residual identified on the soil surface. Approximately 1,040 cubic yards of soil was excavated, removed, and disposed of at the R360 facility near Hobbs New Mexico. Soil disposal information is provided on manifests located in **Appendix G**. soil samples were collected along the release flow path (S-1 through S-8) **Table 1 and Figure 3**. Analytical data provided guidance for additional assessment and remediation efforts.

5.0 SOIL ASSESSMENT ACTIVITIES

Atlamira on behalf of Novo Oil & Gas conducted soil assessment activities April 25-27, 2022, in the area of the produced water release to determine the degree of impact to soil. A total of 25 soil borings were installed to attempt to delineate the vertical and lateral extent of potential constituents of concern. Twenty-five soil borings (SB-1 – SB-25) were installed within the flow path of the produced water release and on the approximate lateral boundaries of the produced water release area.

5.1 Boring Installation and Soil Sample Methodology – April 2022

Prior to site assessment activities, Novo Oil & Gas prepared and submitted the WR-07 Application for Permit to Drill Well w/No Water Right and the WD-08 Well Plugging Plan of Operations (Appendix B) through the New Mexico Office of the State Engineers Office for the installation of soil boring SB-11. A state line/utility locate (811) was conducted to notify utility companies to properly mark utilities in the radius of the work area. Altamira and Novo Oil & Gas also provided 48-hour notification to the NMOCD and BLM via email (Appendix A).

Soil borings SB-1 and SB-25 were installed by Envirotech Drilling Company using a combination of direct push, flight auger, and air rotary drill methods. Soil samples were collected using a combination of direct push or air rotary (stainless-steel split spoon sampling device and cuttings) (dependent on lithology). Soil boring SB-11 was advanced to a total depth of 51-feet below ground surface for the purpose of lateral delineation and determination of depth of groundwater.

Hades North Loop – Produced Water Line Release – Assessment Report Novo Oil & Gas, Eddy County, New Mexico Discovery Date: March 28, 2022

Soil samples were collected continuously from the surface to the total depth of each soil boring. Representative soil/rock from each one to two-foot interval was placed into a plastic bag, allowed to equilibrate and field screened with a photo-ionization detector (PID) for the presence of organic vapors. Soil samples were lithologically described and observations noted on soil boring logs (Appendix D). Soil samples were collected and submitted for laboratory analysis generally from the surface to the total depth of each soil boring in one to two-foot sample intervals. Soil samples were placed in laboratory provided containers, labeled, and maintained/preserved on ice in an insulated cooler with chain-of-custody documentation.

The soil sample analysis was initially conducted on the first two shallow depth sample intervals. If a constituent of concern exceeded the Assessment/Closure Criteria set forth 19.15.29 NMAC then the constituent in the next deeper sample interval was also analyzed until vertical delineation was achieved. Soil samples were submitted to Cardinal Laboratory in Hobbs, New Mexico for analysis. Soil samples were collected and submitted for analysis for the following:

- Chlorides EPA 4500-Cl-B
- TPH (GRO, DRO, MRO) EPA SW-846 Method 8015B
- BTEX EPA SW-846 Method 8260B

The initial soil sample interval 0-1 foot was analyzed for chlorides, TPH, and BTEX. If a constituent exceeded the allowable assessment/cleanup level, that constituent was analyzed in the next deeper sample interval.

Following installation of soil borings, Envirotech Drilling Company plugged each borehole (except SB-11) using bentonite chips (hydrated) and capped with concrete to the surface.

Soil boring SB-11 was plugged per the specifications provided in the Well Plugging Plan and approved by the State of New Mexico Office of the State Engineer. Soil boring SB-11 was plugged using a Type I/II cement-bentonite slurry per the specifications and tremied from the bottom of the borehole to the surface. A well log and plugging record for soil boring SB-11 was provided to the State of New Mexico Office of the State Engineer. The plugging report and documentation for soil boring SB-11 is provided in **Appendix F**.

5.2 Determination of Depth to Groundwater

Soil boring SB-11 was installed north of the point of release and was advanced to a depth of 51-feet below ground surface. The purpose of advancing soil boring SB-11 to 51-feet was to determine if groundwater was present below 51-feet. During boring advancement, variations of dry unconsolidated soil and rock were observed (refer to **Appendix D** – Boring Record SB-11). During advancement of soil boring SB-11, groundwater (saturation) was not encountered. The borehole was advanced to 51 feet below ground surface and allowed to stay open for a period of time. The non-presence of groundwater was verified with an electronic water level probe.

Based on the lines of evidence provided above, groundwater is not present from the surface to 51-feet below ground surface in the area of the release. Based on this site specific groundwater data, analytical data results will be compared to Closure Criteria for groundwater encountered at depths greater than 51 feet below ground surface.

Hades North Loop – Produced Water Line Release – Assessment Report Novo Oil & Gas, Eddy County, New Mexico Discovery Date: March 28, 2022

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.

The most stringent closure criteria action levels were utilized to evaluate analytical results for site soil assessment. Analytical results are provided on **Table 2** and Laboratory Analytical Data Report are provided in **Appendix H**.

6.1 Chloride Results

Analytical results for chlorides within the release area ranged from 16 mg/kg to 11,500 mg/kg (Table 2). Chloride concentrations exceeded 600 mg/kg in soil samples at soil borings SB-1 through SB-9 (in center of general flow path of produced water release), SB-20 through SB-23 (located within two areas located outside of the current easement), and in lateral delineation soil borings SB-13 and SB-18. The approximate lateral extent of the chloride impacted soil is depicted on **Figure 4**. It appears that the produced water followed general topography within the release area. It should also be noted that general lithology consisted of a mix of silt-sand and rock, which may have also aided in the infiltration of produced water to deeper soil intervals. Chloride impacts appeared the deepest at soil borings along the flow path of the release and SB-13. Most chloride concentrations above 600 mg/kg occur within the upper four feet of soil. Vertical delineation has been achieved (to below 600 mg/kg) for chlorides at each soil boring location.

Soil borings were installed radially outward from the known release area. Soil sample data for chlorides for these soil borings generally show lateral delineation and lack of impacts in the shallower soil profile. **Figure 4** depicts the delineation results for chlorides in soil. There is some lack of lateral delineation east of SB-13 and SB-18; southeast of SB-20, and west and northwest of SB-22 and SB-23.

6.2 TPH Results

TPH was analyzed on the initial shallowest soil sample from each soil boring. TPH was fractionated into the GRO/DRO/MRO ranges. For the purpose of assessment and in accordance with regulatory guidance, TPH concentrations were compared to an assessment level of 100 mg/kg. Analytical data results show total TPH detectable concentrations present in only soil sample SB-8 (0-1') at a concentration of 47 mg/kg. Analytical results for TPH in all other soil samples demonstrated non-detected concentrations below the laboratory reporting limit. Since TPH concentrations were below the applicable assessment level in all soil samples, analysis of TPH on deeper soil samples was not necessary. No further assessment of TPH should be necessary.

6.3 BTEX Results

BTEX was analyzed on the initial shallowest soil sample from each soil boring. For the purpose of assessment and in accordance with regulatory guidance, benzene and total BTEX concentrations were compared to an assessment level of 10 mg/kg and 50 mg/kg, respectively. Benzene was not detected above the laboratory reporting limit in any of the soil samples submitted for laboratory analysis. Analytical results show very low concentrations of total TEX were detected in seven soil samples/soil borings at the 0-1' depth interval. All TEX concentrations were

Hades North Loop – Produced Water Line Release – Assessment Report Novo Oil & Gas, Eddy County, New Mexico

Discovery Date: March 28, 2022

significantly below the 10 mg/kg assessment level. Total BTEX was not detected in any of the other soil samples submitted for laboratory analysis. Since benzene and total BTEX concentrations were below the applicable assessment level in all soil samples, analysis of benzene and total BTEX on deeper soil samples was not necessary and screened from further assessment.

7.0 CONCLUSIONS

Assessment activities have been conducted in accordance with NMAC 19.15.29. Novo Oil & Gas reported a produced water release of approximately 7300 barrels based on the justification provided in Section 1.1. Novo was able to recover approximately 300 barrels of the released produced water. The release area was immediately marked using wooden stakes to delineate wet verses dry soils. Novo conducted initial soil remediation efforts in early April 2022 to remove moist soil areas and areas of visual chloride impacts. A total of 25 soil borings have been installed for the vertical and lateral delineation of chlorides, TPH, benzene, and total BTEX. Analytical results do indicate chloride concentrations exceed the 600 mg/kg assessment level in shallow soils within the release area (mainly in the upper four feet). Based on the analytical results for TPH, benzene and total BTEX, no further evaluation of TPH, benzene or total BTEX is necessary and should not be considered a constituent of concern moving forward.

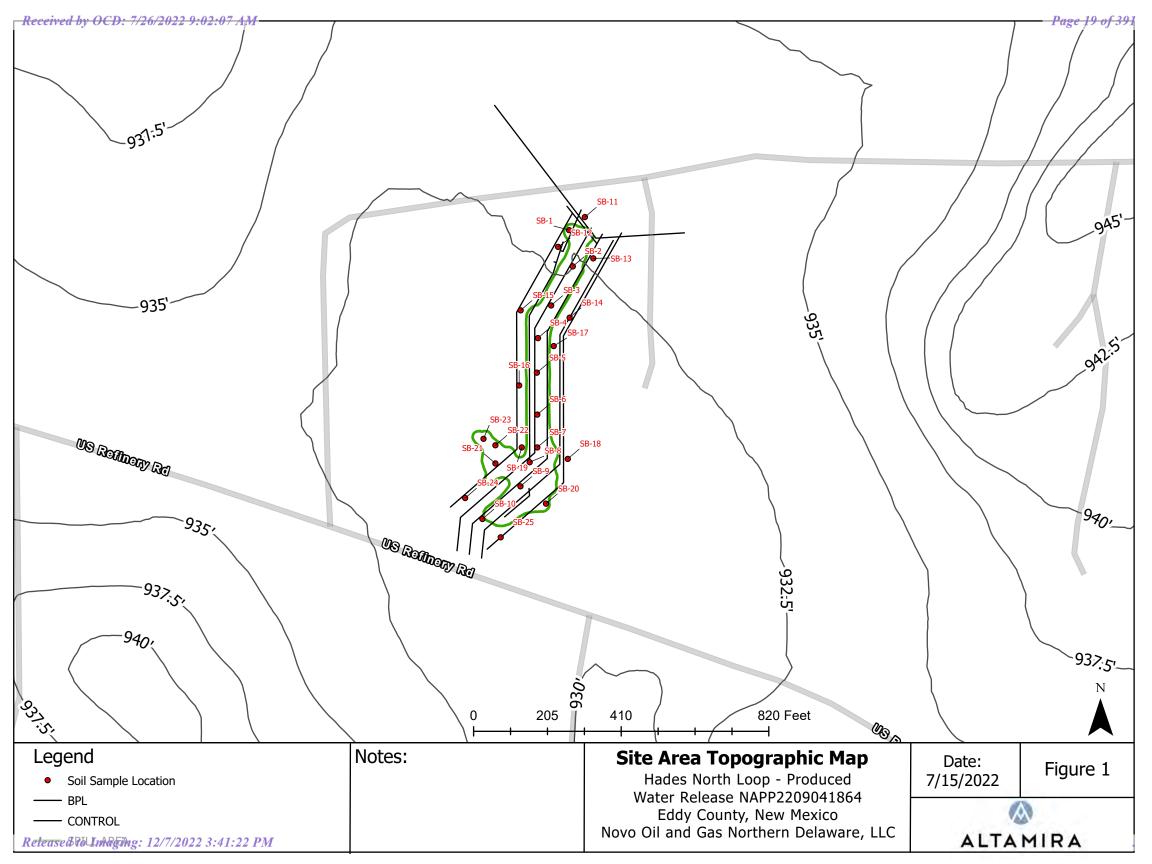
There are several areas where the lateral extent of chlorides from the release area are not well defined based on soil boring/sample data (lack of lateral delineation east of SB-13 and SB-18; southeast of SB-20, and west and northwest of SB-22 and SB-23). Novo will complete additional lateral delineation during the remediation process. These areas will be over-excavated laterally and confirmation soil samples will be collected for laboratory analysis until lateral delineation is complete.

Novo is working with Patriot Environmental Services on cost and planning for remediation. The remediation plan will be submitted to the OCD and BLM following final planning with contractors.

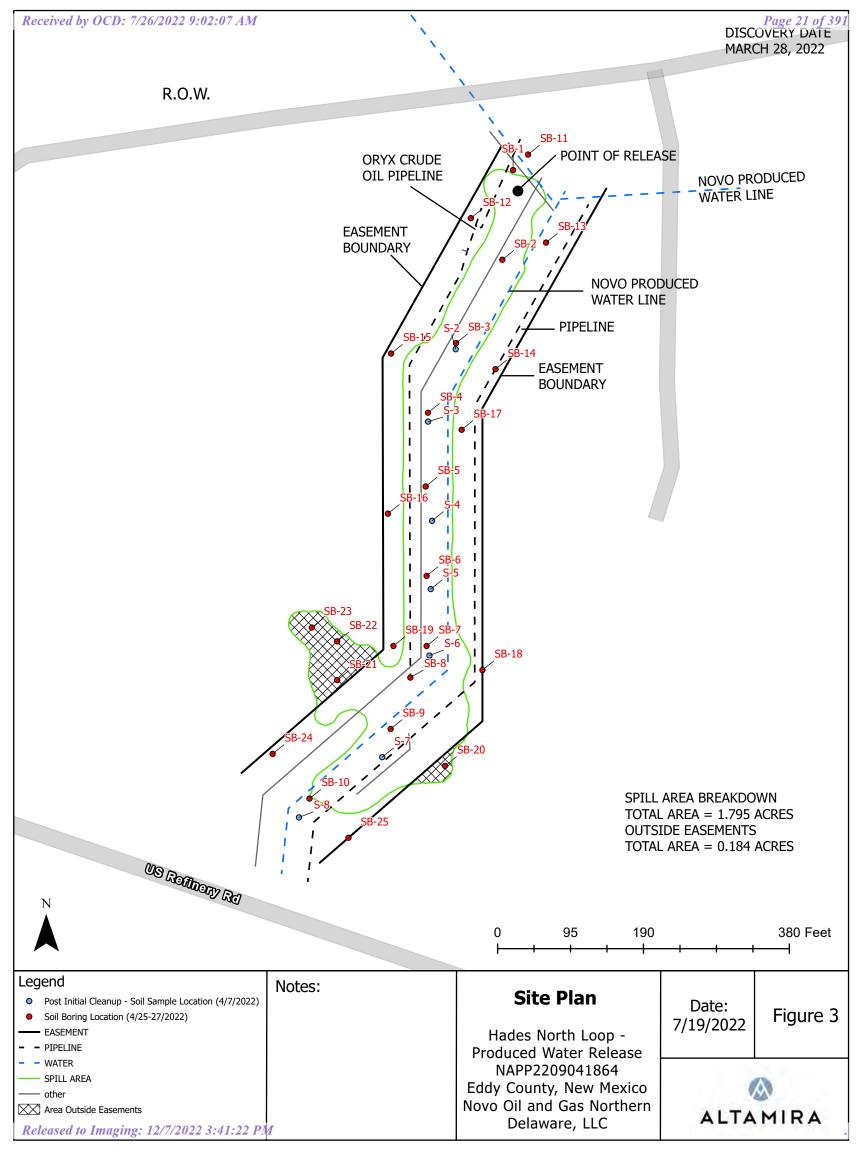
This assessment report and forthcoming remediation plan will also be submitted to the BLM for their review and comment.



FIGURES







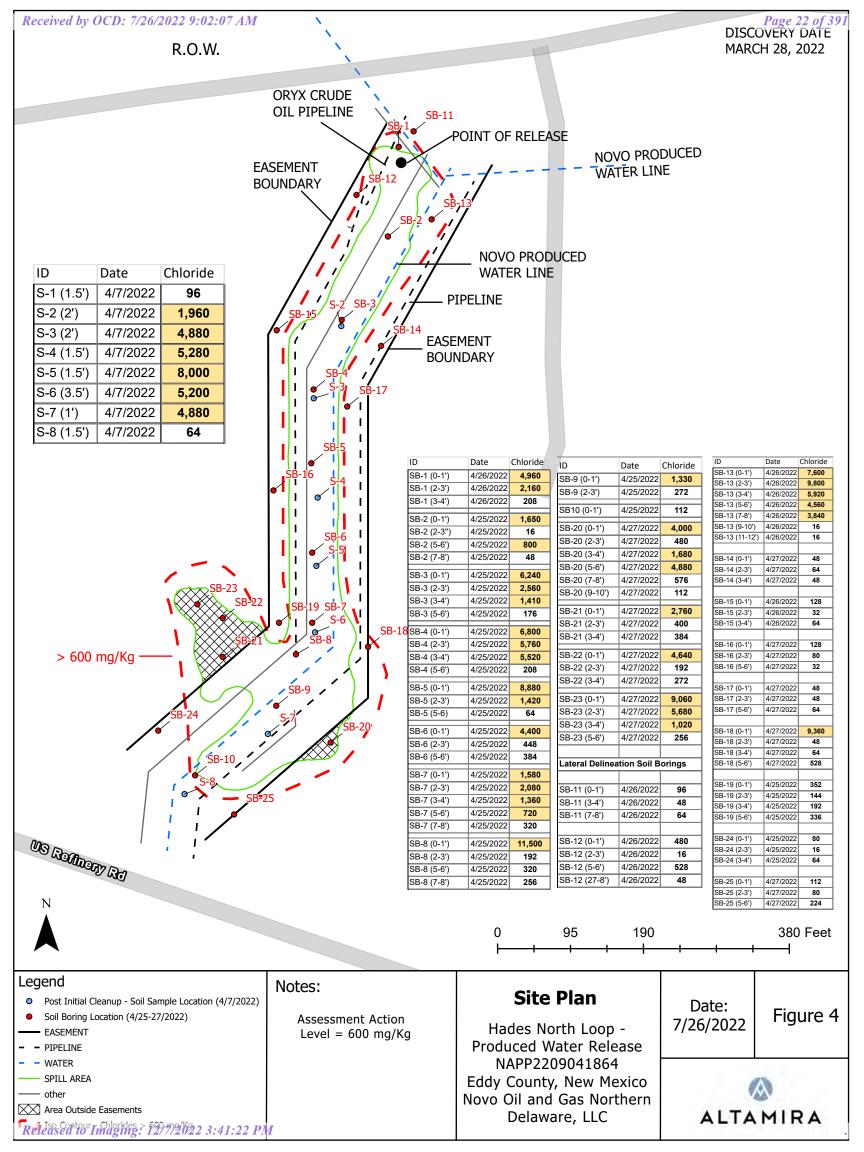




TABLE 1

Analytical Data Results Summary - Post Initial Cleanup - Soil Samples (mg/kg)

Table 1

Analytical Data Results Summary - Post Initial Cleanup Effort - Soil Samples (mg/kg)
Novo Oil Gas - Hades North Loop Produced Water Release
(Discovered March 28, 2022)
Near Loving, New Mexico

Analyte		Chloride	BTEX	Benzene	TPH (C6-C10)	TPH (C10-28)	TPH (C28-36)	Total TPH
Method		4500-CI-B	8260B	8260B	8015B	8015B	8015B	8015B
Table I - Clos	ure Criteria (0-4')	600	50	10	-	-	-	100
Sample ID	Sample Date							
Post Intial Cl	eanup Effort - Surfa	ce Soil Samples						
S-1 (1.5')	4/7/2022	96	<0.15	<0.025	<10	<10	<10	<10
S-2 (2')	4/7/2022	1,960	<0.15	<0.025	<10	<10	<10	<10
S-3 (2')	4/7/2022	4,880	<0.15	<0.025	<10	<10	<10	<10
S-4 (1.5')	4/7/2022	5,280	<0.15	<0.025	<10	<10	<10	<10
S-5 (1.5')	4/7/2022	8,000	<0.15	<0.025	<10	<10	<10	<10
S-6 (3.5')	4/7/2022	5,200	<0.15	<0.025	<10	<10	<10	<10
S-7 (1')	4/7/2022	4,880	<0.15	<0.025	<10	<10	<10	<10
S-8 (1.5')	4/7/2022	64	<0.15	<0.025	<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

- - indicates constituent was not analyzed
- < number is the SDL (not detected above the sample detection limit)

Bold indicates that a COC was detected

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



TABLE 2

Analytical Data Results Summary - Soil Assessment Samples (mg/kg)

Table 2 Analytical Data Results Summary - Soil Assessment Samples (mg/kg) Novo Oil Gas - Hades North Loop Produced Water Release (Discovered March 28, 2022) Near Loving, New Mexico

Analyte		Chloride	BTEX	Benzene	TPH (C6-C10)		TPH (C28-36)	Total TPH
Method	O-iti- (O 41)	4500-CI-B	8260B	8260B	8015B	8015B	8015B	8015B
Table I - Clos	ure Criteria (0-4')	600	50	10	-	-	-	100
Sample ID	Sample Date							
Source Area	Soil Borings							
SB-1 (0-1')	4/26/2022	4,960	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-1 (2-3')	4/26/2022	2,160	-	-	-	-	-	-
SB-1 (3-4')	4/26/2022	208	-	-	-	-	-	-
SB-2 (0-1')	4/25/2022	1,650	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-2 (2-3")	4/25/2022	16	-	-	-	-	-	-
SB-2 (5-6')	4/25/2022	800	-	-	-	-	-	-
SB-2 (7-8')	4/25/2022	48	-	-	-	-	-	-
SB-3 (0-1')	4/25/2022	6,240	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-3 (2-3')	4/25/2022	2,560	-	-0.020	-	-	-	-
SB-3 (3-4')	4/25/2022	1,410	-	-	-	-	-	
SB-3 (5-6')	4/25/2022	176	-	-	-	-	-	-
SB-4 (0-1')	4/25/2022	6,800	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-4 (2-3')	4/25/2022	5,760	-	-	-	-	-	-
SB-4 (3-4')	4/25/2022	5,520	-	_	_	-	_	
SB-4 (5-6')	4/25/2022	208	_	-	-	-	-	
OB-4 (0-0)	4/20/2022	200	-	_	_	-	-	
SB-5 (0-1')	4/25/2022	8,880	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-5 (2-3')	4/25/2022	1,420		-	-	-	-	-
SB-5 (5-6)	4/25/2022	64	-	-	-	-	-	-
SB-6 (0-1')	4/25/2022	4,400	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-6 (2-3')	4/25/2022	448	-	-	-	-	-	-
SB-6 (5-6')	4/25/2022	384	-	-	-	-	-	-
SB-7 (0-1')	4/25/2022	1,580	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-7 (2-3')	4/25/2022	2,080	-	-	-	-	-	-
SB-7 (3-4')	4/25/2022	1,360	-	-	-	-	-	-
SB-7 (5-6')	4/25/2022	720	-	-	-	-	-	-
SB-7 (7-8')	4/25/2022	320	-	-	-	-	-	-
SB-8 (0-1')	4/25/2022	11,500	0.078	<0.025	10.5	36.5	<10.0	47
SB-8 (2-3')	4/25/2022	192	-	-	-	-	-	-
SB-8 (5-6')	4/25/2022	320	-	-	_	-	-	
SB-8 (7-8')	4/25/2022	256	-	-	-	-	-	-
SB-9 (0-1')	4/25/2022	1,330	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-9 (2-3')	4/25/2022	272	-	-	-	-	-	-
(L-0)	1,20/2022	2.2	_	_	_	-	-	

Table 2 Analytical Data Results Summary - Soil Assessment Samples (mg/kg) Novo Oil Gas - Hades North Loop Produced Water Release (Discovered March 28, 2022) Near Loving, New Mexico

Analyte Method		Chloride 4500-CI-B	BTEX 8260B	Benzene 8260B	TPH (C6-C10) 8015B	TPH (C10-28) 8015B	TPH (C28-36) 8015B	Total TPH 8015B
Table I - Closur	e Criteria (0-4')	600	50	10	-	-	-	100
SB10 (0-1')	4/25/2022	112	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-20 (0-1')	4/27/2022	4,000	0.147	<0.025	<10.0	<10.0	<10.0	<10.0
SB-20 (2-3')	4/27/2022	480	-	-	-	-	-	-
SB-20 (3-4')	4/27/2022	1,680	-	-	-	-	-	-
SB-20 (5-6')	4/27/2022	4,880	-	-	-	-	-	-
SB-20 (7-8')	4/27/2022	576	-	-	-	-	-	-
SB-20 (9-10')	4/27/2022	112	-	-	-	-	-	-
SB-21 (0-1')	4/27/2022	2,760	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-21 (2-3')	4/27/2022	400	-	-	-	-	-	-
SB-21 (3-4')	4/27/2022	384	-	-	-	-	-	-
SB-22 (0-1')	4/27/2022	4,640	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-22 (2-3')	4/27/2022	192	-	-	-	-	-	-
SB-22 (3-4')	4/27/2022	272	-	-	-	-	-	-
SB-23 (0-1')	4/27/2022	9,060	0.212	<0.025	<10.0	<10.0	<10.0	<10.0
SB-23 (2-3')	4/27/2022	5,680	-	_	-	-	-	-
SB-23 (3-4')	4/27/2022	1,020	-	-	-	-	-	-
SB-23 (5-6')	4/27/2022	256	-	-	-	-	-	-
Lateral Delinea	tion Soil Borings							
SB-11 (0-1')	4/26/2022	96	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-11 (3-4')	4/26/2022	48	-	-	-	-	-	-
SB-11 (7-8')	4/26/2022	64	-	-	-	-	-	-
SB-12 (0-1')	4/26/2022	480	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-12 (2-3')	4/26/2022	16	-	_	_	-	-	_
SB-12 (5-6')	4/26/2022	528	-	-	-	-	-	-
SB-12 (27-8')	4/26/2022	48	-	-	_	-	-	_
. ,								
SB-13 (0-1')	4/26/2022	7,600	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-13 (2-3')	4/26/2022	9,800	-	-	-	-	-	-
SB-13 (3-4')	4/26/2022	5,920	-	-	-	-	-	-
SB-13 (5-6')	4/26/2022	4,560	-	_	-	-	-	
SB-13 (7-8')	4/26/2022	3,840	-	-	-	-	-	-
SB-13 (9-10')	4/26/2022	16	-	-	-	-	-	-
SB-13 (11-12')	4/26/2022	16	-	-	-	-	-	-
SB-14 (0-1')	4/27/2022	48	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0

Table 2 Analytical Data Results Summary - Soil Assessment Samples (mg/kg) Novo Oil Gas - Hades North Loop Produced Water Release (Discovered March 28, 2022) Near Loving, New Mexico

Analyte Method	0 10 10 (0 41)	Chloride 4500-CI-B	BTEX 8260B	Benzene 8260B	8015B	TPH (C10-28) 8015B	TPH (C28-36) 8015B	Total TPH 8015B
	re Criteria (0-4')	600	50	10	-	-	-	100
SB-14 (2-3')	4/27/2022	64	-	-	-	-	-	-
SB-14 (3-4')	4/27/2022	48	-	-	-	-	-	-
SB-15 (0-1')	4/26/2022	128	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-15 (2-3')	4/26/2022	32	-	-	-	-	-	-
SB-15 (3-4')	4/26/2022	64	-	-	-	-	-	-
SB-16 (0-1')	4/27/2022	128	0.078	<0.025	<10.0	<10.0	<10.0	<10.0
SB-16 (2-3')	4/27/2022	80	-	-	-	-	-	-
SB-16 (5-6')	4/27/2022	32	-	-	-	-	-	-
SB-17 (0-1')	4/27/2022	48	0.219	<0.025	<10.0	<10.0	<10.0	<10.0
SB-17 (2-3')	4/27/2022	48	-	-	-	-	-	-
SB-17 (5-6')	4/27/2022	64	-	-	-	-	-	-
SB-18 (0-1')	4/27/2022	9,360	0.088	<0.025	<10.0	<10.0	<10.0	<10.0
SB-18 (2-3')	4/27/2022	48	-	-	-	-	-	-
SB-18 (3-4')	4/27/2022	64	-	-	-	-	-	-
SB-18 (5-6')	4/27/2022	528	-	-	-	-	-	-
SB-19 (0-1')	4/25/2022	352	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-19 (2-3')	4/25/2022	144	-	-	-	-	-	-
SB-19 (3-4')	4/25/2022	192	-	-	-	-	-	-
SB-19 (5-6')	4/25/2022	336	-	-	-	-	-	-
SB-24 (0-1')	4/25/2022	80	<0.150	<0.025	<10.0	<10.0	<10.0	<10.0
SB-24 (2-3')	4/25/2022	16	-	-	-	-	-	-
SB-24 (3-4')	4/25/2022	64	-	-	-	-	-	-
SB-25 (0-1')	4/27/2022	112	0.05	<0.025	<10.0	<10.0	<10.0	<10.0
SB-25 (2-3')	4/27/2022	80	-	-	-	-	-	-
SB-25 (5-6')	4/27/2022	224	-	-	-	-	-	-

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

Bold indicates that a COC was detected

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

^{- -} indicates constituent was not analyzed

< number is the SDL (not detected above the sample detection limit)



APPENDIX A Notification and Agency Correspondence <u>District I</u> 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 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	nAPP2209041864
District RP	
Facility ID	
Application ID	94798

Release Notification

			Resp	onsi	bie Party	Y		
Responsible	Party: Nove	o Oil & Gas Nortl	nern Delaware, I	LC	OGRID 3	372920		
Contact Nam	e: Kurt A.	Shipley			Contact Te	elephone: 405-2	286-3916	
Contact emai	il: kshipley	@novoog.com			Incident #	(assigned by OCD):	nAPP2209041864	
Contact mail Oklahoma (1001 West Wils 116	hire Blvd., Suite	206				
			Location	of R	delease So	ource		
Latitude 32.3	Latitude 32.3405953 Longitude -104.0455863 (NAD 83 in decimal degrees to 5 decimal places)							
Site Name: F	lades North	n Loop			Site Type:	Produced Wat	er Line (production)	
Date Release	Discovered:	03/28/2022 at 6	6:30 am		API# (if app	licable)		
				1		. 1		
Unit Letter	Section 1	Township T23S	Range R28E	Eddy	Coun	ty		
	'	1200	TAZOL .	Luu	,			
Surface Owner	r: State	∑ Federal	ibal Private (/	Vame:)	
			Nature and	l Vol	lume of I	Release		
				calculat	ions or specific		volumes provided below)	
Crude Oil		Volume Release	d (bbls)			Volume Recov	vered (bbls)	
Produced	Water	Volume Release	d (bbls): 730			Volume Recov	vered (bbls): 300	
		Is the concentrate produced water	ion of dissolved c >10,000 mg/l?	hloride	e in the	in the Yes No		
Condensa	ite	Volume Release	d (bbls)			Volume Recov	vered (bbls)	
Natural G	as	Volume Release	d (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units			e units))	Volume/Weigh	ht Recovered (provide units)		
Cause of Rele	ease	I.						
	of the	rupture is unknov	wn at this time.	We co	ould not find	the root cause	at at a fused connection). The cause with our field inspections. We sent d the manufacturer of the pipe.	

Volume Calculation is included on ATTACHMENT on page 3.

Page 31 of 391

Incident ID	nAPP2209041864
District RP	
Facility ID	
Application ID	94798

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	Calculated volume of the release was 730 bbls of produced water, which is greater than the 25 bbl
⊠ Yes □ No	threshold defining a major release.
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
NMOCD – Artesia Offic Haney with Altamira-US	was provided by Kurt Shipley on March 28, 2022 at 4:47pm by phone. Notification was made to the ce (575.703.3842). A recorded message was provided on the hotline voicemail (Laura Polk). Bryan S (on behalf of Novo Oil & Gas Northern Delaware, LLC.) submitted notification of a release (NOR) tem on March 31, 2022.
	Initial Response
The responsible	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.
☐ The impacted area has	is been secured to protect human health and the environment.
Released materials ha	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have not been undertaken, explain why:
All actions above have	been completed.
	AC the responsible party may commence remediation immediately after discovery of a release. If remediation
	a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger
public health or the environs	ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
addition, OCD acceptance o	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f 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	A. Shipley Title: Chief Operating Officer
Signature:	Date: March 31, 2022
email: _kshipley@novo	og.com Telephone: <u>405-286-3916</u>
OCD Only	
	Harimon Date: 04/05/2022
Received by: Jocelyn	Date: <u>04/05/2022</u>

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Incident ID	nAPP2209041864
District RP	
Facility ID	
Application ID	94798

ATTACHMENT

Release Volume Calculation:

Water rate on the receiving end of the Hades North Loop was 18,000 bbls of produced water per day. This was recorded on the San Mateo SCADA water meter. During the time that the pipe was leaking, the receiving end SCADA meter was receiving a rate 11,000 bbls of produced water per day. The difference was 18,000 bbls minus 11,000 bbls, equal to 7,000 bbls of produced water per day.

This is our estimated rate for the amount of water lost from the pipeline during the failure while the pipeline was in operation. The SCADA data shows the meter receiving the reduced rate from 4:00am to 6:30am (2.5 hours).

This calculates to 7,000 bbls per day / 24 hours = 292 bbls x 2.5 hours = 730 bbls.

From: <u>Hamlet, Robert, EMNRD</u>

To: Bryan Haney

Cc: Kurt Shipley: Bratcher, Mike, EMNRD: Hensley, Chad, EMNRD; Velez, Nelson, EMNRD: Nobui, Jennifer, EMNRD

Subject: RE: [EXTERNAL] Novo Hades North Loop Produced Water Release Update

Date: Tuesday, April 5, 2022 2:39:11 PM

Attachments: <u>image003.png</u>

Bryan,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Bryan Haney <Bryan.Haney@Altamira-US.com>

Sent: Tuesday, April 5, 2022 11:54 AM

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

<mike.bratcher@state.nm.us>

Cc: Kurt Shipley <kshipley@novoog.com>

Subject: [EXTERNAL] Novo Hades North Loop Produced Water Release Update

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

Rob and Mike,

I have attached the submitted C-141 initial notification and volume calculations.

Novo is onsite now scraping up soil containing chlorides/chloride crust and moist affected soil. We anticipate to expand that effort this week and begin post excavation confirmation soil sampling on Thursday. Please accept this email as notification of our field activities and planned confirmation soil sampling.

Since this was a produced water release, we will be collecting five-point composite soil samples for analysis of chlorides, TPH and BTEX. Since we are currently unsure of the depth to groundwater, we will use the most strict cleanup levels on Table I.

We have also consulted with Shelly at the BLM to notify her of our remediation efforts. She approved for Novo to proceed.

If you have any questions please let me know

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

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



From: OCDOnline@state.nm.us

To: Bryan Haney

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 94798

Date: Thursday, March 31, 2022 12:38:10 PM

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

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2209041864,

with the following conditions:

• When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.

Please reference nAPP2209041864, on all subsequent C-141 submissions and communications regarding the remediation of this release.

NOTE: As of December 2019, NMOCD has discontinued the use of the "RP" number. If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

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



United States Department of Interior Bureau of Land Management Major Undesirable Event Report¹

ATTACHMENT 2

Report Type: Initial 24-Hour X			15-Day/Final □			O	Other/Follow-up □			
BLM Field Office: Carlsbad				State: New Mexico						
BLM Contact: Date of this Report: 3-28-2022										
Company Official Reporting	to BLM:	Kurt S	hipley (Chief C	perating (Officer)				
Operator: Novo Oil & Gas I	Northern	Delawar	e, LLC							
Date/Time of Occurrence: 3-28-2022 at 6:30am			m	Date/Time BLM Notified: 3-28-2022 at 4:10pm						
Field/Unit Name:				Lease Number:						
State: NM County: Eddy			Twp:	T23S Rng: R28E S		ec: 1 Qtr: NWNW				
Lat 32.3405953, Long -104.0455863										
Surface Ownership: Federal Federa			1: X	Indian: □ S		State:		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 □		Explosi	Explosion		
Nature and Cause of Event: Permanent produced water pipeline break below ground at camel back riser above ground.										
Environmental Impact: Approximately 300-500 bbls saltwater spilled to the pipeline ROW. 300 bbls was removed with vacuum truck. Approximate affected an area on ROW of 70 feet by 650 ft. Chlorides: 50,000 ppm chlorides										
Time Required to Control Event (Hours): 10				ninutes (3 hours of leak)						
			OIL: _	DIL: bbls WATER: 500 bbls GAS:mcf						
			OIL: _	DIL: bbls WATER: bbls						
Net Volume Lost: OIL: bbls WATER: 350_ bbls										
Action Taken to Control Event: Removed 300 bbls of free standing water with vacuum truck. Marking area. Taking photos. Left message with BLM and NMOCD Spill Hotline.										
Resulting Damage: None.										
Clean-Up Procedures: Pend	ing.									
Cause/Extent of Personal Inj	ury: Non	e.								
Actions the operator has take Repaired line. Emergency s		-	prevent	a recur	rence of th	e incide	nt:			
Agency Notification	Agen	cy Name)	C	ontact Nar	ne	Γ	Date/Time		
	BLM – C			Left me				22 4:10pm		
(Federal/State/Local):	NMOCD	Laura	Polk	Left me	essage		3-28-202	22 4:47pm		

¹ 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

From: <u>Tucker, Shelly J</u>

To: <u>Bryan Haney</u>; <u>Hamlet, Robert, EMNRD</u>; <u>Bratcher, Mike, EMNRD</u>

Cc: Kurt Shipley

Subject: Re: [EXTERNAL] RE: Novo Oil and Gas - Hades North Loop Release Site

Date: Wednesday, April 13, 2022 4:19:05 PM

Attachments: <u>image002.png</u>

image003.png

BLM hereby authorizes you to perform additional assessment work outside of your approve ROW.

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

Sincerely,

Shelly J Tucker

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

Please note a new spill/release email account has been set up. Please forward future email notifications for **spills/releases only** to this central email to ensure if I am unavailable, my supervisor will be able to assist with any questions.

Spill/Release email: **BLM_NM_CFO_REALTY_SPILL@BLM.GOV**

From: Bryan Haney <Bryan.Haney@Altamira-US.com>

Sent: Wednesday, April 13, 2022 8:56 AM

To: Tucker, Shelly J <stucker@blm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>;

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

Cc: Kurt Shipley <kshipley@novoog.com>

Subject: [EXTERNAL] RE: Novo Oil and Gas - Hades North Loop Release Site

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hi Shelly,

Novo conducted a land survey for the Hades North Loop site so that we could accurately depict the release and easements. As you will notice, there are two small areas where it appears the release of produced water extended. We want to ensure you have the accurate information. Since these two areas are outside of the current easement, Novo would like to request permission to conduct additional assessment work within these areas to define the extent of any potential impacts and remediate as necessary.

Removal of the significant portion of chloride affected soil has been completed within the easement area; however, remediation is not complete. Novo has decided to conduct a soil assessment to define the lateral and vertical extent of chloride impacts in the shallow soil. Novo and Altamira plan to begin assessment activities on April 26th. I will prepare a short scope of work for the assessment along with a figure showing the proposed soil boring locations and send that out.

I will provide email Notification confirming our assessment start date by the middle of next week to both the BLM and NMOCD.

Please let me know if you have any questions or need additional information at this point.

Thanks again for your help,

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: Tucker, Shelly J <stucker@blm.gov> Sent: Tuesday, March 29, 2022 6:22 PM

To: Kurt Shipley <kshipley@novoog.com>; Mike Bratcher (mike.bratcher@state.nm.us) <mike.bratcher@state.nm.us>; Bryan Haney <Bryan.Haney@Altamira-US.com>; Gomez, Robert <rgomez@blm.gov>

Subject: Re: [EXTERNAL] Spill Report - Initial 24 Hour

Based on current data and information that you have submitted to the BLM, please be aware of the following environmental items prior to any sampling or excavation activities.

- 1. Release Date & GPS: 03.28.2022 -104.045586, 32.3405953
- 2. The point of release occurred within **Novo Oil & Gas Buried Saltwater Line Need ROW # and name** which is **covered under a previous survey**, no additional archeological surveys will be required.
- 3. The release did not impact any known archaeological area.
- 4. This area is located within a **Medium karst zone** a karst survey will be required.
- 5. This site is **cleared** of **flood zones**, **active playas**, **watershed**, **intermittent streams**, **etc**.
- 6. Site is located within a **Special Status Plant Species** area. The site will require a survey.
- 7. The site **is not** located within a wildlife T&E species habitat.
- 8. Area is not located within Shinnery Oak PDO.
- 9. Soils are within the **Simona-Bippus Complex.**
- 10. BLM Seed Mix: 2 Sand will be required for remedial actions.
- 11. Area is noted to be within **0-5% slope**.
- 12. Site **is not** located within a *Special Area of concern*.
- 13. Site **is not** located within **ACEC**.
- 14. Site **is** located within approved <u>Potash</u> development area Rana Salada 0106 and SOPA.

Initial Stipulations:

- 1. Prior to any staging or excavation activities, all surveys (if required) must be completed, and you must have an approved Corrective Action Plan from the BLM and NMOCD.
- 2. A copy of the cleanup plan and conditions of approval must be given to the contractor or site work personnel and be present on the location during all cleanup operations.
- 3. The authorized officer **must be notified** at the following phases of cleanup or conditions:
 - 1. Prior to moving equipment on site for cleanup
 - 2. When the excavation is nearing completion and a BLM inspection of the excavation or witnessing of sampling is required by the cleanup plan COA's.
 - 3. When the remedial action is nearing completion, to schedule a final onsite **prior** to removal of equipment.
 - 4. Three days **prior** to the site being seeded (if reseeding is required).
 - 5. **Any time** that a variance of the approved plan or conditions of approval is required.
 - 6. In the event that you encounter excavation difficulties, unexpected void areas, or archeological artifacts the Authorized Officer must be contacted immediately. An onsite may be required to assess the situation.
 - 7. 24 hour sampling notification will be required prior to confirmation samples.

4. You are **not authorized** to <u>stage equipment nor work outside</u> your approved easement. If this release has impacted areas outside of the authorized easement, you must contact the Authorized Officer for authorization to work outside of the authorized easement.

Cleanup Stipulations:

- 1. The BLM requires horizontal and vertical delineation of the spill impacted.
- 2. The BLM may wish to inspect the excavation once it reaches cleanup depth/width. Confirmation samples of excavation bottom, sidewalls, and any visibly affected areas outside of the excavation trench will be required; the BLM may witness the sampling. Contact the authorized officer to schedule
- 3. Lab analysis of the confirmation sampling must be forwarded to the authorized officer for final approval before backfilling. Based on the sampling results, additional cleanup may be required, or the site may be approved for closure.
- 4. Once final approval of cleanup is given, the excavation can be backfilled with clean soil to the level of the original native contour plus enough loft to accommodate the settling and compaction of unconsolidated fill soils.
- 5. At the time of the final onsite for this location, the easement, access road, and the surrounding pasture areas must be in a condition that will pass a routine inspection.
- 6. All household trash, debris, disconnected pipe and equipment must be removed from the area and the surrounding pasture and hauled to an authorized landfill. Do not bury cleanup trash, equipment debris, or household garbage in the cleanup excavation.

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

Sincerely,

Shelly J Tucker

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: Kurt Shipley < kshipley@novoog.com > Sent: Monday, March 28, 2022 3:32 PM

To: Mike Bratcher (<u>mike.bratcher@state.nm.us</u>) <<u>mike.bratcher@state.nm.us</u>>; Bryan Haney (<u>bryan.haney@altamira-us.com</u>) <<u>bryan.haney@altamira-us.com</u>>; CFO_Spill, BLM_NM <<u>BLM_NM_CFO_Spill@blm.gov</u>>

Subject: [EXTERNAL] Spill Report - Initial 24 Hour

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

This is an email follow-up to our 24 hour initial spill notification. We had a pipeline leak at 6:30am on 3-28-2022 on federal land. I called the BLM Spill Hotline and left a message at 4:10pm on 3/27/2022 and I called the NMOCD Spill Hotline but the voicemail was full. I called the NMOCD Artesia Office and left a notification message with Laura Polk at 4:47pm on 3-28-2022.

We are now preparing our formal report.

I have included the initial reports, the location and some photos.

Kurt A. Shipley
Chief Operating Officer
Novo Oil & Gas, LLC
1001 West Wilshire Blvd, Suite 206
Oklahoma City, OK 73116
www.novoog.com



From: Bryan Haney
To: Tucker, Shelly J

Cc: Kurt Shipley; jasonwhawley@gmail.com

Subject: FW: nAPP2209041864 - 48-Hour Notification of Assessment Activities - Novo Hades North Loop Produced Water

Release

Date: Tuesday, April 19, 2022 12:38:00 PM

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

Scope of Work Detail - Soil Assessment - NOVO Prod Water Release.pdf

Proposed Soil Boring Location Map 4-12-2022.pdf

Hi Shelly,

I know I sent you our work plan and proposed soil boring locations, but wanted to ensure we followed up with the appropriate 48-hour notification regarding the Soil Assessment activities plan for April 25-27th. We will install approximately 25 soil borings for vertical and lateral delineation of what appears to be mainly chlorides. Following soil boring installation, boreholes will be properly plugged. It looks like most of this work will occur within the ROW/Easement.

We will have an air rotary drill rig and support trucks onsite to conduct this work.

Please let me know if you need any further information regarding this soil assessment.

Thanks for your help,

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, April 19, 2022 12:30 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>

Cc: Kurt Shipley <kshipley@novoog.com>; jasonwhawley@gmail.com

Subject: nAPP2209041864 - 48-Hour Notification of Assessment Activities - Novo Hades North Loop Produced Water Release

Novo Oil & Gas is providing the 48-hour notification of field assessment activities for the above site. We will be conducting the assessment starting April 25-27th.

Scope of work will be installation of approximately 25 soil borings to 15 feet and collection of soil samples for analysis of chlorides, BTEX, and TPH.

Necessary permits have been obtained from the OSE and Shelly Tucker with the BLM will also be notified.

Thanks for your help and please let us know if you need any further information,

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: <u>Hamlet, Robert, EMNRD</u>

To: Bryan Haney

Cc: Kurt Shipley; jasonwhawley@gmail.com; Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD

Subject: RE: [EXTERNAL] nAPP2209041864 - 48-Hour Notification of Assessment Activities - Novo Hades North Loop

Produced Water Release

Date: Wednesday, April 20, 2022 10:18:45 AM

Attachments: <u>image003.png</u>

Bryan,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us



From: Bryan Haney <Bryan.Haney@Altamira-US.com>

Sent: Tuesday, April 19, 2022 11:30 AM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>

Cc: Kurt Shipley <kshipley@novoog.com>; jasonwhawley@gmail.com

Subject: [EXTERNAL] nAPP2209041864 - 48-Hour Notification of Assessment Activities - Novo Hades North Loop Produced Water Release

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

Novo Oil & Gas is providing the 48-hour notification of field assessment activities for the above site. We will be conducting the assessment starting April 25-27th.

Scope of work will be installation of approximately 25 soil borings to 15 feet and collection of soil samples for analysis of chlorides, BTEX, and TPH.

Necessary permits have been obtained from the OSE and Shelly Tucker with the BLM will also be notified.

Thanks for your help and please let us know if you need any further information,

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: <u>Hamlet, Robert, EMNRD</u>

To: Bryan Haney

Cc: Bratcher, Mike, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD

Subject: (Extension Approval) Request for Time Extension for Submittal of Assessment and Proposed Remediation Report

- NOVO Hades - nAPP2209041864

Date: Friday, June 3, 2022 10:53:03 AM

Attachments: <u>image003.png</u>

RE: Incident #NAPP2209041864

Bryan,

Your request for an extension to **July 26th, 2022** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
811 S. First Street | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us



From: Bryan Haney <Bryan.Haney@Altamira-US.com>

Sent: Friday, June 3, 2022 8:54 AM

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

Subject: RE: [EXTERNAL] Request for Time Extension for Submittal of Assessment and Proposed

Remediation Report - NOVO Hades - nAPP2209041864

I think 30 days would be fine. I plan to have you a report by the end of June.

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: Hamlet, Robert, EMNRD < Robert. Hamlet@state.nm.us >

Sent: Friday, June 3, 2022 9:53 AM

To: Bryan Haney < <u>Bryan.Haney@Altamira-US.com</u>>

Subject: RE: [EXTERNAL] Request for Time Extension for Submittal of Assessment and Proposed Remediation Report - NOVO Hades - nAPP2209041864

Bryan,

How long of an extension are you requesting? 30 days?

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau

EMNRD - Oil Conservation Division

811 S. First Street | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

http://www.emnrd.state.nm.us/OCD/



From: Bryan Haney < Bryan. Haney@Altamira-US.com >

Sent: Friday, June 3, 2022 7:18 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>>

Subject: [EXTERNAL] Request for Time Extension for Submittal of Assessment and Proposed

Remediation Report - NOVO Hades - nAPP2209041864

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

Rob,

Novo would like to request an extension of time for submittal of our final assessment and proposed remediation plan. We made an attempt at initial remediation, but further remediation will be necessary. We have also recently completed soil assessment activities. We can have you a report by the end of June that outlines our assessment, remediation efforts to date, and proposed remediation moving forward.

Thank you,

Bryan

Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



APPENDIX B Permits Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr: 723858 File Nbr: C 04609

Apr. 15, 2022

BRYAN HANEY
ALTAMIRA-US LLC
14229 PUNTA BONAIRE
CORPUS CHRISTI, TX 78418

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

Aucena Ramirez (575)622-6521

Enclosure

explore

Released to Imaging: 12/7/2022 3:41:22 PM

File No. C-4609 ROD1

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL A WELL WITH NO WATER RIGHT



Released to Imaging: 12/7/2022 3:41:22 PM

Page 1 of 3

(check applicable box):

	Fo	r fees, see State Engineer we	bsite: http://www.ose.state.nm.us/	5 (2 20)	
Purpose:		Pollution Control And/Or Recovery	☐ Ground So	urce Heat Pump	
Exploratory Well (Pump test)		Construction Site/Public Works Dewatering	Other(Desc	cribe): Environmental Soil Boring	
☐ Monitoring Well		Mine Dewatering			
A separate permit will be required	to app	ly water to beneficial use r	egardless if use is consumptiv	e or nonconsumptive.	
Temporary Request - Request	ed Sta	rt Date: 4/26/2022	Requested Ed	nd Date: 4/30/2022	
Plugging Plan of Operations Subn	nitted?	■ Yes □ No			
I. APPLICANT(S)			2012 2014		
Name: Novo Oil & Gas Northern Delaward	e, LLC		Name: Q. Altamira-US, LLC	SE 011 APR 14/2022 PM4:01	
Contact or Agent:	chec	k here if Agent 🗌	Contact or Agent:	check here if Agent	
Kurt Shipley			Bryan Haney		
Mailing Address: 1001 W. Wilshire Blvd., Suite 206			Mailing Address: 14229 Punta Bonaire		
City: Oklahoma City			City: Corpus Christi		
State: OK	Zip Co	ode: 73116	State: Texas	Zip Code: 78418	
Phone: 405-286-3916 Phone (Work):		Home 🔳 Cell	Phone: 361-658-3126 Phone (Work):	☐ Home ■ Cell	
			E-mail (optional):		
E-mail (optional): shipley@novoog.com			bryan.haney@altamira-us.com		

Sub-Basin:

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WELL(S) Describe the well(s) applicable to this applica

(Lat/Long - WGS84).		•	ate Plane (NAD 83), UTM (NAD 83), <u>or</u> Latitude/Longitude a PLSS location in addition to above.
NM State Plane (NAD83) NM West Zone NM East Zone NM Central Zone	_ [JTM (NAD83) (Meter]Zone 12N]Zone 13N	Lat/Long (WGS84) (to the nearest 1/10 th of second)
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-460970D1	32.3405953	-104.0455863	Twp: T23S, Rng: R28E, Sec: 1
NOTE: If more well location: Additional well descriptions			WR-08 (Attachment 1 – POD Descriptions) If yes, how manyNA
Other description relating well From Highway 31 (Potash Mind 605, turn north on dirt road into	es Road) and Highwa	y 605, travel northwe	est on Highway 605 approximately 1.4 miles. From Highway 0.2 miles to location.
Well is on land owned by: BLN	(leased to Novo Oil	& Gas)	
	nore than one (1) we	Il needs to be desc	ribed, provide attachment. Attached? Yes No
If yes, how many			staids diameter of wall spains (inches): 0 to 1. If the second
Approximate depth of well (fee			utside diameter of well casing (inches): 6-inch diam soil boring riller License Number: NM-1757
Driller Name: Envirotech Drillir	y services	DI	mer Electise Multiper. MW-1/3/

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

DSE ON APR 14/2022 PM411/2

This permit is for the installation of an environmental soil boring for collection of soil samples associated with a release of produced water near the site area. Soil boring will be installed using an air rotary drilling rig. One soil boring will be installed to a depth of 51 feet below ground surface. Soil boring will be plugged following installation and soil sample collection. It is anticipated it will take approximately one hour to install the soil boring and plug back to the surface in accordance with the approved plugging plan.

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

ile No.: C-4609	Tm No.: 723858
	D.

Exploratory:

Include a description of

any proposed

	pump test, if	A description of the need for the	operation,	dewatering.
	applicable.	pollution control or recovery operation.	The estimated duration of	The estimated maximum period of time
		The estimated maximum period of time for completion of the operation.	the operation, The maximum amount of	for completion of the operation. The source(s) of the water to be diverted
		The annual diversion amount.	water to be diverted.	The geohydrologic characteristics of the
		The annual consumptive use	A description of the need	aquifer(s).
		amount.	for the dewatering operation,	☐ The maximum amount of water to be
		☐ The maximum amount of water to be	and,	diverted per annum.
		diverted and injected for the duration of	☐ A description of how the	☐The maximum amount of water to be
-		the operation.	diverted water will be disposed	diverted for the duration of the operation.
1		☐ The method and place of discharge.	of.	☐The quality of the water.
1	Monitoring:	☐ The method of measurement of	Ground Source Heat Pump:	☐The method of measurement of water
	nclude the	water produced and discharged.	Include a description of the	diverted.
	reason for the	The source of water to be injected.	geothermal heat exchange	☐The recharge of water to the aquifer.
	monitoring	☐ The method of measurement of	project,	Description of the estimated area of
	well, and,	water injected.	The number of boreholes	hydrologic effect of the project.
	☐ The duration	☐ The characteristics of the aquifer. ☐ The method of determining the	for the completed project and	☐The method and place of discharge. ☐An estimation of the effects on surface
	of the planned	resulting annual consumptive use of	required depths. The time frame for	water rights and underground water rights
	monitoring.	water and depletion from any related	constructing the geothermal	from the mine dewatering project.
	montoning.	stream system.	heat exchange project, and,	☐A description of the methods employed to
		☐ Proof of any permit required from the	The duration of the project.	estimate effects on surface water rights and
		New Mexico Environment Department.	Preliminary surveys, design	underground water rights.
		☐ An access agreement if the	data, and additional	☐Information on existing wells, rivers,
		applicant is not the owner of the land on	information shall be included to	springs, and wetlands within the area of
		which the pollution plume control or	provide all essential facts	hydrologic effect.
		recovery well is to be located.	relating to the request.	
	affirm that the fo	Pr pregoing statements are true to the best of (rint Name(s) (my, our) knowledge and belief.	
	4/19	200	Binnall	Ω
	Applicant Signal	ture	Applicant Signature	
		ACTION	OF THE STATE ENGINEER	1
		☐ approved	This application is: partially approved [denied
	meas sintant it in m	— ··		, , , , , , , , , , , , , , , , , , ,
		trimental to the public welfare and further si		ontrary to the conservation of water in New fapproval
		18th	(22	
	Witness my han	d and seal this day of	part 20 22.	for the State Engineer,
	Mike	A. Hammon, P.E.	, State Engineer	OSE DIFAPR 14 2022 PM4112
	ву: К	Parch	Kashyo	ap Parekh
	Signature	Pasauras May	Print C	1
	Print	A LOSDOTCES MUI	<u>uga</u>	
		FOR OS	SE INTERNAL USE	Application for Permit, Form WR-07
		File No.:	A 1 1	Tm No.: 723858

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate

Construction

De-Watering:

proposed dewatering

☐ Include a description of the

Mine De-Watering:

☐ Include a plan for pollution

control/recovery, that includes the following:

A description of the need for mine

boxes, to indicate the information has been included and/or attached to this application:

Pollution Control and/or Recovery:

☐ Include a plan for pollution

following:

control/recovery, that includes the

-07

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04609 POD1 File Number: C 04609
Trn Number: 723858

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.

 The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04609 POD1 File Number: C 04609
Trn Number: 723858

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NEW MEXICO STATE ENGINEER OFFICE PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04609 POD1 must be completed and the Well Log filed on or before 04/15/2023.

IT IS THE PERMITTEE'S RESPONSIBILITY TOOBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected: Formal Application Rcvd: 04/14/2022 Pub. of Notice Ordered: Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witn	ess	my	hand	and	seal	this	15	day	of	Apr_	A.D.,	2022
Mike	Α.	Ham	man,	P.E.			, Sta	te En	gin	ıeer		
			Pa	-			•		J ===			
4			DADE									

Trn Desc: C 04609 POD1 File Number: C 04609
Trn Number: 723858

page: 3



STATE OF NEW MEXICO

OFFICE OF THE STATE ENGINEER ROSWELL

Mike A. Hamman, P.E.

State Engineer

DISTRICT II

1900 West Second St. Roswell, New Mexico 88201

Phone: (575) 622-6521 Fax: (575) 623-8559

Released to Imaging: 12/7/2022 3:41:22 PM

April 15, 2022

Novo Oil & Gas Northern Delaware LLC 1001 W. Wilshire Blvd., Suite 206 Oklahoma City, Oklahoma 73116

RE: Well Plugging Plan of Operations for C-4609-POD1

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced project. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer.

- (1) Plugging operations shall also be conducted in accordance with NMED, NMOCD, or other State or Federal agencies having oversight for the above described project.
- (2) Maximum 5.2 gallons water per 94 lb. sack Portland Cement PLUS 0.6 gallon per 1% increase in bentonite up to maximum 6% bentonite by dry weight ratio. Bentonite must be hydrated separately and then mixed.
- (3) Any deviation from this plan <u>must</u> obtain an approved variance from this office prior to implementation.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Form WD-08 has been updated. The correct and current form can be found on the OSE website at the following link Well Drillers Forms - Water Rights Statewide Projects

Sincerely,

Kashyap Parekh

Water Resources Manager I



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILIN	G FEE: There is no filing	g fee for this form.		
II. GEN	ERAL / WELL OWNER	SHIP: Check here if propo	sing one plan for multiple monitoring	ig wells on the same site and attaching WD-08m
Existing Name of	Office of the State Engire well owner: Novo Oil &	neer POD Number (Well Nur Gas Northern Delaware, LLC		d: SET C-4609-POP
Mailing	address: 1001 W. Wilshir	e Blvd., Suite 206	County:	Oklahoma
City: O	klahoma City	State:	OK	Zip code: 73116
Phone nu	umber: 405-286-3916	B	-mail: kshipley@novoog.∝	om
III. WE	LL DRILLER INFORM	ATION:		
Well Dri	ller contracted to provide p	olugging services: Envirotech	Drilling Services	4949904
New Me	xico Well Driller License	No.: NM-1757	Expiration I	Date: 1/31/2024
IV. WE Note: A 1)	GPS Well Location: Reason(s) for plugging w	Record for the well(s) to be pload to be p	eg, 20 min, 26. eg, 02 min, 44.	14 sec 11 sec, NAD 83 SE DII APR 14 2022 1944 1.3
		nental soil boring. No wells or		
3)	what hydrogeologic para	e of monitoring program? meters were monitored. If t the New Mexico Environment	ne well was used to monit	
4)	Does the well tap brackis	h, saline, or otherwise poor qu	ality water? NA	If yes, provide additional detail,
	including analytical result	s and/or laboratory report(s):	NA	
5)	Static water level:	NA feet below land surf	ace / feet above land surface	(circle one)
6)	Depth of the well:	NA feet		

WD-08 Well Plugging Plan Version: July 31, 2019 Page 1 of 5

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7)	Inside diameter of innermost casing: NA inches.
7)	
8)	Casing material: NA
9)	The well was constructed with:
	an open-hole production interval, state the open interval:
	a well screen or perforated pipe, state the screened interval(s):
10)	What annular interval surrounding the artesian casing of this well is cement-grouted?
11)	Was the well built with surface casing? NA If yes, is the annulus surrounding the surface casing grouted or
ŕ	otherwise sealed? NA If yes, please describe:
	NA
	It all appearing againment and associated pining been removed from the well? NA If not, describe
12)	Has all pumping equipment and associated piping been removed from the well?If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.
	If plugging method differs between multiple wells on same site, a separate
	SCRIPTION OF PLANNED WELL PLUGGING: form must be completed for each method.
Alternation.	this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such ysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.
	his planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.
1)	Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology
	proposed for the well:
	Grout will be pumped into the borehole via a tremie pipe from the bottom to the top.
0)	Will will be also officially land surface offer plugging? NA
2)	Will well head be cut-off below land surface after plugging? NA USE DITAPR 14 2022 pmd:103
VI. PI	JUGGING AND SEALING MATERIALS:
Note: T	he plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.
1)	For plugging intervals that employ cement grout, complete and attach Table A.
2)	For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
3)	Theoretical volume of grout required to plug the well to land surface: 10 CF or 74 Gallons
4)	Type of Cement proposed: Portland Cement w/5% Bentonite Grout
5)	Proposed cement grout mix: 6 gallons of water per 94 pound sack of Portland cement.
6)	Will the grout be:batch-mixed and delivered to the site
	x mixed on site

7)	Grout additives requested, and percent by dr	y weight relative to cement:	
-,	NA		
8)	Additional notes and calculations:		-
	NA		
VII.	ADDITIONAL INFORMATION: List additi	onal information below, or on separate sheet(s):
NA			
			13
	SIGNATURE:		
I, Ku	rt Shipley	, say that I have carefully read the foregoing	Well Plugging Plan of
Opera	ations and any attachments, which are a part her leer pertaining to the plugging of wells and will	comply with them, and that each and all of the	e statements in the Well
Plugg	ing Plan of Operations and attachments are true	to the best of my knowledge and belief.	
-		1000	
	9	MA	4.13.2022
		Signature of Applicant	Date
IX. A	ACTION OF THE STATE ENGINEER:		
This !	Wall Divosing Dlan of Operations is:		
1 nis	Well Plugging Plan of Operations is:		
	Approved subject to the attached of	conditions.	II APR 14 2022 MA113
	Not approved for the reasons prov	ided on the attached letter.	
	1<	th A if	2022
	Witness my hand and official seal this	day of April Mike A. Mammar	,
	STATE	John R. D'Antonio Jr. P.E., New M	exico State Engineer
		[C 0 = a(a)	
	S A Pera E	By:	DOOT KH
		KASHUAP	PAREL
	Her markets had		a comment
	BAS A SELECTION OF THE	By: KASHIAP W.R.	M.I
		17.15-1	WD-08 Well Plugging Plan Version: July 31, 2019

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	0		
Bottom of proposed interval of grout placement (ft bgl)	51		
Theoretical volume of grout required per interval (gallons)	47		
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement	6		
Mixed on-site or batch- mixed and delivered?	on-site		
Grout additive 1 requested	5% Bentonite Grout		
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			OSE 011 PER 14 2022 PM4 ES
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

orac Someon Constitution	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

05E 0ff APR 14 2022 M4113



APPENDIX C Photographic Documentation



View south near point of release at wet soil area



View south at point of release near header



View of point of release - rupture in poly pipe



View south at produced water area following release



View southwest at standing water near soil boring locations SB-21, SB-22 and SB-23



View east at vacuum truck located onsite



View north towards point of release header at excavated soil area and stockpile



View south at initial excavated and graded area following release



View south at initial excavated area



View north at initial excavated soil near point of release area



View north at soil boring location SB-5



View of typical soil returns during drilling



View at soil boring location SB-11 (51-foot boring)



View north at soil boring location SB-1 near point of release area



View of bentonite grout and capping soil boring at surface with concrete



APPENDIX D Soil Boring Logs

			BORING RE	CORD							
GEOLOG.	DEPTH	ЦТН	OLOGIC DESCRIPTION					SAM	PLE		REMARKS
UNIT	(FEET)	N 32,340: W - 104.045	31		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVM READING: SOIL-Q-Q-Q-PPM AIR: Q-Q-PPM
	5 —	1005e dry (7.75-18) Loos & fr cemental lense (a lichic lense sample than 0-1 0838 1-2 0839 2-3 0840 3-4 0841		rm Hant			-	03 03 03 03 03 03 03		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	10
	25 —	5-6 0844 9-8 0845 9-10 0846 11-12 0846 14-15 0849									25 -
	30										30 -
	3700 Wast	CME CONTINUOUS AUGER SAMPLER STANDARD PENETRATION TEST UNDISTURBED SAMPLE WATER TABLE (24 HOURS) ALTAN Robinson St., Suite 200 • Norman, Oklah		BORING DATE DE DRILLING ME DRILLING ME	O Oil & Ga	R NV	ONM2	2202 Rotary	22	200	ed Water Release

		BORING REC	ORD					ź	4
GEOLOG.	DEPTH	LITHOLOGIC DESCRIPTION				SAN	APLE T		REMARKS
UNIT	(FEET)	N 32.34001 W - 104.04601 GROUND SURFACE:	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	DEPTH	BACKGROUND OVM READING: SOIL: 0 10 PPM AIR: D.O PPM
	0 1	1-8010050 Red sonely Silt Dry				0.0		XX	اجره ر
		2,				00		X	
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		TD= 15 BGS							
	20 —	0-1 0909 1-2 0910 2-3 0911 3-4 0912 5-6 0913							20 -
	25 —	176 09/4 9-10 09/5 11-12 09/5 14-15 0923						enno enno en	25 -
	30 —								30 -
	35 —								35 -
		CME CONTINUOUS AUGER SAMPLER WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION	PROJECT NAME NOVO OII & C		des N	orth L	oop P	roduce	ed Water Release
	=	UNDISTURBED SAMPLE + PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY	BORING NUMBER	NV	ONM2	2202			
		ALTAMIRA	DATE DRILLED: DRILLING METHOD: DRILLED BY:	Environ	ech Di	rilling	0	22	2.03
	3700 West	Robinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	LOGGED BY: CHECKED BY: DRAWN BY:	un	and	_	RAWING	NO.:	05 1

050100	DECEL	BORING RECO					SAM	IPLE		REMARKS
GEOLOG. UNIT	DEPTH (FEET)	N 32.33983 W-104.04615	UNIFIED SOIL	CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	DEPTH	BACKGROUND OWN READING: SOIL-Q-Q-Q-PPI AIR-Q-Q-Q-PPI
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	5 —						00		X	5
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	15 —	- TD-15'BGS					5:		*	15
	20 —	1-2 0142 2-3 0943 3-4 0745 5-6 0747 7-8 0748 9-10 0749 11-12 2751								20
	25 —	11-12 0951			ě		# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			25
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		CME CONTINUOUS AUGER SAMPLER WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION FUNDISTURBED SAMPLE WATER TABLE (24 HOURS) NR: NO RECOVERY E	PROJECT NU BORING NUM	& Ga MBEF BER	NVC 1/2	ONM2	202	22	roduce	d Water Relea
	3700 West	Robinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	RILLING METHOD: DRILLED BY: LOGGED BY: CHECKED BY: DRAWN BY:	E	nvirete	ech Dr	illing	RAWING	7 7 C	62 of 1

REMARKS
BACKGROUND OVAI READING: SOIL: PPM AIR: PPM
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Water Release
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			BORING RI	ECORD							
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	- - - 35 —	#11 117 _ 100 _ 111 11	0. 100 0								35 —
		CME CONTINUOUS AUGER SAMPLER STANDARD PENETRATION TEST UNDISTURBED SAMPLE WATER TABLE (24 HOURS)	WATER TABLE (TIME OF BORING) LABORATORY TEST LOCATION PENETROMETER (TONS/SQ. FT.) NR: NO RECOVERY	PROJECT NOVO PROJECT BORING I	Oil & Ga	2	ONM2		oop Pr	roduce	ed Water Release
	3700 West	Robinson St., Suite 200 • Norman, Oklai www.altamira-us.com	homa 73072 = 405-701-5058	DATE DRI DRILLING ME DRILLE LOGGE CHECKEI	THOD: Dire	ct Push nvirete			S N	NO.:	lb)

		BORING RE	CORD							
EOLOG.	DEPTH	LITHOLOGIC DESCRIPTION					SAN	IPLE		REMARKS
UNIT	(FEET)	N 32.33902 W - 104.04637		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OWN READING: SOIL: PPN AIR: PPN
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							00		X	***************************************
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7	15 —	10050 Dry TD-15-1865) — (12°)			-11-5	00	7/	1	15
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		CME CONTINUOUS AUGER SAMPLER ——— WATER TABLE (TIME OF BORING)	PROJECT NOVO		s - Had	es No	orth Lo	op Pr	oduce	d Water Relea
		STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE + PENETROMETER (TONS/SO, FT.)	PROJECT	NUMBER	NVO	NM2	202			
	-	WATER TABLE (24 HOURS) NR: NO RECOVERY	BORING N	NUMBER 5/	5-	6				
		ALTAMIRA	DATE DRIL DRILLING MET DRILLEI	HOD: Direct	t Push			٥	22	2
3	3700 West	Robinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	LOGGED	BY:	110	rele	DR.	AWING	NO.:	8

		BORING RECORD)						~
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SAI	MPLE		REMARKS
	0	N 32,33869 W - 104,04633	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVAL READING: SOIL: 0.0 PPM AIR: 0.0 PPM
	-	GROUND SURFACE: (O-1275 Roldish Brown Stiff Sme SAWD pry 1005 & Some Calichia fragmants				00	1	XXXX	0
	5 —					00		X	5
	10 —			ann-		0.0		X	10
	15 —	12.75-15) for Sand + calichie Dry 1005e 0:25" calichis foldos TD-15" BGS Single Ame				00		X	15 —
	20 -	23 1/363 3-4 13-04 5-6 13-07 3-8 13-08		***********					20 -
	25 —	9-10 1309 11-12 1313 1415 1314							25
	30								30
	35								35
		CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION PROJECT	T NAME O Oil & Gas NUMBER	4.71			op Pro	oduced	d Water Release
	=	Total Honoral Honoral	NUMBER <	NVOI	- 1	2			
3	700 West R	obinson St., Suite 200 = Norman, Oklahoma 73072 = 405-701-5058 CHECK	ETHOD: Direct	t Push/		ing 6	AWING I	1	ele d

		BORING RECORD							
GEOLOG.	DEPTH	LITHOLOGIC DESCRIPTION				SAM	IPLE		REMARKS
UNIT	(FEET)	N 32.33847 W - 104.04632	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER			_	BACKGROUND O'M READING: SOIL: 0.0 PPM AIR: 0.0 PPM
	0	Beletzh Brown fan P Sand & Silf 1005 Dry trace grass Lootlets (0-05) Slight noist	-1-0			00	Part of the second	XXXX	-
	5 -					00		K	
	10 -		-116 -116		(*in)	00		K	10
	15 —	(14.75-15) TAW fine sand + delichie 10050 Diy TD-15'BES SAMPLE Fines				oi	1	1	15
	20 —	5Ample Ames 5Ample Ames 6-1 1342 1-2 1343 23 1344 5-4 1245 5-6 1351 78 1352 940 1353						, process	20
	25 —	940 1353 11-12-1358 1415 1400							25 —
	30 —								30
	- 35								35
		PROJECT CME CONTINUOUS AUGER SAMPLER WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION PROJECT UNDISTURBED SAMPLE PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY BORING N	Oil & Ga	?	des No		оор Р	roduce	ed Water Release
	3700 West	Robinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	THOD: DIFE	ct Push	h/Air F	illing	2 AWING) No./	30el3

			BORING R	ECORD							
GEOLOG. UNIT	DEPTH (FEET)	ЦТН	OLOGIC DESCRIPTION					SAM	IPLE		REMARKS
ONIT	(FEET)	N 32.3 GROUND SURFACE:	.04655		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OWN READING: SOIL: 0 0 PPM AIR: 60 PPM
	- - -	(0-13.5) fods + 50/+ 100	so ory	co Sand	- 0			00 00 00		メスズベ	0
	5 —				11			00		X	5
	10 —							00		X	10
	15 —	1005e TD 15'BGS	o sond tealishis	pry				0.8	4	+	15
	20 —	5-y 1428 1-2 1429 22 1450 3-4 1431 5-6 1434						# 1 P			20
	25 —	7.8 1435 9.16 1436 1112 1452 1415 1453									25 —
	30 —										30
	35		-	- 1							35
		CME CONTINUOUS AUGER SAMPLER STANDARD PENETRATION TEST UNDISTURBED SAMPLE WATER TABLE (24 HOURS)	WATER TABLE (TIME OF BORING) LABORATORY TEST LOCATION PENETROMETER (TONS/SQ. FT.) NR: NO RECOVERY	PROJECT NOVO PROJECT BORING N	Oil & Gas	2	ies No		oop Pr	oduce	d Water Release
	3700 West	ALTAM Robinson St., Suite 200 • Norman, Oklaho www.altamira-us.com		DATE DRI DRILLING MEI DRILLE LOGGEL CHECKEL	THOD: Direction of the property of the propert	nvirete		illing	O / AWING	3	alos .

		BORING RE	CORD							
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION					SAM	/PLE		REMARKS
ONI	0-	N 32.33814 W - 104.04674		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVM READING: SOIL: O.O PPM AIR: O.D PPM
	- - -	(1-125) Reddish Brown Sonly Si		inner a			00		XXX	0
	5 -	Dry loose					00		×	5 -
							00		K	
	10 —	(12.25-15) calrehia with Red soud 10050 pay	fre	10 10			0,0		X	10 -
	15 —	soud 10050 Day		100			20	M	X	15 -
	20	TD - 15'865 5-86 to 15'865 0-1 1523 1-2 1524 2-3 1525 3-4 1526	10							20 -
	25 —	5-6 15 27 3-8 15 30 9-16 15 31 11-12 1540 14-14 1541	1111							25 -
	30 —							1104		30 -
	35 —									35 -
		CME CONTINUOUS AUGER SAMPLER WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY		Oil & Gas	NVO		202	op Pr	oduced	l Water Release
3	3700 West F	ALTAMIRA Robinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	DATE DRI DRILLING MET DRILLE LOGGET CHECKET	THOD: Direct En	24	Air Ro	otary.	/	7	2

		BORING RECORD							
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SAN	/PLE		REMARKS
ONII	(1227)	N 32, 34047 W -104.04576	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVM READING: SOIL: 0.0 PPM AIR: 0.0 PPM
	_	Silt Dry 10052				00		XXX	0
	5 —					0.0		X	5
	-	(6.5-1215) Ton Freesandsilf Intermitted	Land results		,	00		X	
	10 —					00		X	10 -
	15 —	(12,25-35) Loose fresand with caliche 11sht And Dry Soil Morder more compacted with depth				00		X	15 —
	20	(35-48) calichie +finoson / Dry tracesilt hoose)			00		X	20 —
	25 —	(48:51) Greenish Boxwackey med Plasticty noist, Growdwoler not encountered at 51 TD=51' BGS Saugle fores 6-1 0926	100			إدار		X	25 —
	30	1-1 0925 2-3 0928 3-4 0729 5-6 0732 0-8 0933	100		Here I	0.0		X	30
	35 —	9-10 0934 11-12 0936 14-15 0937 19-20 0952				0.0		X	35
		PROJECT	Oil & Gas		es No		op Pr	oduced	l Water Release
3	700 West R	DATE DRILL DRILLING MET DRILLET DRILLE	HOD: Direct	Push/ virotec		ling	S3 Wing	3	62

		BORING RE	CORD						
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SAN	(PLE		REMARKS
Olin		N 32.34047 W - 104.04576	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVAL READING: SOIL: DED PPM AIR: DED PPM 39
	A 5 —					6D		X	45
	5 0 —	TD= 51' 865				00		X	3 0 —
	\$5	NO WATER UBSERVED							§ 5
	29-								20
	28								25
	36								30
,	-85	CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE + PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY	PROJECT NAME Novo Oil & Ga PROJECT NUMBE BORING NUMBER	R NVC	es Nor	-	op Pro	oduce	d Water Release
	3700 West R	obinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	DATE DRILLED: DRILLING METHOD: DIFE DRILLED BY: LOGGED BY: CHECKED BY: DRAWN BY:			tary F Iling	Rotary		or 2

		BORING RECO	ORD						
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SAM	MPLE		REMARKS
UNII		N 32.34 028 W -104.04597	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVAL READING: SOIL: Q >> PPM AIR: Q > Q PPM
	0	(0-15) fedelizh Brown fore so 1511 to bry 10050 some rulik Posblos Intersporsed throughou	hije			00		XXXX	0
	5 -					00	4	X	5
	_				Times	00	1/2	×	
	10 —					00		X	10 -
	15 —	TD-15'BGS				6.0	24	X	15 -
	20 —	5Anglotimes 0-1 1329 12 1335 2-3 1331 3-4 1332 5-6 1334							20 -
	25 —	9-8 1235 9-10 1336 11-12 135/ 14-15 1352							25 -
	30								30
!	35								35 -
		CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE — PENETROMETER (TONS/SQ. FT.)	PROJECT NAME NOVO OII & Gas PROJECT NUMBER BORING NUMBER	2	des No		op Pr	oduce	
	3700 West		DATE DRILLED: 4	26 ct Push nviroted	/Air R	lotary illing	AWING I	NO.:	

	BORING RECOR	RD						
GEOLOG. DEP					SAI	MPLE		REMARKS
UNIT (FE	N 32.34013 W - 104.045 87	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	_		ОЕРТН	BACKGROUND OWAL READING: SOIL: Q.Q. PPM AIR: Q.O. PPM
	(0.5 - 8.1) hellish Brown fresand + - (0.5 - 8.1) hellish Brown fresand +5:1+ Stisz+ly moist	/			00		XXX	0
5					00		X	5 -
	(8.5 - 15") calichio + Reddish prown for so- + 5:1+ Dry 10050	-1			0.0		X	
10	- Jili Bry Ivosk			-	00	1	X	10 -
15					0.0	4	X	15 —
20	- TD: 15 BGS - Sample tows - 0-1 1244 - 1-2 1245 2-3 1246							20 -
25	1-2 1245 2-3 1246 3-4 1247 5-6 1249 - 2-8 1250 9-10 1251 11-12 1307 14-15 1308							25 -
30	11-12 /3 81)		in the second					30 -
35	1							35 -
[] [-	CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION PRO UNDISTURBED SAMPLE + PENETROMETER (TONS/SQ. FT.)	ROJECT NAME NOVO Oil & Gas ROJECT NUMBER PRING NUMBER	3	des No		oop P	roduce	ed Water Release
3700	ALTAMIRA DRILL West Pobleson St. Suite 200 a. Norman Oklaborna 73073 a. 405 704 5059	DATE DRILLED: LING METHOD: Direct	nvirote		Rotary		838	zaQ.E

		BORING RE	CORD							
EOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION					SAM	MPLE		REMARKS
	0-	N 32.33979 W-104.04602 GROUND SURFACE:		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	DEРТН	BACKGROUND OVM READING: SOIL: 0.0 PF
		GROUND SURFACE: (0-9-27) Brown In esamle	57/				000		XXXX	(122) (141) (141) (141)
	5 -				Vertice (0.0		X	5
	10	9.25-12.77) TAN FRO San / + Silt sma Internitant calicher popules Lo	n//	************			06		X	10
-	15	1.75-15) Colichie while Dry Frucosmo sont calichie possi TD= 15 BGS	1005-				2.0		X	15
	20	5 Ample times 5-/ 1443 1-2 1445 2-3 1445 3-4 1446 5-6 1449								20
2	25	7-8 1450 9-10 1451 11-12 1454 14-15 1458							1+1401	25
30	0 -						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			30
	1									35
		CME CONTINUOUS AUGER SAMPLER STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE WATER TABLE (11ME OF BORING) LABORATORY TEST LOCATION PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY	PROJECT N NOVO O PROJECT N BORING NUI	il & Gas - UMBER	Hades	-	-	o Pro	duced \	Water Releas
3700	0 West Rol	ALTAMIRA plinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	DATE DRILLED DRILLING METHOD DRILLED BY LOGGED BY CHECKED BY	Direct F	rotech			0	22 Sael	Be

-		BORING RECO	ORD							4
EOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION					SAI	MPLE		REMARKS
	0-	N 32.33989 W - 104.04629		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVAL READING: SOIL: PE
		60-12) Roddigh Brown Smes. \$5111 Dry 10000 Intermittento frugaments	calical				00		XXXX	
	5 -						00		×	5
	10						00		X	(a) b (a) a
		(12-15) Calichie & for holdish Brown soil pry 10050					00		X	10
	15 —						0.0	1/4	X	15
	20	TD-15 86-5 Sample tours 5-1 1414 (2 1415		0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						20
2	25	23 /4/6 3-4 /4/7 5-6 /42/ 2-8 /422 2-10 /423					177			25
3	50	11-12 1435			**************************************				0-(1) ₁₋	30
3	5 —									35
		CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE — PENETROMETER (TONS/SQ. FT.)	PROJECT NA NOVO OI PROJECT NU BORING NUM	I & Gas - JMBER	Hades NVON	_		p Pro	duced	Water Relea
370	00 West Ro	DR Dbinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058	DATE DRILLED RILLING METHOD DRILLED BY LOGGED BY CHECKED BY	Direct I	Push/A	ir Rot	ng 6	Z Ning Ni	20	005

		BORING RECORD							
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SAN	IPLE T		REMARKS
UNII	(reei)	N 32. 33921 W - 104.04644	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVM READING: SOIL PPM AIR: PPM
	- -	5Ht Loose Pry				00		XXX	0 -
	5 —	16.25 -11.75) Reddish Brown fine sail forth Dry Hard Compacted 10050				60		X	5·- -
	10 —					0.0		X	10 -
	7	11:05 -15) finesand d'eatichie pry 100se 50me Culichie papoles 625-05	ν,			00		X	
	15 —	D-15BGS	(100 - 100 -	Fyza Golino		65	2	*	15 —
	20 -	5 tople times 0-1 083/ 1-2 0832 2-3 6833 3-4 0834							20
	25 —	5-6 0836 7-8 0837 9-16 0838 11-12 0841 14-15 0842							25 —
	30								30 ~
	35 —								35 -
		STANDARD PENETRATION TEST LABORATORY TEST LOCATION	Oil & Gas		des No		oop Pr	oduce	d Water Release
3	3700 West I	DATE DR DRILLING ME DRILLING M	THOD: Director BY: Er	virote		lling	S AWING PA	7	Bala

1		BORING RECO	ORD							
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION					SAI	MPLE		REMARKS
	0-	N 32.33931 W -104.04617	UNIFIED SOIL	CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	DEPTH	BACKGROUND OVM READING: SOIL: PPM AIR: PPM
	-	(6-75) Red Brows Freson & 5/7					000		XXXX	0 -
	5 —	(5.5-9.5) Dry compacted Fineson + 5.1+ some calichie 20.25' Red	1				00	1/2	X	5 -
	10 —	Fre sand & silf 10050 leddish B.	row	2			0.0		X	10 -
	15	(1225-15 Dry 10050 Reddish Bra		406		\	00		X	15 —
	20	TD-151B65								(4)
		6-1 1-114 12. 1415 2-7 1416								20
	25	3-4 1417 5-6 1420 7-8 1421 9-16 K122 11-12 1425								25 —
	30	1415 1427								30 -
	35									35 —
		CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION	PROJECT NAME NOVO OII & G PROJECT NUMBE	R	Hade:		-	p Pro	duced	Water Release
	=	WATER TABLE (24 HOURS) NR: NO RECOVERY B	DATE DRILLED:	4	3-	7/	7	2	2	
37	700 West Ro	obinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com		nvir	otech	Drilli	ng V	37 K	ecle Di:	72

		BORING RECO	ORD						
EOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SA	MPLE		REMARKS
	0	N 32.33866 W - 104.04629	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER			ОЕРТН	BACKGROUND OVM READING: SOIL: 0.0 PPM AIR: 0.0 PPM
	-	0-1) feeleligh Brown frosated of still Dry losse (1-12) Neclaral Brown from sand of s compacted easily creases	11			0.0		XXXX	0
	5 —					00		X	5
	10					00		X	10-
		Dry some peshles 20.25"				00,		×	111
	15 —	TD= 15'865				00	VIN .	1	15 -
	20 -	5-ple fres 0-11333 1-234 2-31335 3-41336					72.00		20
	25	5-6 1338 9-8 1339 9-10 1346 11-12							25 -
	30					,,,,,,,			30 -
;	35								35 -
		CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION P UNDISTURBED SAMPLE + PENETROMETER (TONS/SQ. FT.)	ROJECT NAME NOVO Oil & Gas ROJECT NUMBER DRING NUMBER	- Hade			op Pro	oduced	Water Release
37	00 West Ro	Obinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	DATE DRILLED: LLING METHOD: Direct DRILLED BY: Env LOGGED BY: CHECKED BY: DRAWN BY:	riretech	Air Ró	ing/	2 C	2	2

		ВО	RING RECORD							
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCR	IPTION				SAME	LE		REMARKS
	0	N 32.33871 W - 104.046		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	DEPTH	BACKGROUND OVM READING: SOIL: O O PPM ARE: (D.O PPM
	-	O 15th Roldish Brown	silty fine				00 0.0 0.0		XXXX	0
	5 —						0.0		X	5
	-		######################################	11111-1111			0.0		X	· · · · · · · · · · · · · · · · · · ·
	10 -					P con	0.0	4	X	10 -
	15	13 75-15) white callice truce for sand wellcon 0.5" pobbles 70-15'B6 5 sangle trucs	the loosedy man fed ozs-				0.0		X	15 -
	20	0-1 1640 1-2 1641 1-3 1642 2-4 1643 5-6 1649 7-8 1650						1-1		20
	25	9-16 165-1 11-12 1654 14-15 165-5				THE STATE OF				25 —
	30									30
	35	Dr. Hall		1						-
		CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME STANDARD PENETRATION TEST LABORATORY TEST UNDISTURBED SAMPLE — PENETROMETER (TO WATER TABLE (24 HOURS) NR: NO RECOVERY	LOCATION PROJECT I	Oil & Gas NUMBER	- Hades	-		Prod	luced	35 Water Release
37	700 West Rot	inson St., Suite 200 * Norman, Oklahoma 73072 * 405-701-5	DATE DRILLI DRILLING METHO DRILLED I LOGGED I CHECKED E DRAWN E	Direct BY: Env BY:	irotech		ary	3	22	63

		BORING REC	ORD							
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION					SAI	MPLE		REMARKS
	0-	N 32.33825 W - 104.04676		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OWN READING: SOIL: OO PPN ARR: OO PPN
	1	Soul & Silf Moist grass noother and compacted easily crumb	1/5				0.0		XXXX	
	5 —						0.0		d	5
	10 —	(8-5-9.78) Jan fre sand & si hoose pry A.15 - 15') calichie & Jun Sine sand pry 10050 50me calichie jebbles 20-25"	1+				00		X	10
	-	jud pry 10050 50me calichie					00		X	-
	15 —	70 = 15 B6s					0.0		X	15
	20	3 puple fines 0-1/22 1-2/223 23/224 3-4/225								20
	25	5-6 1228 9-8 1229 9-10 1230 11-12 1233 14-15 1234								25
	30									30
	35 —									35 -
		CME CONTINUOUS AUGER SAMPLER WATER TABLE (TIME OF BORINS) STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY	PROJECT NA NOVO OII PROJECT NU BORING NUM	l & Gas - JMBER	NVON		-	op Pro	duced	Water Release
37	700 West R	binson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	DATE DRILLED DRILLING METHOD DRILLED BY: LOGGED BY: CHECKED BY:	Direct	iretech		ng	OZ MING N	300	dele

CECLOS DEDIL	BORING R	ECORD									
GEOLOG. UNIT	DEPTH (FEET)	ШТ	HOLOGIC DESCRIPTION					SAN	IPLE T		REMARKS
	0	GROUND SURFACE:	32.33851		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVAL READING: SOIL: 0.0 PPM AIR: 0.0 PPM
	-	(0-2') mo frac sand t (2-145) pry H Siltof Frac sand	sit feddish Browns of Low plasts and Rodelsh Browns on Sentens on	illy			140-1	00 60 60	1911.1	XXXX	0
	5 —							00		X	5
	10 —					.,,		0.0		X	10
	15 —	(45 - 15) ca sul /0000 pm pobbles 20	lichice trace fi	٠				00	新	X	15
	20	TD=15' B		7							
		Solethes 0-1 1036 1-2 1037 2-3 1038							2000000		20
	25 —	3-4 1039 5-6 1043 7-8 1044 9-10 1848 11-12 1051		1111	-11-11-1						25
	30 —	14-15 1052									30
	35							_ !			35
		CME CONTINUOUS AUGER SAMPLER STANDARD PENETRATION TEST	WATER TABLE (TIME OF BORING) LABORATORY TEST LOCATION			- Hade	es Noi	rth Lo	op Pro	oduced	l Water Releas
	-	UNDISTURBED SAMPLE WATER TABLE (24 HOURS)	+ PENETROMETER (TONS/SQ. FT.) NR: NO RECOVERY	BORING		NVOI	VM22	02	1	_	
3	700 West R	ALTAN tobinson St., Suite 200 • Norman, Oklahoi www.altamira-us.com		DATE DR DRILLING ME DRILLE LOGGE CHECKE	THOD: Direct D BY: D BY: D BY:	virôtec		ing C	Some Ming M	3/8	2 (6)

GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SAI	MPLE		REMARKS
ONT	0-	N 32.33877 W - 104.04675	UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OWN READING: SOIL: O.D PP AIR: 0.D PP
	-	(0-2.79 Rodolish Brown 3, 1/4 for sond moist low plas thinky 2.75-11,757 Reddis Brown 5, 1/4 for sund Dry bos sono computed.	enses			6.6 6.6 0.6		XXX	(
	5 —					06		X	5
						0.0	1	X	
	10 —	(1.35 - 15) Dry Conce 1 1/2				0.0	Vi.	X	10
		11.75 - 15) Dry loose calichie Some upto 0-25 pebbles of calichie trace fine sand				00		X	
	15 —	TD=15-BG5				00	9/1	X	15
	20								20
	25	0-10958 120959 2-31000							25
		3-4 1061 5-6 1004 7-8 1005	-						
- 3	30	7-16/006 11-12 1011 14-18 1012							30
	35 —								35
		CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION UNDISTURBED SAMPLE — PENETROMETER (TONS/SQ. FT.)	PROJECT NAME NOVO Oil & Gas PROJECT NUMBER			-	p Pro	duced	
	=	WATER TABLE (24 HOURS) NR: NO RECOVERY	BORING NUMBER	B	-2	12	_		
370	00 West Ro	ALTAMIRA bbinson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	DATE DRILLED: DRILLING METHOD: DRILLED BY: En LOGGED BY: CHECKED BY:	virotech		ng	6 VING N	22	

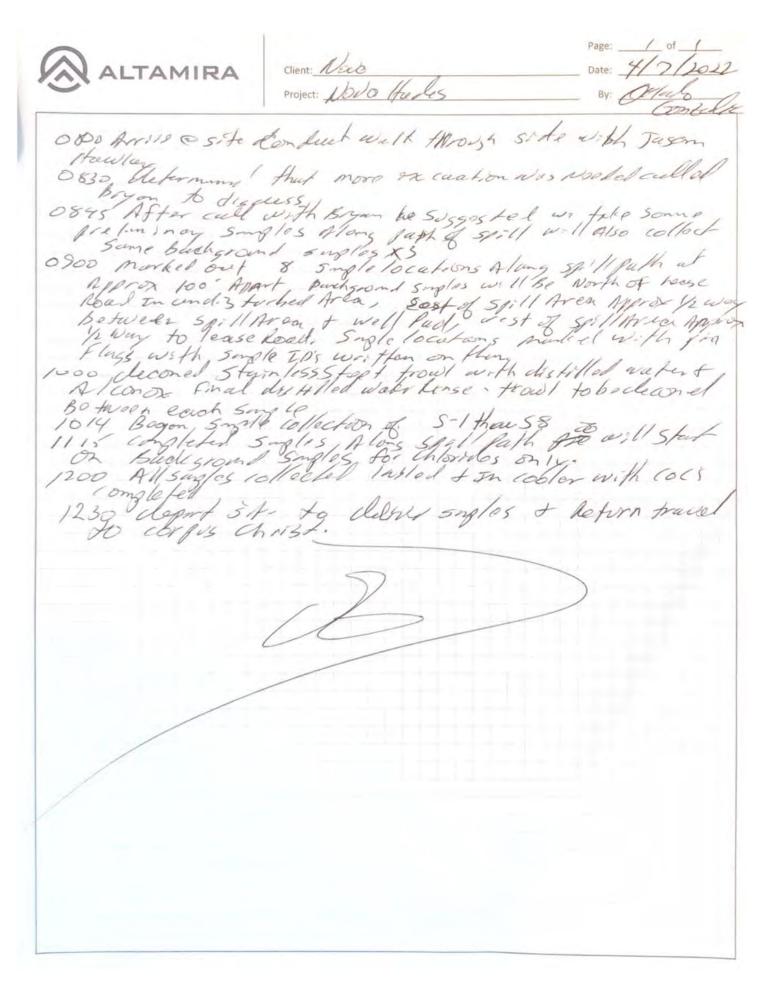
		BORING RE	CORD							
GEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION					SA	MPLE		REMARKS
	0-	N 32,33879 W -104.04686		UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER		RECOVERY	ОЕРТН	BACKGROUND OMI READING: SOIL: 0.0 pp AIR: 0.0 pp
	-	(0-3:75) ledling & Brown fine sans	1+				0.0	1/2	X	
	-	3.75-137 Redlish Brown fres SSTIT Pry hard congace feel 12 ensily crembles	nsos			100.0	6:	1000	X	
	- -	ensily crombles	* ~				0-0		X	5
	-						00	4	X	
	10 —				ne-	==	00		X	10
	-	(13-14.5) Hatel very wall (comental co Nock UP to 1" (45-15) Dry loose caliston from Soud with pebbles up to 0.25"	alichie				00			
	15 —	Soud with pesbles up to 0.25"	~ 57/Me					70	X	15
		TD-15'BGS						- 1		
	20 -	9-10919								20
	25	2-3 092/ 3-4 0912								ne produce and a pr
	-	5-6 0925 7-8 0926 9-12 0927				rizor v				25
	30	11-12 09 33								
	=								THE THE	30 -
	35		1							or (Ultrape) (UU)
		CME CONTINUOUS AUGER SAMPLER ————————————————————————————————————	PROJECT NOVO PROJECT	Oil & Gas	- Hade	s Nor	th Lo	op Pro	oduced	Water Releas
	=	UNDISTURBED SAMPLE PENETROMETER (TOMS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY	BORING N		NVON B-	M220	3			
27	700 West D	ALTAMIRA	DATE DRILL DRILLING METH- DRILLED LOGGED	BY: Direct	Push/A	Drilli	tary	52	2	02
3/	JU WEST KI	obinson St., Suite 200 Norman, Oklahoma 73072 405-701-5058 www.altamira-us.com	CHECKED	BY:		_	DRA	WING N	10.:	1

		BORING REC	ORD							
SEOLOG. UNIT	DEPTH (FEET)	LITHOLOGIC DESCRIPTION				SAMPLE				REMARKS
		N 32.33874 GROUND SURFACE: W - 104.04672	UNIFIED SOIL	CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OVM READING: SOIL: Q.D PF AIR: Q.D PF
	5	(6-1) Rodrish TAN frige sa JS: It loose Dry (1-12) Reddish Brown Silty fine Loose Dry	soul				60		XXXX	
		A					60		X	5
	10 —						00		X	10
	-	(12.5-15) white calichie Dry 160 Some calichie plabbles & 0.25" Some fre sand	5-5				0.6		X	
	15	Jone fre said 5 mg/e force 6-1 1610					00	4	X	15
	20	1-2 /6 // 2-3 /6/2 3-4 /6/3 5-6 /6/5 7-8 /6/6								20
	25	9-10 1618 11-12 1622 14-15 1623			1200					25
3	50									30
	55									35
	CME CONTINUOUS AUGER SAMPLER — WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST UNDISTURBED SAMPLE — PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) PROJECT NAME NOVO Oil & Gas - Hades North Loop Produ PROJECT NUMBER NVONM2202 BORING NUMBER						duced			
370	00 West Ro	binson St., Suite 200 • Norman, Oklahoma 73072 • 405-701-5058 www.altamira-us.com	DATE DRILLED: DRILLING METHOD: DIT DRILLED BY: LOGGED BY: CHECKED BY: DRAWN BY:	ect P Envir	otech	Drilli	80	S 2	1	6z

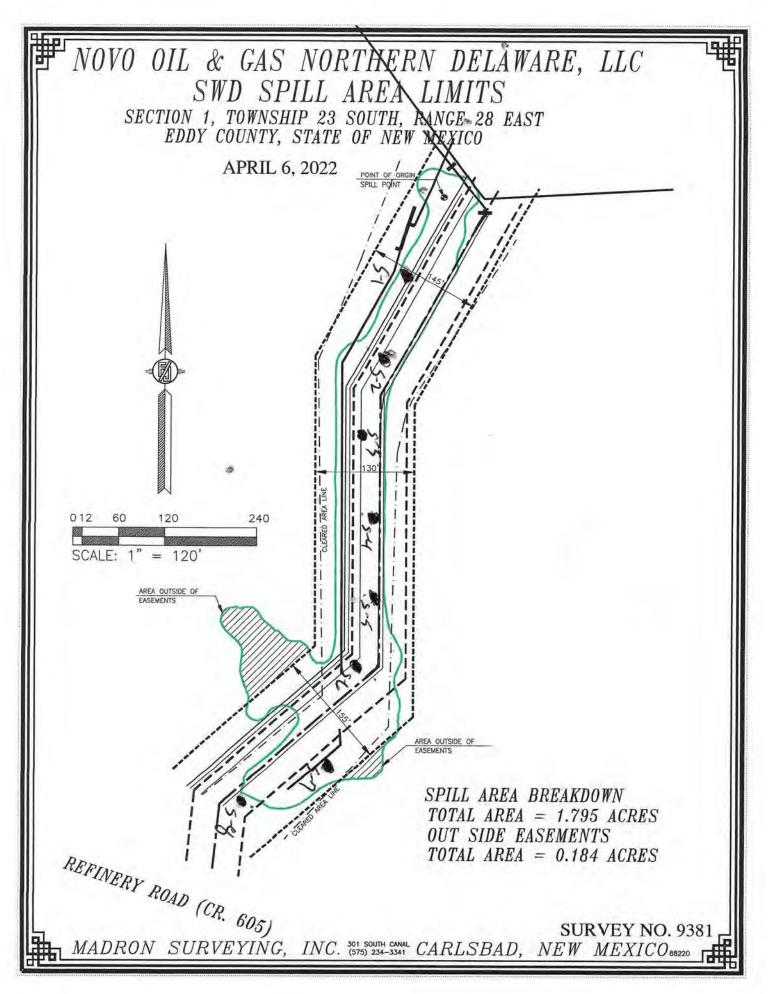
					BOI	RING F	RECO	RD							
EOLOG. DEF	PTH EET)	LITHOLOGIC DESCRIPTION									SAMPLE				REMARKS
	GROUND	N 3 SURFACE:	104	4.0	4ble1	====			UNIFIED SOIL CLASSIFICATION	GRAPHIC LOG	NUMBER	OVM READING	RECOVERY	ОЕРТН	BACKGROUND OWN READING: SOIL: O.O. P. AIR: 12.0 P.
	10	-3.5) Dry Brown			401-						oli —i	0.0		XXX	
5	- B.5	Y company	ddis	ih s	easily	fre s	nsles	:71				00		2	5
					-1111	e se upcu						00		X	
10												00		K	10
	13.7	5-15)	C	ali	c his	1 C.						28		X	***************************************
15	_ w	5-15) ite on	100	ose	5.0.7	0.71%						0-0	4	X	15
20		T) Engle tons -/ 1146 -/ 1147	, man -	H-11-11-11-11-11-11-11-11-11-11-11-11-11											20
25	3-1	8 1152 10 1153 12 1156	/	100 11		7	TOTAL STATE								25
30					***************************************		***************************************							- 54441-4	30
35 -	1		10-70		71. — 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41 41	HI SH	T								35
CME CONTINUOUS AUGER SAMPLER WATER TABLE (TIME OF BORING) STANDARD PENETRATION TEST LABORATORY TEST LOCATION							PROJECT NAME NOVO Oil & Gas - Hades North Loop Produced Water Rele								
UNDISTURBED SAMPLE + PENETROMETER (TONS/SQ. FT.) WATER TABLE (24 HOURS) NR: NO RECOVERY PROJECT NUMBER NVONM2202 BORING NUMBER 3 - 2 5															
3700 W	est Robinson St.,	Suite 200 = Norman, Oi	Oklahoma			058	DRILL	LOGGED I	Direct SY: Env	Push// viretech		ing/	20 Ming N	22	Ta CK

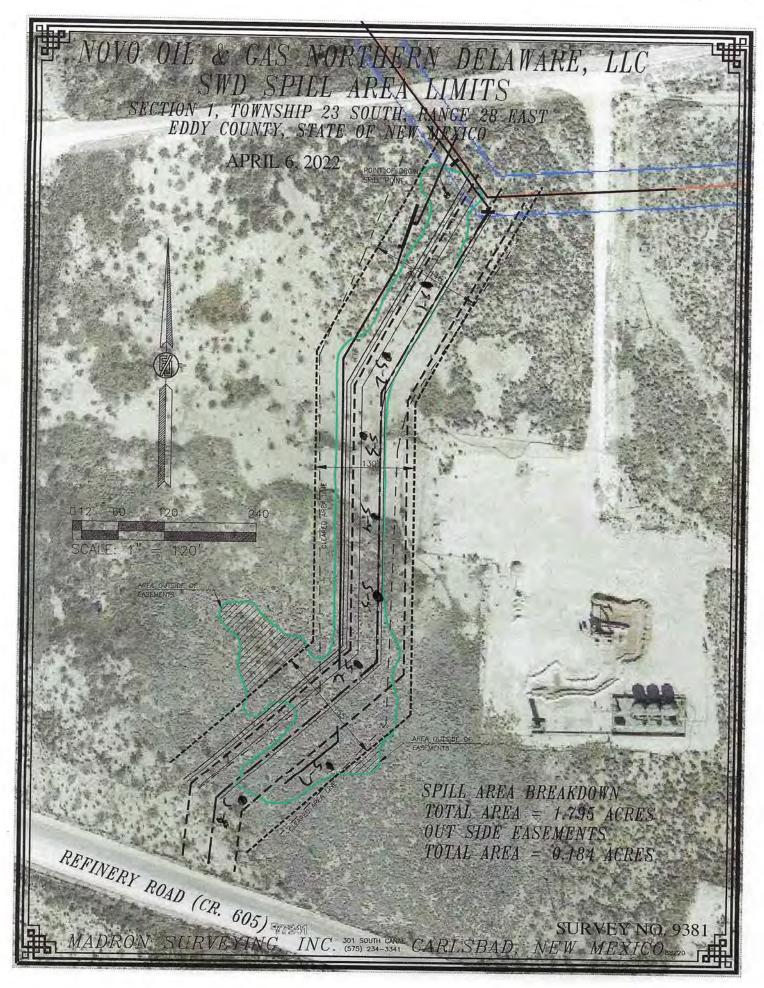


APPENDIX E Field Documentation



Received	by OCD: 7/26/2022 9:02:07 AM	Client: 1000 Page 101 of 39 Project: 4/7/2022 By: 101
-	Leas I	100 au
Remary Roall		St. S.
	20	
		Not to scale
	42 / 12 / 12 / 12 / 12 / 12 / 12 / 12 /	





Received by OCD: 7/26/2022 9:02:07 AM / 25/2022 Page 104 of 391 Oses deport for site to meet of with drillers of Inolocat personell 10 cotons with Bryon. Prillers In sparting beoprobeled 0907 Short 513-2 10cafan 0937 @ SB 3 to Bogin Boring 1033 @ SB-4 to Begin Boxing tot Broat to Jos 1107 @ 5B'S to Begin Boring 1151 @ 5B-6 To Bogen Boring all pare holos are played upon completion with Bentonito (hips & hydratered

1216 Borons @ SB-6 (omploked & plugger pro Ilors to take lung

Break while brimbe Toes supples 129 souples from SB-6 Juiled Orland to take go CA Brook to eat 1240 Mored Rig to SB-7 to confino with soil Borrings 1333 (2 SB-8 to start Boring 14/8 @ SB-9 to Stort Borny to 15 B65 1512 doic @ SB-9 moved to SB-10 to Start Borns 1601 @ 5B-24 to sert poring 1628 @ 5B-19 to Start Boring 1659 congloted SB-19 loading up Geoprobe to deput 5 The Singles In cooler with The All Sigle Slooves huis BORN pichod up All trush has Boom piched up & Brigged 1715 Head of off site -Released to Imaging: 12/7/2022 3:41:22 PM

Received by OCD: 7/26/2022 9:02:07 AM 1/26/2022 Hades Nothing 2 Bage 105 of 391. O Toolepart for ste vood to stop & get codor for suglos mous trules + Geoprobe tosB-11 to Stunloged & solope 5755 Chlore to collect Ges (cordnuts from provious pains While driller propling. 0-5 ton 0931 Begin @ SB-1 0931 Degin (SB-1 Songles In cooler Movin to SB-K)
5B-11 w: 1/ be addonced to 51'Bas or Sby It waster encountered 1020's witching out to flight Augers to Advance to 51 or shellow Is weeter encountered.

1126 congloted 56-11 Boring Advanced to 51' BGS.

No weeter encountered pore holo will be plugged with

Ben bnite things that will Be hydrated

1147 B-11 plugged Hydrated Benton, toch 15 to 3' BGS. 150 lunch Brook 1270 End funch break move beafrable to SB-13 1322 (ongleted SB-13 Starting SB-12 Boing 1468 completed SB-12 would & set up to SB-15 1451 completed SB-15. Billes to look Geophie Olaylo to prop Soglas to Kelo to 1523 (xoprobo Cooled heading off 5. for Orling Released to Imaging: 12/7/2022 3:41:22 PM Rete in the Rain.

Page 106 of 391 Received by OCD: 7/26/2022 9:02:07 AM 4/27/2022 How Hales North loop 0726 depart Forsto 0754 Arrive 6 location drillers ons the conducted first got emeding ealibrated PED Begin Boring to 15' BGS 0834 Confleted SB-16 hoved to 58-23 09 50 @ 5B-22 to Begin Borng 1029 50 top @ 5B21 To Bagin Born 1120 moved beopped to 5B-25 location set ip. Tahmy 15 mm Brack 1135 @ BB-15 to Sport Poring 12/2 @ 5B. 20 ToBogin Borns 1248 completed SB-20 will take with Brouk Bofore mousing to SB-18 1224 lunch break love nove scoprobo to 55.18 00 Bogin Borres 1329 @ SB-18 to Bogin Boxing 1905 @ 5B-17 to Begin pormy 1503 completed All Borns locations photosof ouch / occepion of BPS coordinates of occap Also collected all songles por cooler with The 1510 defart STRE



Client: NOUS

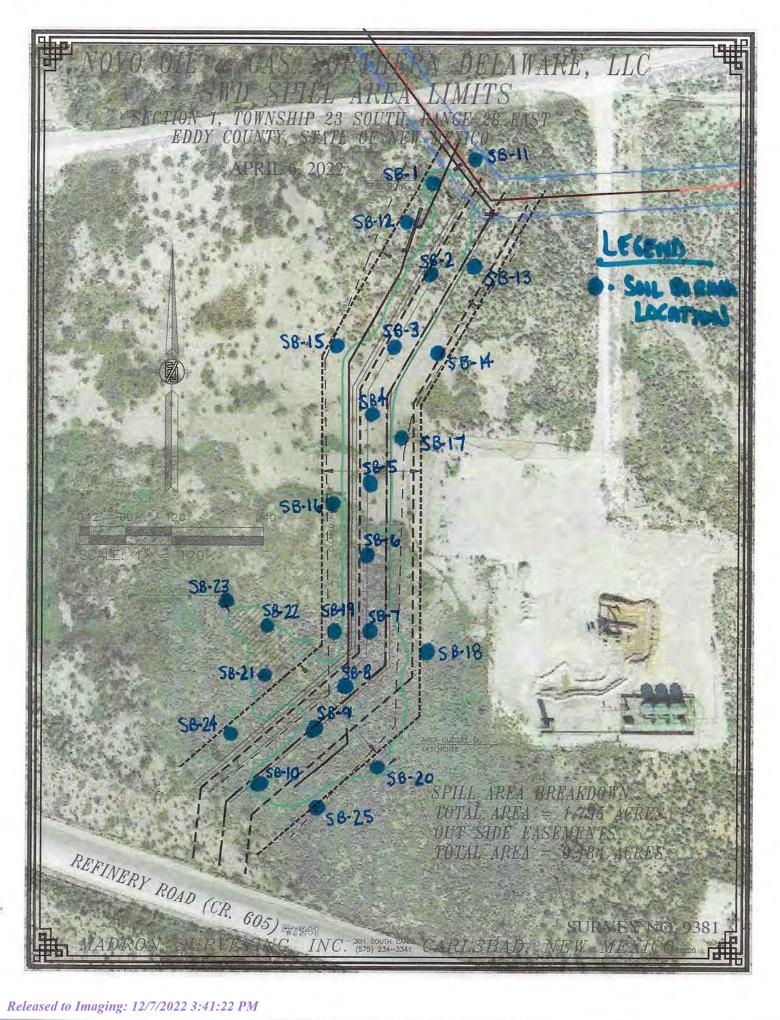
Project: Hades North Logs

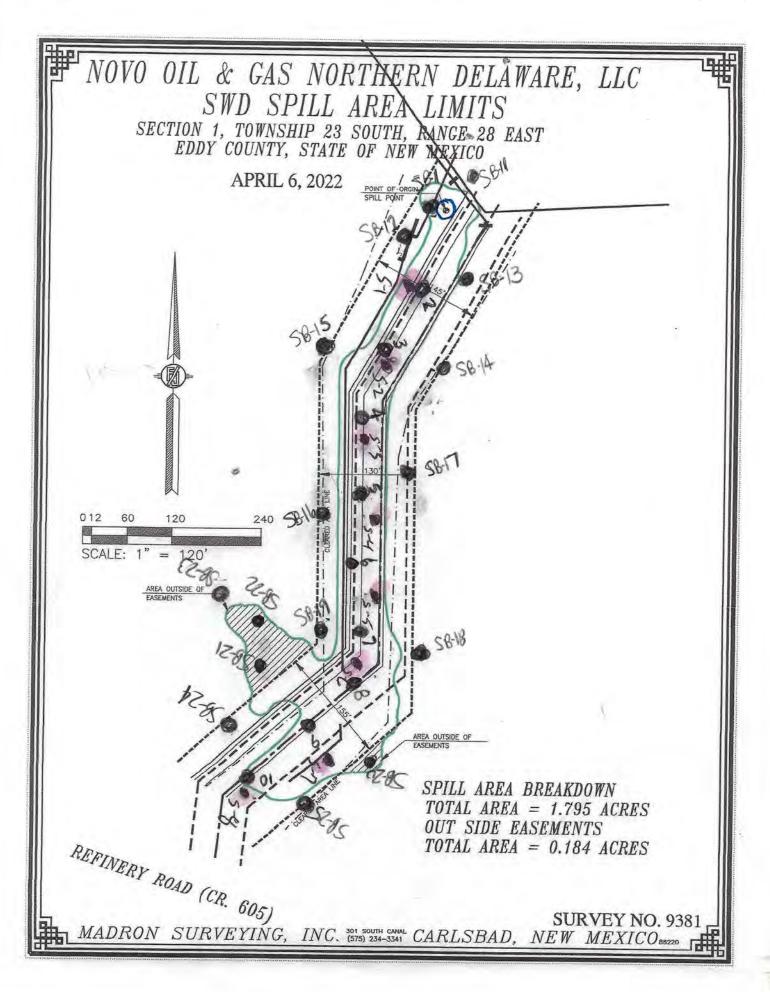
Page 107 of 391

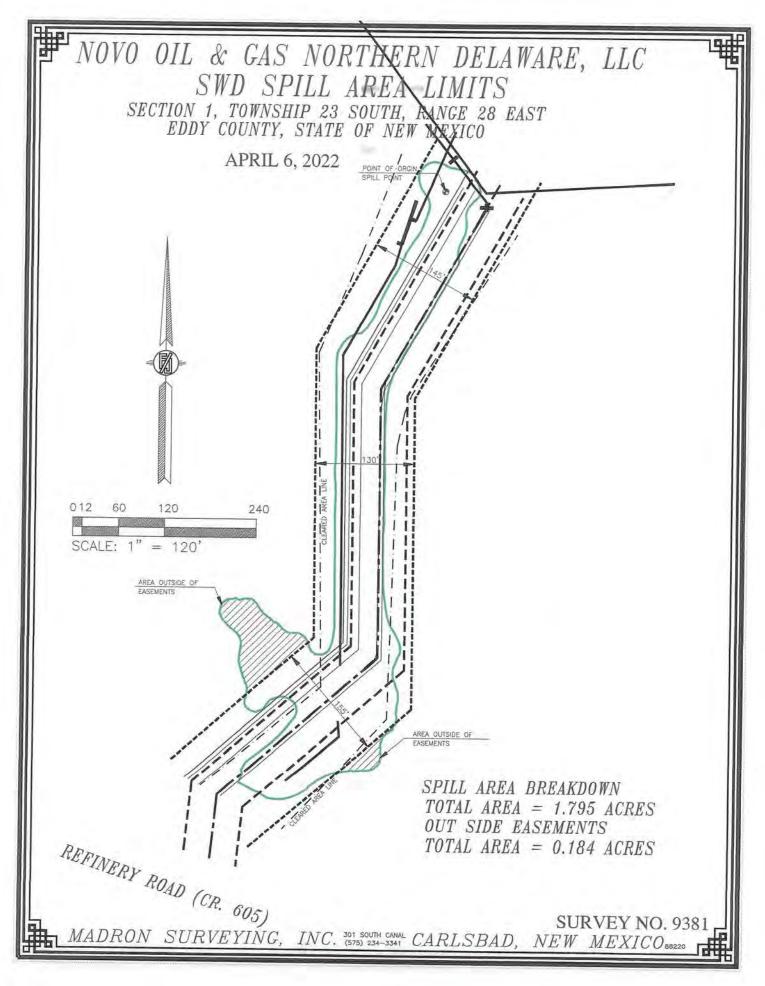
Date: 2/25/2022

		111	1	
0	/1	16	-	_
BV:	/	- 6	-	

North	west	
53-2 32.34001	-104.04601	
50-3 52.33983	-104.04615	
5B-4 3L.33958	-104.104615 04628	
58-5 32.33929	-104.04628	
18-6 32.33902	-104,04637	
50-7 32.53869	-104.04633	
56-8 32.33847	-104.04632	
56-9 32.33924	-104.04655	
58-10 32.33814	-164.04674	
513-24 32.33826	-104,046 72	
58-19 32.33 871	-104.04643	
SB-11 3234647 SB-1 32.34631	-104.645 76	
5B-1 3L. 34031	-104-04586	
5B-12 32.34028 3B-15 32.33989	-104.04597	
38-13 32. 33987	-104.04629	
5B-16 31.33927 5B-21 32.33851	-104.04644	
10-13 32.37.051	-104.046 72	
56-23 32,33877	-104.04686	
SB22 32.33872	-104.046.75	
58-25 32.338/4	-104.04661	
58-20 32. 33 825 58-18 32. 33866	-104.04626	
50 10 50 500	104.04629	
SB-19 32.339 39	-104-04617	
50.13 21 2116/12	-104.04602	
SB-13 32.346/3	-104.645-87	









APPENDIX F Plugging Report

FILE NO.

LOCATION

PAGE 1 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	OSE POD NO. (W)		VELL TAG ID NO	Э.		100,000,000	LE NO(S	D-			
ION	C-4609-POD			S	B-11			C-460	9				
OCAT	WELL OWNER I Novo Oil & C	and the second s	thern Delaware, LI	LC				PHONE 405-28	: (ортіс 86-391				
1. GENERAL AND WELL LOCATION	WELL OWNER I 1001 W. Wils		ADDRESS vd., Suite 206					Oklah	oma C	ity	STAT	73116	ZIP
AND	WELL LOCATION			EGREES 32	MINUTES 20	SECOND 26.14		* ACCI	URACY	REQUIRED: ONE TEN	TH OF A	SECOND	
ERAI	(FROM GPS)	100	NGITUDE	104	02	44.11		10000		UIRED: WGS 84			
1. GE	The state of the s		g well location to 8E, Sec 1 (area no				RKS – PLS	SS (SECTIO	ON, TOV	VNSHJIP, RANGE) WI	IERE AV	AILABLE	
	LICENSE NO. NM-175	7	NAME OF LICENSED		vid Draybuc	k		-		NAME OF WELL DR		COMPANY illing Services	
	DRILLING STAF 4/26/202		DRILLING ENDED 4/26/2022	Well not insta			BORE HO	LE DEPTI 51	I (FT)	DEPTH WATER FIR	ST ENC		
NO	COMPLETED W	ELL IS:	ARTESIAN	DRY HOLE	SHALL	OW (UNCON	STATIC			WATER LEVEL PLETED WELL D	RY	DATE STATIC DR	
TIC	DRILLING FLUI):	₩ AIR	☐ MUD	ADDITI	VES - SPECII	FY:			- V			
RM	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER—SPECIFY: CHECK HERE IF PITLESS ADAPTER IS INSTALLED											PTER IS	
2. DRILLING & CASING INFORMATION	DEPTH (feet bgl) FROM TO DIAM (inches)		(include each casing string, and		CASING CONNECTION TYPE (add coupling diameter)			CASING INSIDE DIAM. (inches)	200	SING WALL HCKNESS (inches)	SLOT SIZE (inches)		
ING &													
DRILI													
7													
Į.													
1	DEPTH (fee	77.7	BORE HOLE DIAM. (inches)	100 100 100 100 100 100 100 100 100 100	ANNULAR S					AMOUNT (cubic feet)		METHO PLACEN	
RIA	FROM 0	TO 51	~5 inches		tland Type 1 v				-	~6.8		pump mix a	
3. ANNULAR MATERIAL	U	31	~5 mones	Pol	dand Type I V	viui 376 Deni	omie gr	out		~0.8		pump mix ai	id tremie
RM													
ULA													
N													
3.									- 1				

POD NO.

TRN NO.

WELL TAG ID NO.

DEPTH (feet bgl)

ESTIMATED YIELD FOR

WATER

SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THE CORRECT RECORD OF THE ABOVE DESCRIAND THE PERMIT HOLDER WITHIN 30 DAY	BED HOLE AND THAT HE OR SI	IE WILL FILE TH	IS WELL RECORD WI	REGOING IS A TRUE ANI TH THE STATE ENGINEER
9	SIGNATURE OF DRILLER / F	PRINT SIGNEE NAME			DATE
FO	OR OSE INTERNAL USE		W	VR-20 WELL RECORD	& LOG (Version 01/28/2022
-	LE NO.	POD NO.	T	RN NO.	
FIL					

	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE (attach supplemental sheets to fully describe all units)	ZONES 1	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)				
	0	6.5	6.5	reddish brown sand and silt, dry		Y VN					
	6.5	12	5.5	tan fine grained sand and silt, dry		Y VN					
	12	35	23	tan fine grained sand with rock, dry		Y VN					
	35	48	13	tan-brown fine grained sand and silt with rock, dry		Y VN					
	48	51	3	greenish-brown clay, dry		YVN					
T						Y N	1.				
WE						Y N					
OF						Y N					
100						Y N					
CIC						Y N					
OTO						Y N					
GEC						Y N					
DRO					700	Y N					
4. HYDROGEOLOGIC LOG OF WELL						Y N					
4				Name of the second		Y N					
						Y N					
						Y N					
						Y N					
						Y N					
						Y N					
						Y N					
	METHOD US			OF WATER-BEARING STRATA: BAILER OTHER – SPECIFY; NA DRY		ESTIMATED TELD (gpm):	0				
NO	WELL TEST	TEST	RESULTS - ATTA T TIME, END TIM	.CH A COPY OF DATA COLLECTED DURING WELL TESTIN IE, AND A TABLE SHOWING DISCHARGE AND DRAWDOW	G, INCLUDING I	DISCHARGE	METHOD, DD.				
5. TEST; RIG SUPERVISION	MISCELLANEOUS INFORMATION: Soil boring was installed to determine if groundwater was present at 51 feet bgs. A well was not installed. The borehole was dry										
5. TEST;	PRINT NAME		RILL RIG SUPERV	VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELI	L CONSTRUCTIO	ON OTHER T	HAN LICENSEE:				
6. SIGNATURE	CORRECT RI	CORD O	F THE ABOVE DI	ES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS W DAYS AFTER COMPLETION OF WELL DRILLING:	D BELIEF, THE I	FOREGOING I	IS A TRUE AND ATE ENGINEER				
6. SIGN	1		n E	mylub	5-	20-2	2				
		SIGNAT	URE OF DRILLER	/ PRINC SIGNEE NAME		DATE					

COLOR AND TYPE OF MATERIAL ENCOUNTERED -



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

Well	owner: Novo Oil & Gas No	rthern Delaware,	LLC			Phone	No.: 405	-286-3916	
Maili	ng address: 1001 W. Wilsh	ire Blvd., Suite 20	6			- V - V			
City:	Oklahoma City		State:		Okl	ahoma		_ Zip code	73116
					8				
II. V	VELL PLUGGING INFOI Name of well drilling co		zed well:	Envirotech	Drilling	Services			
2)	New Mexico Well Drille							tion Date: _	1/31/2024
3)	Well plugging activities David Draybuck	were supervised	by the follo	owing wel	l driller	(s)/rig su	pervisor(s):	
4)	Date well plugging bega	n: 4/26/2022		_ Date	well plu	igging co	oncluded:	4/26/2022	1
5)	GPS Well Location:	Latitude: Longitude:	32 104	_deg, _deg,	20 02	min, min,	26.14 44.11	_sec _sec, WGS	84
6)	Depth of well confirmed by the following manner		lugging as:	51	ft be	low grou	nd level (ogl),	
7)	Static water level measu	red at initiation o	f plugging:	DRY	ft bg	şl			
8)	Date well plugging plan	of operations wa	s approved	by the Sta	ate Engi	neer:	1/15/2022	4	
9)	Were all plugging activi differences between the						YES (attach ac		please describ es as needed):
Not A	Applicable								

Version: September 8, 2009 Page 1 of 2

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging <u>Material Used</u> (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-51' - Portland Cement with Bentonite Grout	47 gallons	47 gallons	pump mix with tremie pipe	Dry hole, no well set, soil boring only
Little		MULTIPLY	BY AND OBTAIN		

MULTIPLY BY AND OBTAIN cubic feet x 7.4805 = gallons cubic yards x 201.97 = gallons

III. SIGNATURE:

I, David Dearbuck, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

Date

Version: September 8, 2009 Page 2 of 2



APPENDIX H Waste Documentation



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

> Bill To NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Suite 206 Oklahoma City, OK 73116

Invoice

Date: Invoice #: 4/18/2022 C237776

Terms: Generator: Due Upon Receipt

NOVO OIL & GAS NORTHERN DELA

Lease:

HADES NORTH LOOP

Well:

Rig:

NON-DRILLING

PO: Memo:

Item	Qty	Desc	Price	Amount	Ticket	Date	Manifest#	3rd Party #	Co. Man	Trucking Co
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292082	4/8/2022	525614	•	BRIAN HANEY	FULTONS OILFIELD
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292083	4/8/2022	8005103		361-658-3126 BRYAN HANEY	PITCHFORK DIRT & RENTAL LLC
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292088	4/8/2022	8005102		361-658-3126 BRYAN HANEY	PITCHFORK DIRT
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292103	4/8/2022	8005114		361-658-3126 BRYAN	PITCHFORK DIRT
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292104	4/8/2022	8005113		BRYAN	& RENTAL LLC RICO & SONS
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292107	4/8/2022	8005110		HANEY BRYAN HANEY	TRUCKING RICO & SONS TRUCKING
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292111	4/8/2022	8005112		BRYAN HANEY	RICO & SONS TRUCKING
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292138	4/8/2022	8005119		BRYAN HANEY	PITCHFORK DIRT & RENTAL LLC
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292140	4/8/2022	8005115		BRYAN HANEY	FULTONS OILFIELD
Contaminated Soil (RCRA Exempt)	20.00		\$22.00	\$440.00	1292148	4/8/2022	8005117		BRYAN	PITCHFORK DIRT



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241

Invoice

Date: 4/18/2022 Invoice #: C237776

Terms: Due Upon Receipt

Generator: NOVO OIL & GAS NORTHERN DELA

Lease: HADES NORTH LOOP

Well:

Rig: NON-DRILLING

PO: Memo:

Bill To NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Suite 206 Oklahoma City, OK 73116

Contaminated Soil (RCRA Exempt)	20.00	\$22.00	\$440.00 1292189	4/8/2022	8005111	BRYAN	RICO & SONS
Contaminated Soil (RCRA	20.00	200.00	#110.00 1000100	-1616565		HANEY	TRUCKING
Exempt)	20.00	\$22,00	\$440.00 1292190	4/8/2022	8005120	BRYAN	RICO & SONS
Contaminated Soil (RCRA	20.00	800.00	61/6 65 / 686/6/	rocossa	*******	HANEY	TRUCKING
Exempt)	20.00	\$22.00	\$440.00 1292191	4/8/2022	8005121	BRYAN	RICO & SONS
Contaminated Soil (RCRA	20.00			Calebra		HANEY	TRUCKING
	20.00	\$22.00	\$440.00 1292192	4/8/2022	8005109	BRYAN	RICO & SONS
Exempt)			1000			HANEY	TRUCKING
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292224	4/8/2022	8005125	BRYAN	PITCHFORK DIRT
Exempt)						HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292225 4	4/8/2022	8005123	BRYAN	PITCHFORK DIRT
Exempt)	- Constitution of the Cons					HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292296	1/8/2022	8005126	BRYAN	PITCHFORK DIRT
Exempt)						HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292298 4	1/8/2022	8005124	BRYAN	FULTONS
Exempt)					0.000 4 4 4 5 5	HANEY	OILFIELD
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292305 4	1/8/2022	8005129	BRYAN	RICO & SONS
Exempt)		10,000			0000120		TRUCKING
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292306 4	(/B/2022	8005130	HANEY	
Exempt)		100.00	0110.00 1202000 4	II GIZUZZ	0003130	BRYAN	RICO & SONS
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292309 4	loloooo	6005100	HANEY	TRUCKING
Exempt)	20.00	\$22.00	\$440.00 1292309 4	1012022	8005122	BRYAN	PITCHFORK DIRT
Contaminated Soil (RCRA	20.00	800.00	6110 00 1000021	7010000	*****	HANEY	& RENTAL LLC
Exempt)	20.00	\$22.00	\$440.00 1292314 4	18/2022	8005128	BRYAN	PITCHFORK DIRT
Contaminated Soil (RCRA	20.00	*****				HANEY	& RENTAL LLC
	20.00	\$22.00	\$440.00 1292315 4	/8/2022	8005127	BRYAN	RICO & SONS
Exempt)		-				HANEY	TRUCKING
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292362 4	/8/2022	8005135	BRYAN	PITCHFORK DIRT
Exempt)						HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292366 4	/8/2022	8005134	BRYAN	PITCHFORK DIRT
Exempt)	-					HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292371 4	/8/2022	8005133	BRYAN	PITCHFORK DIRT
Exempt)	All the second					HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292373 4	/8/2022	8005132	BRYAN	PITCHFORK DIRT
Exempt)						HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292378 4	/8/2022	8005131	BRYAN	PITCHFORK DIRT
Exempt)		3 36.75	Accesses and access		2000101		& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292383 4	/8/2022	8005108	HANEY	
Exempt)		300.00	4 7 10.00 1E0E000 1	TOLLUZZ	0000100	BRYAN	PITCHFORK DIRT
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292384 4	/8/2022	8005107	HANEY	& RENTAL LLC
Exempt)		J22.00	\$440.00 1252304 4	1012022	6000107	BRYAN	PITCHFORK DIRT
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292502 4	1616666	NANELS:	HANEY	& RENTAL LLC
Exempt)	20.00	\$22.00	\$440.00 1292502 4	/9/2022	8005104	BRYAN	RICO & SONS
Contaminated Soil (RCRA	20.00	****	X11X XX 1XXXVX			HANEY	TRUCKING
Exempt)	20.00	\$22.00	\$440.00 1292506 4	/9/2022	8005118	BRYAN	PITCHFORK DIRT
	22.22					HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292507 4	/9/2022	8005106	BRYAN	PITCHFORK DIRT
Exempt)						HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292513 4	/9/2022	8005136	BRYAN	Castillos Trucking
exempt)						HANEY	
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292516 4	/9/2022	8005137	BRYAN	PITCHFORK DIRT
Exempt)						HANEY	& RENTAL LLC
Contaminated Soil (RCRA	20.00	\$22.00	\$440.00 1292518 4	/9/2022	8005138	BRYAN	PITCHFORK DIRT
xempt)							THE WILL WILL WILL



R360 Environmental Solutions, LLC Permian Basin Region

P.O. Box 3452 Hobbs, NM 88241 Invoice

4/18/2022 C237776

Terms: Generator: Due Upon Receipt

NOVO OIL & GAS NORTHERN DELA

Lease:

Invoice #:

HADES NORTH LOOP

Well:

Date:

Rig:

NON-DRILLING

PO: Memo:

Bill To NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Suite 206 Oklahoma City, OK 73116

20.00	\$22.00	\$440.00 1292522	4/9/2022	8005139	BRYAN	RICO & SONS
20.00	600.00	\$440.00 4000500	1/0/0000	5005170		TRUCKING
20.00	322.UU	9440.00 TZ9Z5Z3	4/9/2022	6005140	(= 43,04,031	PITCHFORK DIRT
20.00	622.00	6440 00 1000E18	4/0/0000	866F116		& RENTAL LLC
20.00	\$22.00	P440.00 1292546	4/9/2022	8005149		RICO & SONS
20.00	692.00	6440 00 4000555	17070000	0005370		TRUCKING
20.00	\$22.00	\$440.00 1292550	4/9/2022	8005148		PITCHFORK DIRT
20.00	633.00	8440.00 4000550	4/8/9899	0005449		& RENTAL LLC
20.00	\$22.00	\$440,00 T292552	4/9/2022	800514/		PITCHFORK DIRT
20.00	600.00	6110 00 1000PPS	11616666	0005150		& RENTAL LLC
20.00	\$22.00	\$440.00 1292557	4/9/2022	8005150		RICO & SONS
20.00	800.68	****	100000	********		TRUCKING
20.00	\$22.00	\$440,00 1292561	4/9/2022	8005146		PITCHFORK DIRT
20.00	200.00				HANEY	& RENTAL LLC
20.00	\$22.00	\$440.00 1292564	4/9/2022	8005145		FULTONS
20.00	100.11				HANEY	OILFIELD
20.00	\$22.00	\$440.00 1292567	4/9/2022	8005153	BRYAN	PITCHFORK DIRT
****				Section 1	HANEY	& RENTAL LLC
20.00	\$22.00	\$440.00 1292572	4/9/2022	8005142	BRYAN	RICO & SONS
			and the same		HANEY	TRUCKING
20,00	\$22.00	\$440.00 1292588	4/9/2022	8005154	BRYAN	RICO & SONS
					HANEY	TRUCKING
20.00	\$22.00	\$440.00 1292590	4/9/2022	8005156	BRYAN	PITCHFORK DIRT
	- X				HANEY	& RENTAL LLC
20,00	\$22.00	\$440.00 1292591	4/9/2022	8005157	BRYAN	PITCHFORK DIRT
				- North Cold	HANEY	& RENTAL LLC
20.00	\$22.00	\$440.00 1292599	4/9/2022	8005162	BRYAN	PITCHFORK DIRT
		Janes Charles			HANEY	& RENTAL LLC
20.00	\$22.00	\$440.00 1292600	4/9/2022	8005161	BRYAN	RICO & SONS
					HANEY	TRUCKING
20.00	\$22.00	\$440.00 1292602	4/9/2022	8005160	BRYAN	PITCHFORK DIRT
						& RENTAL LLC
20.00	\$22.00	\$440.00 1292604	4/9/2022	8005159		RICO & SONS
						TRUCKING
20.00	\$22.00	\$440.00 1292608	4/9/2022	8005158		PITCHFORK DIRT
					HANEY	& RENTAL LLC
	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00 20.00 \$22.00	20.00 \$22.00 \$440.00 1292523 20.00 \$22.00 \$440.00 1292546 20.00 \$22.00 \$440.00 1292550 20.00 \$22.00 \$440.00 1292552 20.00 \$22.00 \$440.00 1292557 20.00 \$22.00 \$440.00 1292561 20.00 \$22.00 \$440.00 1292564 20.00 \$22.00 \$440.00 1292567 20.00 \$22.00 \$440.00 1292588 20.00 \$22.00 \$440.00 1292588 20.00 \$22.00 \$440.00 1292590 20.00 \$22.00 \$440.00 1292591 20.00 \$22.00 \$440.00 1292599 20.00 \$22.00 \$440.00 1292600 20.00 \$22.00 \$440.00 1292600 20.00 \$22.00 \$440.00 1292602	20.00 \$22.00 \$440.00 1292523 4/9/2022 20.00 \$22.00 \$440.00 1292546 4/9/2022 20.00 \$22.00 \$440.00 1292550 4/9/2022 20.00 \$22.00 \$440.00 1292552 4/9/2022 20.00 \$22.00 \$440.00 1292557 4/9/2022 20.00 \$22.00 \$440.00 1292561 4/9/2022 20.00 \$22.00 \$440.00 1292564 4/9/2022 20.00 \$22.00 \$440.00 1292567 4/9/2022 20.00 \$22.00 \$440.00 1292588 4/9/2022 20.00 \$22.00 \$440.00 1292588 4/9/2022 20.00 \$22.00 \$440.00 1292591 4/9/2022 20.00 \$22.00 \$440.00 1292591 4/9/2022 20.00 \$22.00 \$440.00 1292599 4/9/2022 20.00 \$22.00 \$440.00 1292600 4/9/2022 20.00 \$22.00 \$440.00 1292602 4/9/2022 20.00 \$22.00	20.00 \$22.00 \$440.00 1292523 4/9/2022 8005140 20.00 \$22.00 \$440.00 1292546 4/9/2022 8005149 20.00 \$22.00 \$440.00 1292550 4/9/2022 8005148 20.00 \$22.00 \$440.00 1292552 4/9/2022 8005147 20.00 \$22.00 \$440.00 1292557 4/9/2022 8005150 20.00 \$22.00 \$440.00 1292561 4/9/2022 8005146 20.00 \$22.00 \$440.00 1292564 4/9/2022 8005145 20.00 \$22.00 \$440.00 1292567 4/9/2022 8005153 20.00 \$22.00 \$440.00 1292572 4/9/2022 8005154 20.00 \$22.00 \$440.00 1292588 4/9/2022 8005156 20.00 \$22.00 \$440.00 1292590 4/9/2022 8005156 20.00 \$22.00 \$440.00 1292591 4/9/2022 8005162 20.00 \$22.00 \$440.00 1292600 4/9/2022 8005160	20.00 \$22.00 \$440.00 1292523 4/9/2022 8005140 BRYAN HANEY 20.00 \$22.00 \$440.00 1292546 4/9/2022 8005149 BRYAN HANEY 20.00 \$22.00 \$440.00 1292550 4/9/2022 8005149 BRYAN HANEY 20.00 \$22.00 \$440.00 1292550 4/9/2022 8005148 BRYAN HANEY 20.00 \$22.00 \$440.00 1292552 4/9/2022 8005147 BRYAN HANEY 20.00 \$22.00 \$440.00 1292557 4/9/2022 8005150 BRYAN HANEY 20.00 \$22.00 \$440.00 1292557 4/9/2022 8005150 BRYAN HANEY 20.00 \$22.00 \$440.00 1292561 4/9/2022 8005146 BRYAN HANEY 20.00 \$22.00 \$440.00 1292564 4/9/2022 8005145 BRYAN HANEY 20.00 \$22.00 \$440.00 1292567 4/9/2022 8005145 BRYAN HANEY 20.00 \$22.00 \$440.00 1292567 4/9/2022 8005153 BRYAN HANEY 20.00 \$22.00 \$440.00 1292567 4/9/2022 8005154 BRYAN HANEY 20.00 \$22.00 \$440.00 1292588 4/9/2022 8005154 BRYAN HANEY 20.00 \$22.00 \$440.00 1292589 4/9/2022 8005154 BRYAN HANEY 20.00 \$22.00 \$440.00 1292589 4/9/2022 8005156 BRYAN HANEY 20.00 \$22.00 \$440.00 1292589 4/9/2022 8005160 BRYAN HANEY 20.00 \$22.00 \$440.00 1292599 4/9/2022 8005161 BRYAN HANEY 20.00 \$22.00 \$440.00 1292599 4/9/2022 8005161 BRYAN HANEY 20.00 \$22.00 \$440.00 1292599 4/9/2022 8005161 BRYAN HANEY 20.00 \$22.00 \$440.00 1292590 4/9/2022 8005161 BRYAN HANEY 20.00 \$22.00 \$440.00 1292509 4/9/2022 8005161 BRYAN HANEY 20.00 \$22.00 \$440.00 1292500 4/9/2022 8005169 BRYAN HANEY 20.00 \$22.00 \$440.00 1292500 4/9/2022 8005169 BRYAN HANEY 20.00 \$22.00 \$440.00 1292500 4/9/2022 8005159 BRYAN HANEY

Please Remit To: R360-Permian Basin Region P.O.Box 671798 Dallas, TX 75267-1798

575-393-1079 (O); 575-393-3615(F)

Subtotal: \$23,760.00

NM Sales Tax: \$1,306.80

Total: \$25,066.80



R360 Environmental Solutions, LLC **Permian Basin Region**

P.O. Box 3452 Hobbs, NM 88241

> **Bill To** NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Suite 206 Oklahoma City, OK 73116

Invoice

Page 120 of 391

Date: Invoice #: 4/18/2022 C237776

Terms:

Due Upon Receipt

NON-DRILLING

Generator:

NOVO OIL & GAS NORTHERN DELA

Lease: Well:

HADES NORTH LOOP

Rig: PO: Memo:

Summary of Products & Services

Product	Price	Quantity	Unit	Extended Price
Contaminated Soil (RCRA Exempt)	\$22.00	1,080.00	yards	\$23,760.00
Sales Tax (NM)	\$1,306.80	1.00	each	\$1,306.80

Received by OCD: 7/26/2022 9:02:07 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	NOVO OIL & GAS NORTHERN DEL CRI4317 BRIAN HANEY 361-658-3126 525614 4/8/2022 FULTONS OILFIELD HOLMAN 122	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1292082 O6UJ9A000J90 4/8/2022 NOVO OIL & GAS N 999908 HADES NORTH LOC NON-DRILLING EDDY (NM)	
Facility: CRI					
Product / Service	a Black H	Quantity U	nits		
Contaminated Soil (RCRA Exempt)		20.00 ya	ards		
Generator Certification Statement of W	/aste Status				
I hereby certify that according to the Resour 1988 regulatory determination, the above de X RCRA Exempt: Oil Field wastes generated RCRA Non-Exempt: Oil field waste who characteristics established in RCRA regulation amended. The following documentation is a MSDS Information RCRA Hazard	scribed waste is: ted from oil and pich is non-hazard ons, 40 CFR 261 ttached to demor	gas exploration and production operations lous that does not exceed the minimum sta .21-261.24 or listed hazardous waste as deastrate the above-described waste is non-harmonic.	and are not mixed andards for wasted fined in 40 CFR azardous. (Check	ed with non-exempt was hazardous by , part 261, subpart D, as the appropriate items):	.
Driver/ Agent Signature		R360 Representative Signa	ture	Maria de la compansión	
Customer Approval	TU	IS IS NOT AN INVOICE			
	111	IS IS NOT AN INVOICE	H		
Approved By:		Date:			

Date: _____

t6UJ9A01NC85 4/18/2022 1:41:54PM

		OF STATES	ATOD	Phone No.	merry
		GENER		1700 NO. 5256	514
perator No	2110	1 21	Permit/RRC No Lease/Well	Hagues	
perators Name NOV	o oil+Gas	CTG	Name & No	North Loop	
ddress 1001	west wilbhir	e Blud	County	Eddy	
Old I	cihoma City	ON 37116	API No	11/10	
ly, State, Zip USI	-65 83126		Rig Name & No. AFE/PO No		
		wice Identification and Amount (n)		aste type in barrels or cubic yards)	
0 Baxed Muds		DECTABLE WATERS	ace volume next to w	INJECTABLE WATERS	
(Based Curtings		it Water (Non-Injectable)		Washout Water (injectable)	
aret Based Muds ater Based Cuttings		tion Fluid/Flow back (Non Injectable) .d Water (Non Injectable)	1	Completion Fluid/Flow back (Injectable) Produced Water (Injectable)	
oduced Farmation Salids		ng Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injectable)	
A Contaminated Soil	The state of the s	AL USE ONLY /ashout (exempt waste)		OTHER EXEMPT WASTES (type and generation	in process of the waster
is Plant Waste	15-3	V-1	F-A		
ASTE GENERATION PROCE	SS: DRILLIN	IG COMPLET	IION X	PRODUCTION GAT	HERING LINES
	Manager and the second	NON EXEMPT E&P Waste/Servic			
n-Exempt Other	an non-extraintr Felt where area	s be analysed and be below the thresho		.P), Ignitability, Corrosivity and Reactivity.	
11			- fuense, seuert lee	om Non-Exempt Waste List on back	
ANTITY		B BARRELS	L - LIQUID	2 O) Y-YARDS	E - EACH
reby certify that according to	the Resource Conservation and	d Recovery Act (RCRA) and the US Envir	ronmental Protection Ag	ency's July 1988 regulatory determination,	the above described wast
prom		p-1			
EMERGENCY NON-OILFEIL			red by the Department of	Other (Provide Description Below) Public Safety (the order, documentation o	f non-hazardous waste
EMERGENCY NON-OILFEIL	5: Emergency non-hazradous,	lana and	red by the Department of		f non-hazardous waste
EMERGENCY NON-OHFEIL OF LON HO (MINH) MUTHORINIA PAR	5: Emergency non-hazradous,	nnn-oilfeild waste that has been order ition of the waste must accompany this	red by the Department of s form)		f non-hazardous waste
Orlando (MINH) ALMANDARIA	5: Emergency non-hazradous,	non-ailfeild waste that has been order	red by the Department of s form)	Public Safety (the order, documentation o	f non-hazardous waste
Or lando (PHHH) ALTERNATION SERVICE PROPERTY SERVICE PROP	Emergency non-hazradous, determination and a descip	non-cillelid waste that has been order into al the waste must accompany this	red by the Department of s form)	Fublic Safety (the order, documentation o	
Orlando (PHHH) ALTECANO PER PLACE PROPERTY PLACE PROPERTY PLACE PROPERTY PR	Emergency non-hazradous, determination and a descip	nnn-oilfeild waste that has been order ition of the waste must accompany this	red by the Department of s form) DAIR ORTER	F Public Safety (the order, documentation o	f non-hazardous waste
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or lando pare sporter's Pitch & Po Box	determination and a descip	non-collected waste that has been order prior of the waste must accompany this TRANSPO	red by the Department of s form) RAIT ORTER Driver's Name Print Name	F Public Safety (the order, documentation o	
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Insporter's Properties of the Policy of the No. Series of the Allows of the No. Shipment Date TRUCK T Name/ Init No. Halfway Facility ress G601 Hobbs Hw. NORM READINGS	med material(s) was/were pick DRIVER'S SI IME STAMP OUT: / NM1-006 y US 62/180 Mile Marker 66 Ct TAKEN? (Circle One) YE	TRANSPO TRANSPO Lental (LCC AND 88220 Red up at the Generator's site listed about the Generator's site l	ORTER Driver's Name Print Name Phone No. Truck No. ove and delivered without FACILITY Phone No. If YES, was reading	Public Safety (the order, documentation o	alina)
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Insporter's PLC Some No. SAS Sereby certify that the above na SHIPMENT DATE TRUCK TO MIT NO GOOD Hobbs HW NORM READINGS PASS THE PAINT FILTER	med material(s) was/were pick DRIVER'S SI IME STAMP OUT: / NM1-006 y US 62/180 Mile Marker 66 Ct TAKEN? (Circle One) YE	TRANSPO TRANSPO Lental CCC and NM 88220 Sed up at the Generator's site listed about the Generator's site	ORTER Driver's Name Print Name Phone No. Truck No. Ove and delivered without FACILITY Phone No. If YES, was readin NO	E Incident to the disposal facility reter below RECEIVING Name/No. 575-393-1079 g > 50 micro roentgens? (circle one)	AREA UST
Insporter's me dress Po Box one No. S 3 S ereby certify that the above na SHIPMENT DATE TRUCK T I: Part No. Halfway Facility of the State of the S	med material(s) was/were pick DRIVERS SI JUNE STAMP OUT: / NM1-006 y US 62/180 Mile Marker 66 C. TAKEN? (Circle One) R TEST? (Circle One)	TRANSPO TRA	ORTER Driver's Name Print Name Phone No. Truck No. Ove and delivered without FACILITY Phone No. If YES, was readin NO	Public Safety (the order, documentation o	alino) Resource AREA
ansporter's process and process proces	med material(s) was/were pick DRIVERS SI JUNE STAMP OUT: / NM1-006 y US 62/180 Mile Marker 66 C. TAKEN? (Circle One) R TEST? (Circle One)	TRANSPO TRA	ORTER Driver's Name Print Name Phone No. Truck No. Ove and delivered without FACILITY Phone No. If YES, was readin NO	Public Safety (the order, documentation o	PESSONAL NO
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Insporter's me dress Po Box one No. S 3 Sereby certify that the above na SHIPMENT DATE TRUCK T I: Part of the pa	med material(s) was/were pick DRIVERS SI JUNE STAMP OUT: / NM1-006 y US 62/180 Mile Marker 66 C. TAKEN? (Circle One) R TEST? (Circle One)	TRANSPO TRANSPO TRANSPO TRANSPO AND 88220 TRANSPO T	ORTER Driver's Name Print Name Phone No. Truck No. Dove and delivered without Deliver Phone No. If YES, was readin NO BS&	Public Safety (the order, documentation o	AREA UST
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Received by OCD: 7/26/2022 9:02:07	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	NOVO OIL & GAS NORTHERN DEL CRI4317 BRYAN HANEY 361-658-3126 8005103 4/8/2022 PITCHFORK DIRT & RENTAL LLC GERARDO 15	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1292083 O6UJ9A000J90 4/8/2022 NOVO OIL & GAS 999908 HADES NORTH LO								
Facility: CRI												
Product / Service	(B) 725	Quantity U	nits									
Contaminated Soil (RCRA Exempt)		20.00 ya	ards									
Generator Certification Statement of W	aste Status											
1988 regulatory determination, the above determination, the above details a RCRA Exempt: Oil Field wastes generated RCRA Non-Exempt: Oil field waste which aracteristics established in RCRA regulation amended. The following documentation is a	Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)											
Driver/ Agent Signature		R360 Representative Signa	ture									
Customer Approval	TH	IS IS NOT AN INVOICE			M Section							

Date:

t6UJ9A01NC9O 4/18/2022 1:41:55PM

Approved By:

Customer Approval	TH	IS IS NOT AN INVOICE			
Driver/ Agent Signature		R360 Representative Signa	ature		
1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes get RCRA Non-Exempt: Oil field waste characteristics established in RCRA regulamended. The following documentation	of Waste Status source Conservation e described waste is: nerated from oil and e which is non-hazard alations, 40 CFR 261 is attached to demon	and Recovery Act (RCRA) and the US E gas exploration and production operations lous that does not exceed the minimum state. 21-261.24 or listed hazardous waste as destrate the above-described waste is non-hsis Process Knowledge Other than the state of the sta	nvironmental Pros s and are not mixe andards for waste efined in 40 CFR azardous. (Checl	ed with non-exempt was hazardous by , part 261, subpart D, a k the appropriate items	as
Product / Service		Quantity U	Jnits	Million Process	
ENVIRONMENTAL SOLUTIONS Permian Basin Facility: CRI	Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	BRYAN HANEY 361-658-3126 8005102 4/8/2022 PITCHFORK DIRT & RENTAL LLC JOSE 14	Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	4/8/2022 NOVO OIL & GAS 999908 HADES NORTH LO NON-DRILLING EDDY (NM)	
Received by OCD: 7/26/2022 9:02:	Customer:	NOVO OIL & GAS NORTHERN DEL CRI4317	Ticket #: Bid #:	700-1292088 O6UJ9A000J90	Page 125 of 391

Date:

£6UJ9A01NC9Y 4/18/2022 1:41:56PM

Approved By:

I have by copyly that the above lead material has been (circle one):

1st Gauge

2nd Gauge

Received



DENIED If denied, why?



BS&W (%)

BS&W/BBLS Received

Free Wate Total Received

Received by OCD: 7/26/2022 9:02:07	Customer: Customer #:	ORLANDO GONZALES 8005114		700-1292103 O6UJ9A000J90 4/8/2022 NOVO OIL & GA 999908 HADES NORTH NON-DRILLING EDDY (NM)	
Facility: CRI					
Product / Service		Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)	20.00	yards		
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha	esource Conserve described was enerated from oil which is non-laulations, 40 CF in is attached to	ration and Recovery Act (RCRA) and ste is: Il and gas exploration and production hazardous that does not exceed the mi R 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and nimum standar raste as defined te is non-hazaro	are not mixed with ds for waste hazardo in 40 CFR, part 26 dous. (Check the app	non-exempt waste ous by 1, subpart D, as propriate items):
Driver/ Agent Signature		R360 Representative Si) gnature		
MI Nio			2		
Customer Approval	41.5		total (S.S.		
	THIS	S IS NOT AN INVOIC	E!		
Approved By:		Date:			

Page 128 of 391

					Phone No. 361 658 312
		GENERAT	OR	NO	8005114
Operator No.			Permit/RRC No. Lease/Well		The sales and the sales of
Operators Name Novo O	11 + GAS LLO		Name & No	North Lo	000
ddress 1001 was	it wilshire BI	vd	County	North Lo	
	4		API No.		
City, State, Zip Oklahama	City OK 73	116	Rig Name & No.		
Phone No. 361 65 85	3126 OK 73		AFE/PO No.		
EXEMPT	F&P Waste/Service Identif	ication and Amount (place v	olume next to wa	aste type in barrels or	cubic vards)
Oil Based Muds	NON-INJECTABLE W	ATERS		CONTRACTOR OF THE PARTY OF THE	(type and generation process of the waste)
Oil Based Cuttings Water Based Muds	Washout Water (No	n-Injectable) ow back (Non-Injectable)			
Nater Based Cuttings	Produced Water (No				
Produced Formation Solids Tank Bottoms		er/Waste (Non-Injectable)			
&P Contaminated Soil	Truck Washout (exe				
as Plant Waste					
ASTE GENERATION PROCESS:	DRILLING	COMPLETION	X	PRODUCTION	GATHERING LINES
	NON	EXEMPT ESIP Waste/Service Iden	tification and Amo	unt	
	mp) E&P waste must be analyse	d and be below the threshold him	iits for toxicity (TCL	P), Ignitability, Corrosivity	and Reactivity.
on-Exempt Other			*please select fra	ım Non-Exempt Waste Li	st on back
JANTITY	В -	BARRELS		20) Y-YAI	RDS E - EACH
hazardo	ous is attached. (Check the appro	te as defined by 40 CFR, part 261 opriate items as provided) RA Hazardous Waste Analysis	, subpart D, as ame	ended. The following docu	imentation demonstrating the waste as no
hazardo MSDS In	ous is attached, (Check the appro offormation RC	opriate items as provided)	, subpart D, as ame	ended. The following docu	imentation demonstrating the waste as no
hazardo MSDS In	ous is attached. (Check the appro	priate items as provided) RA Hazardous Waste Analysis	, subpart D, as ame	ended. The following docu	eristics established in RCRA regulations, 40 imentation demonstrating the waste as no on Below) signaturi
MSDS In PRINT) AUTHORIZED AGENTS SIGNATURE	ous is attached, (Check the appro offormation RC	priate items as provided) RA Hazardous Waste Analysis	, subpart D, as ame	ended. The following docu	on Below)
MSDS In PRINTI AUTHORIZED AGENTS SIGNATURE	nus is attached. (Check the approf	ppriate items as provided) RA Hazardous Waste Analysis D TRANSPOR	, subpart D, as ame	ended. The following docu	imentation demonstrating the waste as no on Below) SIGNATURE
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Insporter's Peterork of dress 1407 Hasto	is attached. (Check the appropriation RC	ppriate items as provided) RA Hazardous Waste Analysis TRANSPOR LCC 88.2.20	TER Driver's Name Print Name	Other (Provide Description	imentation demonstrating the waste as no on Below)
Insporter's me dress 1407 Masto Po Box 691	Int + Rental Carls bad NM	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No.	Other (Provide Description Munuel OL	imentation demonstrating the waste as no on Below) SIGNATURE
Insporter's PICFOCK of the Box 691 one No.	Int + Rental Carls bad NM	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No.	Other (Provide Description Num o tincident to the disposal f	an Below) SIGNATURE Facility listed below.
Insporter's PICFOCK of Idees 1407 Nasto Po Box 691 one No.	Int + Rental Carls bad NM	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No.	Other (Provide Description Munuel OL	SIGNATURE SIGNATURE
Interest Date MSDS Interest MSDS Interest	In the properties of the appropriate of the appropr	ppriate items as provided) RA Hazardous Waste Analysis D TRANSPOR LCC SS 2.20 Generator's site listed above and	TER Driver's Name Print Name Phone No. Truck No. d delivered without	Other (Provide Description Other (Provide Description OL Incident to the disposal for th	SIGNATURE SIGNATURE Cacility listed below. DRIVER'S SIGNATURE
Insporter's PI+CFOCK of AGENTS SIGNATURE TO BOLLANDO GON PRINTIJ AUTHORIZED AGENTS SIGNATURE TO BOLLANDO GON PO BOLLANDO GON SHIPMENT BATE TRUCK TIME ST	In the properties of the appropriate of the appropr	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No. d delivered without	Other (Provide Description Other (Provide Description OL Incident to the disposal for th	SIGNATURE SIGNATURE Cacility listed below. DRIVIEWS SIGNATURE
INTERIOR DATE TRUCK TIME ST AND	In the properties of the appropriate of the appropr	ppriate items as provided) RA Hazardous Waste Analysis D TRANSPOR LCC SS 2.20 Generator's site listed above and	TER Driver's Name Print Name Phone No. Truck No. d delivered without	Other (Provide Description Other (Provide Description OL Incident to the disposal for th	SIGNATURE SIGNATURE Facility listed below. DRIVIERS SIGNATURE
Insporter's PI+CFOCK of dress Po Box 691 one No. ereby certify that the above named material supports DATE TRUCK TIME ST OUT:	In the properties of the appropriate in the appropr	priate items as provided) RA Hazardous Waste Analysis D TRANSPOR LCC SE 2.20 Generator's site listed above and	TER Driver's Name Print Name Phone No. Truck No. d delivered without	Other (Provide Description Ot	SIGNATURE SIGNATURE Facility listed below. DRIVIERS SIGNATURE
Interest Date TRUCK TIME ST OUT: The Name/ Truck Bluff Fatility/ STF- Truck Time ST	Instituted, (Check the appropriation RC CACET Lint + Rental RC Carls bad NM al(s) was/were picked up at the DRIVER'S SIGNATURE AMP	priate items as provided) RA Hazardous Waste Analysis DISPOSAL FAC	TER Driver's Name Print Name Phone No. Truck No. d delivered without	Other (Provide Description Other (Provide Description OL Incident to the disposal for th	SIGNATURE SIGNATURE Facility listed below. DRIVER'S SIGNATURE
Interest DATE TRUCK TIME ST PLACE TO N INTEREST DATE TRUCK TIME ST OUT: POSS US HISTORY 285 OF I	al(s) was/were picked up at the ORIVER'S SIGNATURE AMP	TRANSPORT LCC Secretarian Se	ATE FER Driver's Name Print Name Phone No. Truck No. d delivered without DELIVER'	Other (Provide Description Other (Provide Descri	SIGNATURE SIGNATURE Cacility listed below. DRIVER'S SIGNATURE ECEIVING AREA
(PRINT) AUTHORIZED AGENTS SIGNATURE TANDOL ON PLANTON AUTHORIZED AGENTS SIGNATURE TRUCK TIME ST TRUCK TIME ST OUT: TRUCK TIME ST	al(s) was/were picked up at the DRIVERS SIGNATURE AMP	TRANSPORT LCC S8.2.20 Generator's site listed above and DISPOSAL FAC	ATE FER Driver's Name Print Name Phone No. Truck No. d delivered without DELIVER'	Other (Provide Description Ot	SIGNATURE Cacility listed below. DRIVER'S SIGNATURE ECEIVING AREA
Insporter's PI+CFOCK of the state of the sta	al(s) was/were picked up at the ORIVER'S SIGNATURE AMP	TRANSPORT LCC S8.2.20 Generator's site listed above and DISPOSAL FAC	TER Driver's Name Print Name Phone No. Truck No. d delivered without DELIVER Phone No.	Other (Provide Description Other (Provide Descri	SIGNATURE SIGNATURE Cacility listed below. DRIVER'S SIGNATURE ECEIVING AREA
Insporter's me dress 1407 Hasho Po Bax 691 one No. ereby certify that the above named material North No Bress 1407 Hillity/ STF-1033 US Highway 285, Ona Norm Readings Takkin? (directions)	al(s) was/were picked up at the ORIVER'S SIGNATURE AMP	TRANSPORT LCC S8.2.20 Generator's site listed above and DISPOSAL FAC	TER Driver's Name Print Name Phone No. Truck No. d delivered without DELIVER Phone No. If YES, was reading	Other (Provide Description Other (Provide Descri	SIGNATURE Cacility listed below. DRIVER'S SIGNATURE ECEIVING AREA Circle one) YES NO
Insporter's me dress AGN	al(s) was/were picked up at the ORIVER'S SIGNATURE AMP	TRANSPOR TRANSPOR LCC S8.2.20 Generator's site listed above and	TER Driver's Name Print Name Phone No. Truck No. d delivered without DELIVER' Phone No. If YES, was reading Conductivity (mmhos/cm)	Other (Provide Description Other (Provide Descri	acility listed below. CECEIVING AREA Circle one) YES NO
TRUCK TIME ST TRUCK TIME ST Considered Bluff Facility/ STF-0 Considered Analysis MR/II.	al(s) was/were picked up at the DRIVER'S SIGNATURE AMP O65 TX 79770 SIGNATURE PA TX 79770 SIGNATURE TAMP	TRANSPOR TRANSPOR LCC S8.2.20 Generator's site listed above and	TER Driver's Name Print Name Phone No. Truck No. d delivered without DELIVER' Phone No. If YES, was reading Conductivity (mmhos/cm)	Other (Provide Description Other (Provide Descri	SIGNATURE Cacility listed below. DRIVER'S SIGNATURE ECEIVING AREA Circle one) YES NO

ACCEPTED

SIGNATURE

If denied, why?

I hereby certify that the above load material has been (circle ene)

Received by OCD: 7/26/2022 9:02:07 AM Customer: Page 129 of 391 NOVO OIL & GAS NORTHERN Ticket #: 700-1292104 Customer #: CRI4317 Bid #: O6UJ9A000J90 Ordered by: BRYAN HANEY 4/8/2022 Date: NOVO OIL & GAS NORTHERN AFE #: Generator: PO #: Generator #: Manifest #: 8005113 Well Ser. #: 999908 SOLUTIONS Manif. Date: 4/8/2022 Well Name: HADES NORTH LOOP **RICO & SONS TRUCKING** Hauler: Well #: Permian Basin Driver RUBEN Field: Truck # 15 Field #: Card # Rig: **NON-DRILLING** Job Ref# County EDDY (NM) Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above) **Driver/ Agent Signature R360 Representative Signature Customer Approval** THIS IS NOT AN INVOICE!

Date:

t6UJ9A01NCB1

RDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Name Bryon Haney
Phone No. 361 658 3126

			GENERATO	OR	Had NO.	8005113
Operator No	6			Permit/RRC No Lease/Well	TOWNES	
Operators Name	Nova 011 + (Ishire Blud		Name & No.	North L	00 P
Address	1001 west w	IShire Blud		API No.	Cddy	-0.6
City, State, Zip	Oklahoma Ci	W OK 7311	6	Rig Name & No.		WA
Phone No.	Oklahoma (1)	6	_	AFE/PO No.		***************************************
	EXEMPT E&P W	aste/Service Identification	and Amount (place vo	olume next to wa	A Challeng of the Control of the Assessment of the Control of the	
Oil Based Muds Oil Based Cuttings		NON-INJECTABLE WATERS Washout Water (Non-Injects	able)		OTHER EXEMPT WASTES	(type and generation process of the waste)
Water Based Mud Water Based Cutti		Completion Fluid/Flow back	(Non-Injectable)			
Produced Formati	0	Produced Water (Non-Inject Gathering Line Water/Waste				
Tank Bottoms E&P Contaminated	d Soil	Truck Washout (exempt was	ite)			
Gas Plant Waste	TION BROCESS.	DRILLING		רכיו	an an ularian	
WASTE GENERA	THOM PROCESS:	DRILLING	COMPLETION	1.2.2.9	PRODUCTION	GATHERING LINES
	All non-exempt E&P	NON-EXEMPT waste must be analysed and be	E&P Waste/Service Iden below the threshold lim			and Reactivity,
Non-Exempt Other				*please select fro	m Non-Exempt Waste Li	st on back
QUANTITY		B - BARREL	5		20 Y-YAF	RDS E - EACH
				or any applicable	state law. That each wast	te has been properly described, classified and
(mm)	proper condition for transportation Oil field wastes a	G 17		inerations and are i	not mixed with non-exem	upt waste (R360 Accepts certifications on a per
RCRA EXEM	APT: load basis only)	,	oracion dila production d	porarons and me	TOTAL TITLE TOTAL CACTOR	private (1500 recepts certifications on a per
RCRA NON-						teristics established in RCRA regulations, 40 CFR imentation demonstrating the waste as non-
		iched. (Check the appropriate i		, suupart D, as ame	naea. The following docu	integration demonstrating the waste as non-
	MSDS Information	on RCRA Haza	rdous Waste Analysis		Other (Provide Description	on Below)
(m)	-					
CRLA	NDO CONZAC	EZ		ATE	-	SIGNATURE
-		tilt a				Substitute
Transporter's	kico + sin		TRANSPORT		0 ,	
Name Y	itcheork dut			Driver's Name	Ruben 9	Coldivia
Address 1	407 Haston 6		0 = 20	Print Name Phone No.	525 997	3536
Phone No.	C DOX ON CE	UP DOG INM C		fruck No.	15	3336
I hereby certify that	t the above named material(s) was	/were picked up at the Genera			incident to the disposal	facility listed below.
4/81	22 Rub	//		2//8	122 1	afa /
SHIPMENT	TOLICK TIME CTANAS	DRIVER'S SIGNATURE	500541 54	belivis		DRIVER'S SIGNATURE
	TRUCK TIME STAMP	D	ISPOSAL FAC	JILITY		ECEIVING AREA
IN:	OUT:				Name/No	
	Red Byluff Facility/ STF-065	HOUF Wa	<u></u>	Phone Na.	432-448-4239	
-	053/US Highway 285, Orla, TX 79:					
	READINGS TAKEN? (Circle One	YES NO		If YES, was readin Conductivity	g > 50 micro roentgens? ((circle one) YES NO
Chemical Analysis	(Mg/l)			(mmhos/cm)		На
	5- 44	,	TANK BOTTO	DMS		
1st Gauge	Feet	Inches		BS&	W/BBLS Received	BS&W (%)
2nd Gauge Received					Free Water	
Acceived					Total Received	
I hereby certify t	at the above load material has b	een (circle one):	DENIED DENIED	denied, why?		
1 ///	Muna	7 408	/	W		9/
01.	Walter William	DATE	/0	πe	C	SIGNATURE

Received by OCD: 7/26/2022 9:02:07 AM Customer: Page 131 of 391 NOVO OIL & GAS NORTHERN Ticket #. 700-1292107 O6UJ9A000J90 Customer #: CRI4317 Bid #: Ordered by: BRYAN HANEY 4/8/2022 Date: NOVO OIL & GAS NORTHERN AFE #: Generator: PO #: Generator #: Manifest #: 8005110 999908 Well Ser. #: SOLUTIONS Manif. Date: 4/8/2022 Well Name: HADES NORTH LOOP **RICO & SONS TRUCKING** Well #: Hauler: Permian Basin Driver ISRAEL Field: Truck # 80 Field #: Card # Rig: NON-DRILLING Job Ref# EDDY (NM) County Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) **Driver/ Agent Signature R360 Representative Signature Customer Approval**

THIS IS NOT AN INVOICE!

Date:

Approved By:

NM
HON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*
Name Page 182 of 391
Name Page 182 of 391

					-	Phone No.	
Operator No.	N		GENER	ATOR Permit/RRC No	120 1103	° 800511	10
Operators Name	Novo C	ol + Cos La	C	Lease/Well Name & No	North	LOOP	
Address	1001 WE.		Blud	County	Eddr	-00 F	
	A 1 1 1	- (7	- W- 177	API No.		non 4	11,16
City, State, Zip Phone No.	361-656		5 73116	Rig Name & No AFE/PO No	-		
Phone No.			entification and Amount (pla		waste turu in harrels	or cubic wards)	
Oil Based Muds		NON-INJECTAL	ILE WATERS	ice volume next to	The second secon	TES (type and generation pro	cess of the waste)
Oil Based Cuttings Water Based Mud			r (Non-Injectable) iid/Flow back (Non-Injectable)	_			
Water Based Cutti Produced Formati			er (Non-Injectable) Water/Waste (Non-Injectable)				
Tank Bottoms		INTERNAL USE	ONLY				
E&P Contaminated Gas Plant Waste	1 2011	Truck Washou	(exempt waste)				
WASTE GENERA	TION PROCESS:	DRILLING	COMPLET	ION [PRODUCTION	GATHER	ING LINES
	- 111		NON-EXEMPT E&P Wriste/Servic				
Non-Exempt Other	- All non-e	xemp: £&P Waste must be an	alysed and be below the thresho		GLP), ignitability, corrosity from Non-Exempt Waste		
QUANTITY			B - BARRELS		γ.,	YARDS A-J	E - EACH
			us waste as defined by 40 CFR Pa	art 261 or any applical	ole state law. That each w	vaste has been properly d	lescribed, classified and
RCRA EXEN	Oil fi		plicable regulation. Land gas exploration and produc	ction operations and a	re not mixed with non-ex	tempt waste (R360 Accep	ts certifications on a per
	load	basis only)	Annual of the American State of the State of	tata and a factor			0001 11 10 500
RCRA NON-			dous that does not exceed the m s waste as defined by 40 CFR, pa				
	I		appropriate items as provided)				
	[_] W2D	S Information	RCRA Hazardous Waste Analy	/5IS [_	Other (Provide Descri	ption Below)	
OPIA	115 A	2000	12alm	Homin	A - VI	10122	-
(erint) A	THIORIZED AGENTS SIGNATUR	INCHEEZ	107a	DATE	7	LY JIGHATIJIRE	_
, K	100 %	SUNS Tr	TRANSPO	ORTER			
Transporter's	2 Lob conk	1 1 1 00	Hal CCC	Driver's Name	1 k ran	(acros	c ten
Name <u>L</u> Address	1407 110	ston Pd	Trai cec	Print Name	10	- Curuc	
7	o Bey 6	11 Carlsba	1 NM 88220	Phone No.			
Phone No.				Truck No.	08		
I hereby certify that	t the above named ma	terial(s) was/were picked up	at the Generator's site listed abo			sal facility listed below.	
SHIPMENT	DATE	DRIVER'S SIGNATUR	Ε	04-0	S- 2 C	DRIVER'S SIC	SNATURE
	TRUCK TIME	STAMP	DISPOSALI	FACILITY	4	RECEIVING AR	EA
IN:	0U	T:			Name/N	Vo.	28
Site Name/	A BILL ACHAY/ S	TF-065 7 1	- Wall	Phone No.	432-448-4239		
Permit No	XXXXX	ona, 1479770			432-448-4239		
	RM READINGS TAKEN?	(Circle One) YES	NO		ding > 50 micro roentgen	s? (circle one) YES	s NO
Chemical Analysis	hloride (Mg/l)			Conductivity (mmhos/cm)			рН
			TANK BO	ITOMS			
1st Gauge	Feet		nches	T t	S&W/BBLS Received	BS&W	(%)
2nd Gauge Received					Free Water Fotal Received		
-	_			~	TOTOL RECEIVED		
Hereby sertify	hat the above load ma	derial has been (circle one):	DENIED DENIED	denied, wh	y?		1
411	NAME PRINT	Time	BAIL	The same		9 F SIGNATURE	
7					\sim	1	

NOVO OIL & GAS NORTHERN Customer: Customer #: CRI4317

Ordered by: BRYAN HANEY

AFE #:

PO #: Manifest #: 8005112

Manif. Date: 4/8/2022 **RICO & SONS TRUCKING** Hauler:

Driver **ADRIANA** Truck # 12

Card # Job Ref#

700-1292111 Ticket #:

O6UJ9A000J90 Bid #: 4/8/2022 Date:

NOVO OIL & GAS NORTHERN Generator:

Page 133 of 391

Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

Rig: **NON-DRILLING** EDDY (NM) County

Facility: CRI

Permian Basin

Product / Service

SOLUTIONS

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

t6UJ9A01NCBD 4/8/2022 11:00:59AM

Received by OCD: 7/26/2022 9:02:07 AM

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) REQUIRED INFORMATION Name By you Light of SE 31 26 Company Man Control Information

	GENERA	TOR	NO. 800)5112
Operator No.		Permit/RRC No. Lease/Well	Hades	7 % at the
Operators Name Novo OII + (Jas LLC	Name & No.	North Loop	
Address 1001 west wils	hire Blud	County	Eddy	2 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
City, State, Zip Oklahoma	City OK 73116	API No. Rig Name & No.	h w	Orill
		AFE/PO No.		
Oil Based Muds	ste/Service Identification and Amount (place) NON-INJECTABLE WATERS	AND REAL PROPERTY.	te type in barrels or cubic yard THER EXEMPT WASTES (type and go	
Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY Truck Washout (exempt waste)			
Gas Plant Waste WASTE GENERATION PROCESS:	DRILLING COMPLETIC	DN [V] D	RODUCTION	CATHEDING LINES
WASTE GENERATION PROCESS.			K24	GATHERING LINES
.All non-exempt E&P v	NON-EXEMPT E&P Waste/Service I vaste most be analysed and be below the threshold			ivity
Non-Exempt Other			Non-Exempt Waste List on back	
QUANTITY	B - BARRELS		2 Ø Y - YARDS	E - EACH
hereby certify that the above listed material(s), is (are	a) not a hazardous waste as defined by 40 CFR Part	261 or any applicable sta		
packaged, and is in proper condition for transportation	according to applicable regulation.			
RCRA EXEMPT: Oil field wastes go load basis only)	enerated from oil and gas exploration and production	on operations and are no	t mixed with non-exempt waste (R	R360 Accepts certifications on a per
RCRA NON-EXEMPT: Oil field waste wh	ich is non-hazardous that does not exceed the mini	imum standards for wast	e hazardous by characteristics esta	ablished in RCRA regulations, 40 CFR
	listed hazardous waste as defined by 40 CFR, part shed. (Check the appropriate items as provided)	261, subpart D, as amend	led. The following documentation	demonstrating the waste as non-
MSDS Information		s	ther (Provide Description Below)	
		LJ		
ORLANDO GONZALE				
(PRINT) AUTHORIZED AGENTS SIGNATURE		DATE	SIGN	ATURE
Rico & sor	TRANSPO	RTER	1,	
ransporter's Pitchfork dirt	Pental (CC	Driver's Name	Horiana	Maturino
Address 1407 Haston R	4	Print Name		
PO Box 691 Cor	1shad NM 88220	Phone No.		
Phone No.		Truck No.	12	
hereby certify that the above named material(s) was/	were picked up at the Generator's site listed above	and delivered without in	icident to the disposal facility liste	d below.
SHIPMENT DATE	ORIVER'S SIGNATURE	DELIVERY D	VOSC MINE	ORIVER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL F	ACILITY	RECEIVII	NG AREA
N: OUT:			Name/No.	78
ite Name/	11 0# 1 11/01	L.	ranie, ito:	
ermit No_ Red Bluff Facility/ STF-065	HALF WAY	Phone No. 43	32-448-4239	
5053 VS Highway 285, Orla, TX 7977				
NORM/READINGS TAKEN? (Circle One)	YES NO	If YES, was reading a Conductivity	> 50 micro roentgens? (circle one)	YES NO
hemical Analysis (Mg/l)		(nimhas/cm)		PΗ
	TANK BOT	TOMS		
st Gauge Feet	Inches	BS&W	/BBLS Received	BS&W (%)
nd Gauge	A	03477	Free Water	D30(44 (78)
eceived			Total Received	
Thereby certiff that the prove load material has be	en (circle one): DENIED	of denigd, why?		
CAN IM (NO)	118	NIN		1
NAME (FUNT)	DATE	lim	SIGN	ATURE O
U				

Page 135 of 391



Contaminated Soil (RCRA Exempt)

Permian Basin

NOVO OIL & GAS NORTHERN Ticket #: Customer: Customer #: CRI4317

Ordered by: BRYAN HANEY

Bid #: Date:

O6UJ9A000J90 4/8/2022

Generator:

NOVO OIL & GAS NORTHERN

700-1292138

Generator #:

999908 Well Ser. #:

Well Name: HADES NORTH LOOP

PITCHFORK DIRT & RENTAL L Well #:

JOSE 14

Manif. Date: 4/8/2022

8005119

AFE #:

Hauler:

Truck #

Card#

Job Ref#

Driver

Manifest #:

PO #:

Field: Field #:

NON-DRILLING Rig: EDDY (NM) County

Facility: CRI

Product / Service

Quantity Units

20.00 yards

Generator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Sustomer Approval

THIS IS NOT AN INVOICE!

Date:

d naterial has been (circle one):

DENIED

If depied, why?

1 hereb

Received by OCD: 7/26/2022 9:02:07 AM Customer: Page 137 of 391 NOVO OIL & GAS NORTHERN 700-1292140 Ticket #: Customer #: CRI4317 O6UJ9A000J90 Bid #: 4/8/2022 Ordered by: BRYAN HANEY Date: NOVO OIL & GAS NORTHERN Generator: AFE #: PO #: Generator #: ENVIRONMENTAL Manifest #: 8005115 999908 Well Ser. #: SOLUTIONS Well Name: HADES NORTH LOOP Manif. Date: 4/8/2022 **FULTONS OILFIELD** Hauler: Well #: Permian Basin **HOLMAN** Field: Driver Truck # 122 Field #: **NON-DRILLING** Card # Rig: Job Ref# County EDDY (NM) Facility: CRI Product / Service Quantity Units Contaminated Soil (RCRA Exempt) 20.00 yards **Generator Certification Statement of Waste Status** hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) **Driver/ Agent Signature R360 Representative Signature Sustomer Approval**

THIS IS NOT AN INVOICE!

Date:

t6UJ9A01NCD1 4/8/2022 11:50:50AM

Approved By:

TANK BOTOMS

Feet Inches

Ist Gauge
2nd Griuge
Received

Thereby certify that the those load material has been (circle one): ACCEPTED DENIES (If denied, why?

Received by OCD: 7/26/2022 9:02:07 AM Customer:

NOVO OIL & GAS NORTHERN

Ticket #: Bid #:

700-1292148 O6UJ9A000J90

Page 139 of 391

Date: Generator: 4/8/2022 **NOVO OIL & GAS NORTHERN**

Generator #:

PO #: Manifest #: 8005117 Well Ser. #: 999908

Manif. Date: 4/8/2022 Well Name: HADES NORTH LOOP

Hauler: PITCHFORK DIRT & RENTAL L Well #: Driver **GERARDO** Field: 15

Truck # Field #: Card # NON-DRILLING Rig: Job Ref# EDDY (NM) County

Facility: CRI

Permian Basin

SOLUTIONS

Product / Service **Quantity Units**

Customer #: CRI4317

AFE #:

Ordered by: BRYAN HANEY

Contaminated Soil (RCRA Exempt) 20.00 yards

Generator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as imended. The following documentation is attached to demonstrate the above-described waste is non-hazardous, (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: Date:

t6UJ9A01NCDH 4/8/2022 12:01:23PM

NON-HAZARDOUS OILFIELD	WASTE MANIFEST	Company Man	Control 140 of 3
(PLEASE PRINT)	*REQUIRED INFORMATION*	Name Bryon	Haney
		Phone No. 361	658 3126

	GEN	ERATOR Holds	vo. 8005117
Operator Name Novo oil + Columns Novo oil + Colum	75 LLC shire Blud	Permit/RRC No. Lease/Well Name & No. County API No.	Loop
ity, State, Zip <u>OK lahoma (</u> Thone No. <u>361–658</u> 31	11, OK 73116	Rig Name & No. AFE/PO No.	WIR
		t (place volume next to waste type in barrel	s or cubic yards)
Dil Based Muds Dil Based Cuttings Nater Based Muds Vater Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJEGFABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectal INTERNAL USE ONLY Truck Washout (exempt waste)	ile)	STES (type and generation process of the waste)
VASTE GENERATION PROCESS;	DRILLING COM	PLETION RODUCTION	GATHERING LINES
All non-exempt FA	NON-EXEMPT E&P Wuste/S	ervice Identification and Amount reshold limits for toxicity (TCLP), ignitability, Corro	Floring and December.
on-Exempt Other	The state of the s	please select from Non-Exempt Was	
UANTITY	B - BARRELS	20 Y	- YARDS E = EACH
261.21-261.24, hazardous is at MSDS Informat	or listed hazardous waste as defined by 40 CF loched. (Check the appropriate Items as provic- tion RCRA Hazardous Waste	Analysis Other (Provide Desc	documentation demonstrating the waste as non- ription Below)
(PRINT) AUTHORIZEO AGENTS SIGNATURE		DATE	SIGNATURE
Po Box 691 (t + Rental LLC 2d Carb bad NM 88220	Print Name	osal facility listed below.
TRUCK TIME STAM	DISPOSA	L FACILITY Name/	RECEIVING AREA
e Name/ rmit No. Red Bluff Facility/STF-065 dress 5053 US Highway 285, Orla, TX 75	Faltuay	Phone No. 432-448-4239	8
NORM READINGS TAKEN? (Circle On Chloride emical Analysis (Mg/I)	e) YES NO	If YES, was reading > 50 micro roentge Conductivity (mmhos/cm)	ns? (circle one) YES NO
	17-11-11-1	OTTOMS	
Gauge d Gauge ceived	Inches	BS&W/BBLS Received Free Water Total Received	BS&W (%)
1 hereby cartify that the above load relaterial has	been (circle one):	NIED If denied, why?	SIGNATUSE

- 18 - 4	Received by OCD: 7/26/2022 9:02:07 SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	ORLANDO GONZALES 8005111	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1292189 O6UJ9A000J90 4/8/2022 NOVO OIL & GAS 999908 HADES NORTH NON-DRILLING EDDY (NM)		
Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) Driver/ Agent Signature R360 Representative Signature	Facility: CRI						
Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) Driver/ Agent Signature R360 Representative Signature	Product / Service		Quantity U	nits			
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) Priver/ Agent Signature R360 Representative Signature	Contaminated Soil (RCRA Exempt)		20.00 yards				
	I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation	source Conserve described wanerated from one which is non- ulations, 40 CF is attached to	vation and Recovery Act (RCRA) and ste is: il and gas exploration and production hazardous that does not exceed the mi R 261.21-261.24 or listed hazardous was demonstrate the above-described was Analysis Process Knowledge	operations and nimum standar aste as defined te is non-hazard Other (Prov.	are not mixed with a ds for waste hazardo in 40 CFR, part 26 lous. (Check the app	non-exempt waste ous by l, subpart D, as propriate items):	

Approved By: _____ Date: _____

t6UJ9A01NCFY

Page 142 of 391

R369		ILACORA	ON-HAZARDOUS (PLEAS			ED INFORMATIOI		ryan Ha	cne y S 3126
			GENE	RATOR		NC	0.800		
Operator No. Operators Name Address	Novo Oil +	Gas LLC	d	Permit/F Lease/W Name & County	'ell	North 1		V 160 als als	
City, State, Zip Phone No.	Oklahoma	City OK 7:	3116	API No Rig Nami AFE/PO I					
012	EXEMPTERP	Waste/Service (dentific		place volume n		A THE RESIDENCE OF THE PARTY OF			
Oil Based Muds Oil Based Cuttings Water Based Mud Water Based Cutti Produced Formatic Tank Bottoms E&P Contaminated	s ngs on Solids	Produced Water (No	-Injectable) w back (Non-Injectable n-Injectable) -/Waste (Non-Injectabl			other exempt wasti	ez trype and gener	anon process of H	ne waste)
Gas Plant Waste WASTE GENERA	TION PROCESS: [DRILLING	COMP	LETION	X F	PRODUCTION	G	ATHERING LIN	NES
		MONE	XEMPT E&P Waste/Sea	vice identification	and Amour	iL		7000	
Non-Exempt Other		&P waste must be amilysed	and he below the thire			Ignitability, Corresivi Non-Exempt Waste		(
QUANTITY		В -	BARRELS			7 (7) Y-Y	ARDS		E - EACH
ORLA [PRINT] AC	MSDS Inform:		IA Həzardous Waste Ai	nalysis		other (Provide Descrip	tion Below)	NE	
Phone No.	Pica en ACT Haston Po Box 691	Rd Corlsbad 1	LLC VM 88220	Truck No	o,	/s ra	1	Sch	ek
Thereby certify that	t the above named material(s) v	was/were picked up at the	Generator's site listed	above and delivere	1 -	ncident to the disposa DATE	SV	PRIVER'S SIGNATURE	
IN:	TRUCK TIME STAN OUT:	1P	DISPOSA	LFACILIT	Υ	F Name/N	RECEIVING o.	AREA 2	3
Permit No. Address	ted Bluff Facility/ STJ-065	Halt	way	Phone No	4	32-448-4239			
	RM READINGS TAKEN? (Circle O hloride (Mg/I)	ne) YES (.	(NO)	If YES, w Conducti (mmho	vity	> 50 micro raentgens	? (circle one)	YES	NO pH
			TANK B	OTTOMS					
1st Gauge 2nd Gauge Received	Feet	Inches			BS&W	//BBLS Received Free Water Total Received		BS&W (%)	

If denied, why?

White - ORIGINAL

iterial has been (circle one)

Blue - TRANSPORTER

Yellow - GENERATOR

SIGNATURE

Thereby certify that the above loading

Page 143 of 391



Contaminated Soil (RCRA Exempt)

Permian Basin

Customer: NOVO OIL & GAS NORTHERN Ticket #: Customer #: CRI4317 Bid #:

Ordered by: BRYAN HANEY

AFE #: PO #:

Manifest #: 8005120

Manif. Date: 4/8/2022 Hauler: RICO & SONS TRUCKING

Driver MANUEL Truck # 01

Card # Job Ref # Ticket #: 700-1292190 Bid #: O6UJ9A000J90

Date: 4/8/2022

Generator: NOVO OIL & GAS NORTHERN

Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

Rig: NON-DRILLING County EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Ori	iver/	Agent	Signa	ture	

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____

TEMAS MODE HAZABDOUS OILFIELD WASTE MANIFEST

*REQUIRED INFORMATION *

Page 144 of 391

Company Man Contact iniginian	ĢΠ
TO III	
Name Bryan Haney	
Phone No 361 658 3126	
Phone No. 161 (-5 - 6176	

	GENER	RATOR	o. 8005120
Operator No.	A	Permit/RRC No. Hades	
Operators Name Novo OL			00 p
Address 1001 west w	Ishire Blud	County Eddy	•
	1 2 2 2	API No.	MIN
City, State, Zip	city OK 73116	Rig Name & No	W 1/+
Phone No. 361 658	31.5.6	AFE/PO No.	
	&P Waste/Service Identification and Amount (
Oil Based Muds Oil Based Cuttings	Washout Water (Non-Injectable)	OTHER EXEMPT WAST	ES (type and generation process of the waste)
Water Based Muds	Completion Fluid/Flow back (Non-Injectable)		
Water Based Cuttings Produced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)		
Tank Bottoms E&P Contaminated Soil	INTERNAL USE ONLY		
Gas Plant Wasto	Truck Washout (exempt waste)		
WASTE GENERATION PROCESS:	DRILLING COMPL	ETION X PRODUCTION	GATHERING LINES
NA CONTRACTOR OF STREET	NON-EXEMPT E&P Waste/Serv	lice (itentification and Amount	
All non-exemp	r F&P waste must be analysed and be below the thres		ity and Reactivity.
Non-Exempt Other		*please select from Non-Exempt Waste	List on back
QUANTITY	B - BARRELS	Z Ø Y-Y	ARDS E - EACH
packaged, and is in proper condition for transp), is (are) not a hazardous waste as defined by 40 CFR ortation according to applicable regulation	Part 261 or any applicable state law. That each w	aste has been properly described, classified and
Oil field w	astes generated from oil and gas exploration and prod	luction operations and are not mixed with non-exe	mot waste (R360 Accepts certifications on a pe-
RCRA EXEMPT: load basis			
RCRA NON-EXEMPT: Oil field wa	aste which is non-hazardous that does not exceed the	minimum standards for waste hazardous by chara	cterístics established in RCRA regulations, 40 CF
	1.24, or listed hazardous waste as defined by 40 CFR, I		cumentation demonstrating the waste as non-
,—ı	is attached. (Check the appropriate items as provided	· ·	
MSDS Info	rmation RCRA Hazardous Waste Ana	alysis Other (Provide Descrip	ition Below)
60 -			
ORLANDO GONZ	ALEZ	DATE	SIGNATURE
01.56	TPANSI	PORTER	
Fransporter's Kico 9 5		ORIER	. 0.
Name Pitch Fork d	irt + Rantal LCC	Driver's Name Maure	K-10
Address 1407 Hoston	Rd	Print Name	
Pc Box 691	Cartibad NM 88220	Phone No.	
Phone No.		Fruck No. 01	
hereby certify that the above named material	(s) was/were picked up at the Generator's site listed a		al facility listed below.
		4-8-2022	MI Ara
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	UNIVER'S SIGNATURE
TRUCK TIME STA	MP DISPOSAL	FACILITY	RECEIVING AREA
N:OUT:		Name/N	lo. 28
Site Name/	1 1/015 1 10		
Permit No. Red Bluff Facility/ STF-06	is fait wa	Phone No. 432-448-4239	
Address 5053 US Highway 285 Orla,	тх 79770		
NORM READING TAKEN CHE	One) YES NO	If YES, was reading > 50 micro roentgens	? (circle one) YES NO
Chloride Chemical Analysis (Mg/I)	\$ 1	Conductivity (mmhos/cm)	Hq
MANUAL MA	TANK BO	OTTOMS	1811
Feet	Inches	J. I. O. IVIS	
Ist Gauge	menes	BS&W/BBLS Received	BS&W (%)
2nd Gauge		Free Water	
Received		Total Received	
Thereby certify that the above load material	(has been triedle and)	Control Color	700
1 /0/10/11/10	has been (circle one):	IED of denled, why?	1/1/
VIII JULIO	718	JUL (
		- P. (1911)	

Received by OCD: 7/26/2022 9:02:07 A ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	NOVO OIL & GAS NORTHERN CRI4317 ORLANDO GONZALES 8005121 4/8/2022 RICO & SONS TRUCKING ADRIANA 12	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	999908	
Facility: CRI					
Product / Service		Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)	20.00	yards		
Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt ware RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) Driver/ Agent Signature R360 Representative Signature Customer Approval					non-exempt waste ous by , subpart D, as propriate items):

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01NCG0 4/8/2022 1:04:52PM

	GEN	IERATOR	// NO. QOOE	101
Operator No.		Permit/RRC No.	1/2000	L C J.
perators Name Novo OLL 4	GAS LIC	Lease/Well Name & No.	110000	
ddress 1001 was f wil		County	V 100/11	1
		API No.	100140	/
ty, State, Zip Oklahoma (1. Ly OK 73116	Rig Name & No.	100	JP -
none No. 361-6583	126	AFE/PO No.	QU .	- (
III an are a company to the second of the se	Waste/Sezvice Identification and Amou			
iil Based Muds Iil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)	OTH	EH EXEMPT WASTES (type and generation	n process of the waste)
/ater Based Muds	Completion Fluid/Flow back (Non-Inject	able)		
later Based Cuttings roduced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)	table)		
ink Bottoms	INTERNAL USE ONLY	iane		
P Contaminated Soil	Truck Washout (exempt waste)			
ASTE GENERATION PROCESS:	DRILLING COI	MPLETION X PRO	DOUCTION GATE	HERING LINES
	NON-EXEMPT ESP Waste	/Service Identification and Amount		Clear Section
All non-exempt E	AP waste must be analysed and be below the		nitability, Corrosivity and Reactivity.	
on-Exempt Other		*please select from Na	on-Exempt Waste List on back	
YITINAL O	B - BARRELS		Y - YARDS	E - EACH
ereby certify that the above listed material(s), is	fare) not a hazardous waste as defined by 40	CER Part 261 or any applicable state	law. That each waste has been prope	rly described, classified ac
261 21-261.24 hazardous is a	e which is non-hazardous that does not exceed 4, or listed hazardous waste as defined by 40 G attached. (Check the appropriate items as pro	CFR, part 261, subpart D, as amended vided)	l. The following documentation demor	-
RCRA NON-EXEMPT: Oil field waste 261 21-261.24 hazardous is 3 MSDS Information	e which is non-hazardous that does not exceed 4, or listed hazardous waste as defined by 40 d attached. (Check the appropriate items as pro- ation RCRA Hazardous Wast	CFR, part 261, subpart D, as amended vided)		_
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Permian Basin

Customer: **NOVO OIL & GAS NORTHERN** Customer #: CRI4317

8005109

Ticket #: Bid #:

700-1292192 O6UJ9A000J90

Date: 4/8/2022

NOVO OIL & GAS NORTHERN Generator:

Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Manif. Date: 4/8/2022

Hauler: Driver

Truck #

Manifest #:

AFE #:

PO #:

RICO & SONS TRUCKING RUBEN

15

Ordered by: BRYAN HANEY

Field:

Card # Job Ref# Field #:

Well #:

Rig: County NON-DRILLING EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date:

t6UJ9A01NCG1

Released to Imaging: 12/7/2022 3:41:22 PM

(PLEASE PRINT) REQUIRED INFORMATION Name Bryan Haney

Company Man Contact Information

tolitudat Chi						FILORIGINO 2.	61638 3126
		1	GENERA		Llad NO.	80051	09
100	Vovo oiti a	las LCO	lv d_	Permit/RRC No. Lease/Welf Name & No. County API No	North Eddy	Loop	
	361-658 31		3116	Rig Name & No. AFE/PO No		W (A)	
HELENELL	EXEMPT E&P W		cation and Amount (pla				CA COCATT
Dil Based Müds Dil Based Cuttings Vater Based Müds Vater Based Cuttings roduced Formation Sc ank Bottoms &P Contaminated Soil Gas Plant Waste		Produced Water (No	n-Injectable) ow back (Non-Injectable) n-Injectable) r/Waste (Non-Injectable)		OTHER EXEMPT WASTES	5 (type and generation to	rocess of the waste)
ASTE GENERATION	N PROCESS:	DRILLING	COMPLET	TON X	PRODUCTION	GATHE	RING LINES
	All non-exempt ESP		EXEMPT ESP Waste/Service d and be below the thresho			v and Reactivity.	
on-Exempt Other	- armor excurposos	Tripoco Tripoge (2). Isa isa pana	e morate sodien tre sixtem,		m Non-Exempt Waste L		
UANTITY		Β -	BARRELS		2 Ø Y-YA	IRDS	E - EACH
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RCRA EXEMPT: RCRA NON-EXEN OR LAND (PRINT) AUTHOR ansporter's Poly iddress Poly ione No.	Ioad basis only) MPT: Oil field waste w 261.21-261.24, c hazardous is atta MSDS Information MSDS In	chich is non-hazardous tor listed hazardous wastached. (Check the appropriate of the control of	TRANSPO	DATE DATE Driver's Name Print Name Phone No. Truck No. ove and delivered withou	Other (Provide Description of the Control of the Co	umentation demonstration Below) SIGNATURE I facility-listed below. DRIVER'S	SIGNATURE
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Received by OCD: 7/26/2022 9:02:07 AM

Page 149 of 391



Permian Basin

NOVO OIL & GAS NORTHERN Customer: Customer #:

CRI4317

Ordered by: BRYAN HANEY

Bid #: Date:

700-1292224 O6UJ9A000J90

4/8/2022

Generator: NOVO OIL & GAS NORTHERN

Generator #:

Ticket #:

Manifest #: 8005125 Well Ser. #: 999908

Manif. Date: 4/8/2022 Well Name: HADES NORTH LOOP

Hauler: PITCHFORK DIRT & RENTAL L Well #: Driver HOSE Field:

Truck # 14 Field #: **NON-DRILLING** Card # Rig: EDDY (NM) Job Ref# County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt) 20.00 yards

AFE #:

PO #:

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as imended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date: 4-8-17

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR

Received by OCD: 7/26/2022 9:02:07 AM

AFE #:

PO#:

Page 151 of 391



Permian Basin

NOVO OIL & GAS NORTHERN Ticket #: Customer: Customer #: CRI4317

Ordered by: BRYAN HANEY

Bid #: Date:

700-1292225 O6UJ9A000J90

4/8/2022

Generator: NOVO OIL & GAS NORTHERN

Generator #:

Manifest #: Well Ser. #: 8005123 999908

Manif. Date: 4/8/2022 Well Name: HADES NORTH LOOP

Hauler: PITCHFORK DIRT & RENTAL L Well #: Driver **ROGELIO** Field: Truck # 15

Field #: Card # Rig: **NON-DRILLING** Job Ref# County EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

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•	111	1011	My	GIII	JIJ	IIIai	ule.

R360 Representative Signature

Customer Approval

Approved By:

THIS IS NOT AN INVOICE!

Date:

t6UJ9A01NCHC

Released to Imaging: 12/7/2022 3:41:22 PM

- FEBRUSA		- P			_		361 658 3126
Operator No.			GENERA		H.L. NO	80051	L23
	11-12 0 1 10	100		Permit/RRC No Lease/Well			
Operators Name Address	NOVO OILIG	hire Blad		Name & No.	North L	-00p	
Address	1001 0057 00.13	NILO DIVE		County API No	Eddy		
City, State, Zip	Oklahama C.L	Y OK 7311	6	Rig Name & No		,	
Phone No.	361-658 3126			AFE/PO No.	N	/A	
	EXEMPT E&P Wa	ste/Service Identificatio	n and Amount (plac	e volume next to	waste type in barrels o	or cubic yards)	1.500
Oil Based Muds Oil Based Cuttings		NON-INIECTABLE WATERS Washout Water (Non-Inject		in max	OTHER EXEMPT WAST	ES (type and generation	process of the waste)
Water Based Mud	is .	Completion Fluid/Flow bad	ck (Non-Injectable)		1		
Water Based Cutti Produced Formati		Produced Water (Non-Inje Gathering Line Water/Was					
Tank Bottoms E&P Contaminated	a care	INTERNAL USE ONLY					
Gas Plant Waste	A 3011.	Truck Washout (exempt w	astej				
WASTE GENERA	TION PROCESS:	DRILLING	COMPLETIC	ON [PRODUCTION	☐ GATH	ERING LINES
			PT E&P Waste/Service I				2 - 11-73
Non-Exempt Other	All non-exempt t&P v	vaste must be analysed and	be below the threshold		TCLP), Ignitability, Corrosiv		
				<i>jneuse</i> serect			7-11-2
QUANTITY		B - BARR	ELS		20 Y-Y	'ARDS	E - EACH
	t the above listed material(s), is (are proper condition for transportation			261 or any applica	ble state law. That each w	aste has been properl	y described, classified and
[]	Oil field wastes on	n according to applicable reg enerated from oil and gas ex		on onerations and :	are not mixed with non-exc	empt waste (R360 Acc	ents cartifications on a nor
X RCRA EXEM	IPT: load basis only)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	F			mpt troops (nago nec	epta certifications on a per
RCRA NON-							in RCRA regulations, 40 CFR
		listed hazardous waste as di thed. (Check the appropriate		261, subpart D, as a	amended. The following do	cumentation demons	trating the waste as non-
	MSDS Information	<u></u>	zardous Waste Analysis	ş [Other (Provide Descrip	otian Below)	
ORLAN	UDO GONZALEZ	<u> </u>					
(PRINT) At	UTHORIZED AGENTS SIGNATURE			DATE		SIGNATURE	
			TRANSPO	RTER	100		
Transporter's 1	itchfock dirt	+ Rental LCC		Driver's Name	Repolio	anno	人
Address 1	407 Haston R			Print Name	The same	Juju	7
P	0 Dox 691 Car	3 MU badel	38220	Phone No.			
Phone No.	CARACTER STATES			Truck No.	15		
hereby certify that	t the above named material(s) was/	were picked up at the Gene	rator's site listed above	and delivered with	rout incident to the dispos	al facility listed below.	A
SHIPMENT	I DAYE	DRIVERY COLLEGE				Kendul	gomes)
	TRUCK TIME STAMP	DRIVER'S SIGNATURE	DICDOCALE		UVERY DATC	V	S SIGNATURE
		1.	DISPOSAL F	ACILITY	-	RECEIVING A	NEA 25
IN:	OUT:	1110			Name/N	10.	20
Site Name/ Permit No.	od Bluff Facility/ 51F-065	Haltwa	4	Phone No.	432-448-4239		
Address	893 US Highway 285, Orla, TX 7977	0	1				
	RM READINGS TAKEN? (Circle One)	YES NO	0	If YES, was rea	ading > 50 micro roentgens	? (circle one)	YES NO
C Chemical Analysis	hloride (Mg/l)			Conductivity (mmhos/cm)			Hq
		P.	TANK BOT	TOMS			F '
te-	Feet	Inches					
1st Gauge 2nd Gauge				- [BS&W/BBLS Received	BS8	&W (%)
Received					Free Water Total Received		
	(1)	-					
thereby certly t	at the above lold material has be	en (circle one):	DENIED	goled wi	19?	·V/	7/
9"	Munu	- DATE 7 L	1	160		SIGNATURE	100
/	CM CONTRACTOR CONTRACT						

Received by OCD: 7/26/2022 9:02:07 AM

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700-1292296

4/8/2022

999908

Well Name: HADES NORTH LOOP

O6UJ9A000J90

NON-DRILLING

EDDY (NM)

NOVO OIL & GAS NORTHERN



Permian Basin

NOVO OIL & GAS NORTHERN Customer: Customer #: CRI4317

Ordered by: BRYAN HANEY

AFE #:

PO #: Manifest #:

8005126

Manif. Date: 4/8/2022

Hauler: Driver Truck #

Card #

PITCHFORK DIRT & RENTAL L Well #:

JOSE Field: 14 Field #:

Rig: Job Ref# County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Ticket #:

Generator:

Generator #:

Well Ser. #:

Bid #:

Date:

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE

White - ORIGINAL

rial has been (circle one):

Inches

CCEPTED

Blue - TRANSPORTER

DENIE

TANK BOTTOMS

Yellow - GENERATOR

BS&W/BBLS Received

If denied, why?

Free Wate

Total Receiver

Version 1

BS&W (%)

1st Gauge

2nd Gauge

Thereby

Received

Received by OCD: 7/26/2022 9:02:07 AM Page 155 of 391 700-1292298 NOVO OIL & GAS NORTHERN Ticket #: Customer: O6UJ9A000J90 Bid #: Customer #: CRI4317 4/8/2022 Ordered by: BRYAN HANEY Date: NOVO OIL & GAS NORTHERN Generator: AFE #: Generator #: PO #: Well Ser. #: 999908 Manifest #: 8005124 Well Name: HADES NORTH LOOP SOLUTIONS Manif. Date: 4/8/2022 Well#: Hauler: **FULTONS OILFIELD** ²ermian Basin Field: **HOLMAN** Driver Field #: 122 Truck # Rig: **NON-DRILLING** Card # EDDY (NM) County Job Ref# Facility: CRI **Quantity Units** Product / Service 20.00 yards **Contaminated Soil (RCRA Exempt) Generator Certification Statement of Waste Status** hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) R360 Representative Signature Driver/ Agent Signature **Customer Approval**

THIS IS NOT AN INVOICE!

Date:

t6UJ9A01NCKL 4/8/2022 4:04:10PM

Approved By:

(PLEASE PRINT) *REQUIRED INFORMATION* Name Bryon Hancy

	GENER		NO. 8005	124
	Chy Ok 73116	Permit/RRC No. Lease/Well Name & No. County API No. Rig Name & No.	North Loop Eddy	
Phone No. 361-658	3126	AFE/PO No.		
EXEMPT E&F Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids	Waste/Service Identification and Amount (pl NON-INIECTABLE WATERS (W.) Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)		e type in barrels or cubic yards) [HER EXEMPT WASTES (type and general	fion process of the waste)
Tank Bottoms E&P Contaminated Soil Gas Plant Waste WASTE GENERATION PROCESS:	INTERNAL USE ONLY Truck Washout (exempt waste) DRILLING COMPLE	TION IV PI	RODUCTION GA	THERING LINES
WASTE GENERATION LINGUIS.	NON-EXEMPT EAR WIBTO/Serva			THEMING LINES
All non-exempt E Non-Exempt Other	&P waste must be analysed and be below the thresh	nold limits for toxicity (TCLP),		
QUANTITY	B - BARRELS		20 Y-YARDS	E - EACH
hazardous is MSDS Inform		-	ed. The following documentation dem	onstrating the waste as non-
ORLANDO GONZY.	ILEZ	DATE	SIGNATURE	
Transporter's Putch fock dur Address 1407 Haston Pa Bax 691	TRANSP + + Rental CLC Rd Carlshadam 88220	Driver's Name Print Name Phone No.	Holmon M	Solinas
Phone No hereby certify that the above named material(s) SHIPMENEDATE	was/were picked up at the Generator's site listed ab	Truck No. ove and delivered without in		loy.
TRUCK TIME STAN			RECEIVING Name/No.	
Red Bluff Facility/ STF-Ubardiness Foss Us Highway 289, Una, TX	· Hattwaz	Phone No. 43	2-448-4239	
NORM READINGS TAKEN? (Circle C Chloride Chemical Analysis (Mg/I)	one) YES NO	Conductivity (mmhos/cm)	50 micro roentgens? (circle ane)	YES NO
Feet Ist Gauge 2nd Gauge Received	Inches		BBLS Received Free Water Total Received	BS&W (%)
The chy cerety that the about that material ha	s been (circle one): DENIE	D Thenied, why?	SIGNAS III	

Page 157 of 391 Received by OCD: 7/26/2022 9:02:07 AM NOVO OIL & GAS NORTHERN 700-1292305 Ticket #: Customer: O6UJ9A000J90 Bid #: Customer #: CRI4317 4/8/2022 Ordered by: BRYAN HANEY Date: NOVO OIL & GAS NORTHERN Generator: AFE #: Generator #: PO #: 999908 Well Ser. #: 8005129 VIRONMENTAL Manifest #: Well Name: HADES NORTH LOOP SOLUTIONS Manif. Date: 4/8/2022 Well#: **RICO & SONS TRUCKING** Hauler: rmian Basin **ISRAEL** Field: Driver Field #: 08 Truck # NON-DRILLING Rig: Card # EDDY (NM) County Job Ref# cility: CRI **Quantity Units** oduct / Service 20.00 yards intaminated Soil (RCRA Exempt) nerator Certification Statement of Waste Status ereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 88 regulatory determination, the above described waste is: RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by tracteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as ended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above) R360 Representative Signature iver/ Agent Signature

THIS IS NOT AN INVOICE!

pproved By: _____ Date: ____

istomer Approval

Company Man Co. Page 158 of 391

(PLEASE PRINT) REQUIRED INFORMATION Name Bryon Haney
Phone No. 361 658 3126

		GENERATOR		NO. 8005129
Operators Name Novo Oil + Q Address Lool west wils	as LLC here Blud	Permit/ Lease/W Name & County	/ell	
City, State, Zip OKlahomer Ci. Phone No. 361 658 7	1 OK 73116	API No. Rig Nam AFE/PO		
EXEMPT E&P W	aste/Service Identification a	nd Amount (place volume n	ext to waste type in barre	s or cubic yards)
Oil Based Muds Oil Based Cuttings Water Based Muds Water Hased Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil. Gas Plant Waste	NON-INJECTABLE WATERS Washout Water (Non-Injectab Completion Fluid/Flow back (N Produced Water (Non-Injectal Gathering Line Water/Waste (INTERNAL-USE ONLY Truck Washout (exempt waste	von-Injectable) ple) Non-Injectable)		ASTES (type and generation process of the waste)
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHERING LINES
All non-exempt E&P	NON-EXEMPT E waste must be analysed and be t	80 ³ .Waste/Service Identification selow the threshold limits (or to		osivity and fleactivity.
Non-Exempt Other		*please	e select from Non-Exempt Wo	iste List on back
QUANTITY	B - BARRELS		20	Y - YARDS E EACH
OPLANDO GONZACE		DATE		Signature
Phone No.	1 + Rental Le	TRANSPORTER C Driver's Print Na Phone N Truck No	nne / 5	/
I hereby certify that the above named material(s) was	DRIVER'S SIGNATURE		1-08-2-2	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DIS	SPOSAL FACILIT	Y Name	RECEIVING AREA
Permit No. Address Ref Bluff facility/ STF-065 Social S Highway 285 on TX 79:		Phone N	o. <u>432-448-4239</u>	
NORM READINGS TAKEN? (Circle One Chloride Chemical Analysis (Mg/I)		Conduct (mmhc	,	tens? (circle one) YES NC
		ANK BOTTOMS		
1st Gauge 2nd Gauge Received	Inches		BS&W/BBLS Received Free Water Total Received	BS&W (%)
I hereby certify that the affive load naterial has b	een (circle one):	DEVIE) If den	ied, why?	

Received by OCD: 7/26/2022 9:02:07 AM Customer: Page 159 of 391 NOVO OIL & GAS NORTHERN 700-1292306 Ticket #: Customer #: CRI4317 O6UJ9A000J90 Bid #: Ordered by: BRYAN HANEY 4/8/2022 Date: **NOVO OIL & GAS NORTHERN** AFE #: Generator: PO #: Generator #: Manifest #: 8005130 Well Ser. #: 999908 SOLUTIONS Manif. Date: 4/8/2022 Well Name: HADES NORTH LOOP **RICO & SONS TRUCKING** Well #: Hauler: Permian Basin Field: RUBEN Driver Truck # 15 Field #: Card # Rig: NON-DRILLING Job Ref# EDDY (NM) County Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards **Generator Certification Statement of Waste Status** hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as umended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) **Driver/ Agent Signature R360 Representative Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01NCKT 4/8/2022 4:12:54PM



Co.	mpa	ny Mai	i Contag	19 of Och All	υŤ
Name	Br	ran	Han	čy.	
				3126	

NON-PREMPT LEP Waster/Service Identification and Amount All non-exempt 68P wister must be analyzed and be below the threshold limits for teacher (TCLP) tentability, Corrosovity and issustivity. Non Exempt Other "pleans select from Non-Exempt Waster List on back			GENERATOR	Hala No. 801	05130
Processor 20, 361 638 326 Register of the Competence Co		OLL + GAS CCC St wilshore Blud	Lease/Well Name & No. County	North Loop Eddy	
OBJASED Musics OBJASED Musics			Rig Name & No.	w/1	9
Dall Based Cuttings Wash and Washer Based Muchs Was	EXEN	PT E&P Waste/Service Identification and	Amount (place volume next to w	vaste type in barrels or cubic var	rds)
All non-exempt ERP waste must be analysed and be below the threshold limits for toxicity ECLP). Brin tability, Corrocavity and timativity. Ann-Exempt Other "please select from Non-Exempt Waste List on back DUANTITY B - BARKELS B-	Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non Produced Water (Non-Injectable Gathering Line Water/Waste (Non INTERNAL USE ONLY	n-Injectable) e) on-Injectable)		reneration process of the yearter
All non-exempt Cities	NASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATHERING LINES
ADDITITY B. GARRIELS D. Y. YARDS E. GARRIELS E. GARRIELS D. Y. YARDS E. GARRIELS D. Y. YARDS E. GARRIELS E. GARRI	All				Aug.
thereby certify that the above listed material(s), is (are) not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, ackaged, and is in proper condition for transportation according to applicable regulation. RCRA EXEMPT: OIL field waste speciated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certific load basis only) OIL field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA reg 26,121,216,124, oil field waste which is non-hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the whazardous is attached, (check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) TRANSPORTER TRANSP		:xempt ६४४४ waste must be analysed and be bell			
ACCA SAMPT: Oil field waste spentated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certific and basis only) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regitable. (See the minimum standards for waste hazardous by characteristics established in RCRA regitable.) RCRA NON-EXEMPT: Oil field waste which is non-hazardous waste as defined by 40 CFK, part 261, subpart D, as amended. The following documentation demonstrating the waster and standards of the standards of the minimum standards for waste hazardous by characteristics established in RCRA regitable. (See the minimum standards for waste hazardous by characteristics established in RCRA regitable.) MSDS Information	QUANTITY	B - BARRELS		20 Y YARDS	E - EACH
TRANSPORTER Fransporter's Pich Fork dir + Pen for LCC Driver's Name Cuben Valvina direction of the disposal facility listed below. PO Box 691 Carrished NM 88200 Phone No. Truck No. Intereby certify that the above named materially was/yere picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. PRINCE TIME STAMP DISPOSAL FACILITY RECEIVING AREA. No. OUT: Red Print SCHATURE Red Print SCHATURE Phone No. 15 Phone No. 16 Phone No. 17 Phone No. 18 Phone No. 18 Phone No. 18 Phone No. 18 Phone No. 19 Phone No. 18 Phone No. 19 Phone No. 18 Phone No. 18 Phone No. 19 Phone No. 18 Phone No. 18 Phone No. 18 Phone No. 18 Pts, was reading > 50 micro roentgens? (circle one) YES Conductivity (minhos/cm) TANK BOTTOMS TANK BOTTOMS	MSE	OS Information RCRA Hazardou	· · · · · · · · · · · · · · · · · · ·	Other (Provide Description Below)	
TRUCK TIME STAMP N: OUT: Red Put sciency 25 No 15 No 15 No 15 No 16 N	(PRINT) AUTHORIZED AGENTS SIGNATU	1	DATE	ધાલ	NATURE
N: OUT: Name/No. 2 Name/No. 2	hone No.	dirt Pental LCC ton Rd 11 Carlsbad NM 88: steriallywas/yere picked up at the Generator's Cuben Valdivis	Driver's Name Print Name Phone No Truck No. s site listed above and delivered withou	15 iut incident to the disposal facilies list 122	and below.
ermit No. ddress Red Nuff Brilling 81 065 Status Highway 285, Orla, TM 79778 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (circle one) YES Chloride hemical Analysis (Mg/l) Feet Inches			POSAL FACILITY	-	ING AREA
Chloride Conductivity (mmhos/cm) Feet Inches	ddress Red Juff Facility S	Orla, TX 79778			A
Feet Inches	Chloride	(circle one) PES NO	Conductivity	ing > 30 micro roentgens; futcle one	e) YES NO
I hyrety (chr) y that the alloy load material has been (circle one): DENIED DEN	st Gauge nd Gauge received	Inches	BSi	Total Received	BS&W (%)

Received by OCD: 7/26/2022 9:02:07	Customer: Customer#:	BRYAN HANEY 8005122		700-1292309 O6UJ9A000J90 4/8/2022 NOVO OIL & GAS 999908 HADES NORTH NON-DRILLING EDDY (NM)	
Facility: CRI					
Product / Service		Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)	20.00	yards		
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha Driver/ Agent Signature Regular Regular Customer Approval	source Conserve described wancrated from oie which is non-lulations, 40 CF is attached to	ration and Recovery Act (RCRA) and ste is: I and gas exploration and production nazardous that does not exceed the milk 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and inimum standar vaste as defined te is non-hazard	are not mixed with the design of the design	non-exempt wast ous by I, subpart D, as propriate items):
	THI	S IS NOT AN INVOIC	E!		

Approved By: _____ Date: _____

t6UJ9A01NCKX 4/8/2022 4:16:02PM

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact information

Salas Market		(PLE/	(SE PRINT) REQUI	KED INFORMATION. Name $\overline{\mathbf{D}}_{\mathcal{L}}$	361 658 3120
		GENI	ERATOR		122
perator No perators Name Idress	Novo Oil + a loot west wi	As LLC shire Blud	Permit/RRC No. Lease/Well Name & No. County	North Loop Eddy	J. [K
y, State, Zip one No.	015lohoma 1	aty OK 73116	API No. Rig Name & No. AFE/PO No.		
	EXEMPT E&P W	aste/Service (dentification and Amoun	iplace volume next to wa		area distant
I Based Muds I Based Cuttings ater Based Muds ater Based Cutting oduced Formation ink Bottoms 2P Contaminated S is Plant Waste	Salids	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectal INTERNAL USE ONLY Truck Washout (exempt waste)		OTHER EXEMPT WASTES (type and gonered	on process of the waste)
ASTE GENERATI	ON PROCESS:	DRILLING COM	PLETION X	PRODUCTION GAT	HERING LINES
m-Exempt Other	All non-exempt E&P	NON-EXEMPT 6.8P Waste/s waste must be analysed and be below the th			
JANTITY		B - BARRELS		20 Y-YARDS	E - EACH
ORLANI (PRINT) AUTI	DO GONZACE		DATE	Rogalio gay	res
dress Pe	107 Haston R Box 691 Cor	TRANS + Rental LCC d Is had NM 88220 s/were picked up at the Generator's site liste	Driver's Name Print Name Phone No. Truck No d above and delivered withou	ROGCLIO GA	
SRIPMENT D	RUCK TIME STAMP OUT:	DISPOSA	AL FACILITY	RECEIVING Name/No.	AREA
1	d Bluff Facility/ STF-065	770	Phone No.	432-448-4239	
	1 READINGS TAKEN? (Circle One oride 1B/I)	YES NO	If YES, was readin Conductivity (mmhos/cm)	g > 50 micro roentgens? (circle one)	YES NO
	Feet	TANKE	BOTTOMS		
d Gauge d Gauge ceived	1	III III III III III III III III III II	858	W/BBLS Received E Free Water Total Received	3S&W [%]
Thereby certify the	nt the above load naterial has b	aen (circle ne): Accretio	If denied, why?	SIGNATURE	

Ordered by: BRYAN HANEY AFE #: PO #:

> Manifest #: 8005128

Well Ser. #:

Date:

4/8/2022 NOVO OIL & GAS NORTHERN

Generator:

Generator #:

999908 Well Name: HADES NORTH LOOP

Manif. Date: 4/8/2022 PITCHFORK DIRT & RENTAL L Well #: Hauler:

Driver **ADRIANA**

Field: Field #:

Truck # 12 Card#

NON-DRILLING Rig: EDDY (NM) County

Job Ref#

Facility: CRI

Permian Basin

Product / Service

SOLUTIONS

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/	Ag	ent	Sign	nature	
2	$-\pi$				

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	Date:	

(PLEASE PRINT) * REQUIRED INFORMATION* Name Brayes Housey Phone No. 361 658 3126

	GEN	ERATOR	NO. 8005	128
Operator No. Operators Name Movo Oil + Gci Address Oklahama		County API No.	Jorth Loop	
ity, State, Zip <u>OKlohoma ()</u> hone No. <u>361</u> 658 3126	y OK 73116	Rig Name & No. AFE/PO No.		
EXEMPT E&P W	aste/Service Identification and Amoun		ype in barrels or cubic yards)	
oil Based Muds oil Based Cuttings Vater Based Muds Vater Based Cuttings roduced Formation Solids ank Bottoms &P Contaminated Soil as Plant Waste	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectal Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injecta INTERNAL USE ONLY Truck Washout (exempt waste)	ble)	R EXEMPT WASTES (type and) exercit	fort process of the waste)
VASTE GENERATION PROCESS:	DRILLING COM	PROI	DUCTION GAT	THERING LINES
All non-exempt E&P	NON-EXEMPT F&P Waste/ waste must be analysed and be below the th	Service Identification and Amount	trability Convenience and Reservoiry	
on-Exempt Other			n-Exempt Waste List on back	
UANTITY	B - BARRELS		20 Y-YARDS	E - EACH
nereby certify that the above listed material(s), is (ar	e) not a hazardous waste as defined by 40 (CFR Part 261 or any applicable state b		erly described, classified a
ORLANDO GONZALO	32	DATE	drana Mate	wono
idress 1407 Haston Rd	Rental LLC shed NM 88220	Driver's Name Print Name Phone No. Truck No.	2 ent to the disposal facility listed bek	ow.
TRUCK TIME STAMP	DISPOSA	AL FACILITY	RECEIVING Name/No.	AREA
e Name/ rmit No. dress Red Bluff Facility/ STF-065 1053/JS trehwal 286, Orla, 7/797 NORM READINGS TAKEN? (Sircle One) Chloride	A Halfue	y Tacky	48-4239 micro roentgens? (circle one)	YES NO
emical Analysis (Mg/l)	TANKE	(mmhos/cm)		На
Gauge Feet d Gauge	Inches		LS Received B Free Water al Received	IS&W (%)
I hereby certify that the above load material has be	en (circle ane) ACCEPTED D	If denied, why?	SIGNATURE	

Received by OCD: 7/26/2022 9:02:07 AM

Page 165 of 391



Contaminated Soil (RCRA Exempt)

Permian Basin

NOVO OIL & GAS NORTHERN Customer:

Customer #: CRI4317

Ordered by: BRYAN HANEY

AFE #: PO #:

Manifest #: 8005127

Manif. Date: 4/8/2022 Hauler: **RICO & SONS TRUCKING**

MANUEL Driver Truck # 01

Card # Job Ref#

700-1292315 Ticket #: Bid #:

O6UJ9A000J90 Date: 4/8/2022

NOVO OIL & GAS NORTHERN Generator:

Generator #:

999908 Well Ser. #:

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

NON-DRILLING Rig: EDDY (NM) County

Facility: CRI

Product / Service

Quantity Units

20.00 yards

Generator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as imended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Priver/ Agent Sign	nature
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R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: Date:

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR

Received by OCD: 7/26/2022-9:02:07 AM Ordered by: BRYAN HANEY Page 167 of 391

Permian Basin

ENVIRONMENTAL

SOLUTIONS

NOVO OIL & GAS NORTHERN Customer:

8005135

Customer #: CRI4317

Ticket #. Bid #:

700-1292362 O6UJ9A000J90

Date: 4/8/2022 Generator: **NOVO OIL & GAS NORTHERN**

Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Manif. Date: 4/8/2022 PITCHFORK DIRT & RENTAL L Well #:

Hauler: Driver JOSE Truck #

AFE #: PO #:

Manifest #:

Field: 14 Field #:

NON-DRILLING Rig: Card # Job Ref# EDDY (NM) County

Facility: CRI

Product//Service: 1

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not relieved with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed bazerdous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge

Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:

Date: 4-8

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION* Name Bryon Honey

Company Man Contact Information 391

itratiens (Phone No. 361 678	7 01 66
			2	GENER	AUGR //	Hades NO. 8	3005135	
Operator No.	100	21/2	V1274 VD YC		Permit/RRC No. Lease/Well	100000000000000000000000000000000000000		_
Operators Name	Novo	OIL+	gas clo		Name & No.	North Los	apqc	
Address	1001 u	lest wil	hire Bl	vd	County	Eddy	·	
City State 71-	Oklobe	-0 C.I	, OK 33	116	API No. Rig Name & No.			-
City, State, Zip Phone No.	361 6	58 31	26		AFE/PO No.	NA		
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Water Based Cutti	-		Produced Water (N					
Produced Formation	on Solids			ter/Waste (Non-Injectable)				
Tank Bottoms E&P Contaminated	d Soil	x	Truck Washout (ex	Yempt waste)				
Gas Plant Waste			1 200 1100			L		
WASTE GENERA	TION PROCESS:		DRILLING	☐ COMPLE	TION 🔀	PRODUCTION	GATHERING LINES	
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Non-Exempt Other						m Non-Exempt Waste List		
QUANTITY	*		В	- BARRELS		2 Ø Y-YARDS	E · E/	АСН
				-	art 261 or any applicable	state law. That each waste h	nas been properly described, clas	sified and
nackaged and is in		and the second	according to applicate enerated from oil and	-	ection operations and are	not mixed with non-exempt:	waste (R360 Accepts certification	ns on a per
		27/20/2			•	•		•
RCRA EXEM	APT:	ad basis only)						
	PET: (A -EXEMPT: C	il field waste wh 61.21-261.24, o	listed hazardous wa		art 261, subpart D, as ame		stics established in RCRA regulatentation demonstrating the wast	
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NAME (PRINT)

AM Customer: Received by OCD: 7/26/2022 9:02:07 Page 169 of 391 700-1292366 NOVO OIL & GAS NORTHERN Ticket #. O6UJ9A000J90 Bid #: Customer #: CRI4317 4/8/2022 Ordered by: BRYAN HANEY Date: Generator: NOVO OIL & GAS NORTHERN AFE #: Generator #: PO #: Well Ser. #: 999908 8005134 **ENVIRONMENTAL** Manifest #: Well Name: HADES NORTH LOOP SOLUTIONS Manif. Date: 4/8/2022 PITCHFORK DIRT & RENTAL L Well #: Hauler: Permian Basin Field: Driver HOLMON Field #: 122 Truck # NON-DRILLING Rig: Card # EDDY (NM) Job Ref# County Facility: CRI Quantity Units Product / Service 20.00 yards **Contaminated Soil (RCRA Exempt)** Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 of listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waster is non-hazardous/(Check the appropriate items): Other (Provide description above) _ MSDS Information _ RCRA Hazardous Waste Analysis Process Knowledge R360 Representative Signature Driver/ Agent Signature Customer Approval S IS NOT AN INVOICE!

Date:

Approved By:

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

REQUIRED INFORMATION

Page 170 of 391

Company Man	Contact Information
Vame Boron	Honey

					3		Phone	No. 361 6	00 012
erator No. erators Name dress	ovo Oll 01 West u	+QAS (7.0 (0)	ganara)	Permit/RRC No. Lease/Well Name & No. County API No.	North Eddy	NO. 800 Loop)5134	
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Received by OCD: 7/26/2022/9:02:0 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	BRYAN HANEY 8005133	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1292371 O6UJ9A000J90 4/8/2022 NOVO OIL & GAS 999908 HADES NORTH L	
Facility: CRI					
Product / Service		Quantity U	nits		- A
Contaminated Soil (RCRA Exemp	ot)	20.00	yards		
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Customer Approval					
	THIS	S IS NOT AN INVOIC	E!		

Approved By:	Date:

(PLEASE PRINT) *REQUIRED INFORMATION*
Name Bryon Honey
Phone No. 361 658 3126

Operator No.		GENERA	OR Permit/RRC No.	^{NO.} 80	005133
Address 1001 west	+ GAS LLC wilshipe Blud		Lease/Well Name & No. County API No.	North Loop Eddy	
City, State, Zip OKlahomo	aly OK 731	126	Rig Name & No. AFE/PO No.		
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms	Washout Water (Non-I Completion Fluid/Flow Produced Water (Non-I Gathering Line Water/ INTERNATIONS: ONLY **	njectable) back (Non-Injectable) Injectable) Waste (Non-Injectable)		işteriypelinbandışıdır. OTHERISZEMARWASTESIÇIŞESTA	
E&P Contaminated Soil X Gas Plant Waste WASTE GENERATION PROCESS:	Truck Washout (exemp	COMPLETIO	X	PRODUCTION [GATHERING LINES
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OR LANDO GONZ (PRINT) AUTHORIZED AGENTS SIGNATURE	בפע		DATE		HGNATURE
ransporter's Pitch Fork de	nd Jan J	TRANSPOR	Driver's Name Print Name Phone No.	Israe	1 Game 12
hone No. hereby certify that the above named materia	A V 30 14 15 14		Truck No.	1.	sted below.
SHIPMENT DATE	DRIVER'S SIGNATURE	m - v v		TY DATE	DRIVER'S SIGNATURE
TRUCK TIME STA	AMP	DESCOREGE	Kelliny.	RECEIN Name/No.	/ING AREA
te Name/ ermit No. ddress Osaularijankas/85/00	Half	(Lan)	Phone No.	432-448-4239	
NORM READINGS TAKEN? (Circ Chloride nemical Analysis (Mg/l)	tle One) YES	NB)	If YES, was reading Conductivity (mmhos/cm)	ng > 50 micro roentgens? (circle o	ne) YES NO
Foot		14/1/1/19 PE	ONS		
st Gauge nd Gauge eceived	Inches		BS8	W/BBLS Received Free Water Total Received	8S&W (%)
I hereby certify that the above load materia	I has both (circle ope) A	CEBEC DENIED	Vdenied Wy?	0	
NAME (PRINT)	DATE		TITLE	7	IGNATURE

Received by OCD: 7/26/2022 9:02:07 Page 173 of 391 Customer: **NOVO OIL & GAS NORTHERN** Ticket # 700-1292373 Customer #: CRI4317 Bid #: O6UJ9A000J90 Ordered by: BYRAN HANEY Date: 4/8/2022 AFE #: Generator: **NOVO OIL & GAS NORTHERN** PO #: Generator #: :NVIRONMENTAL Manifest #: 8005132 Well Ser. #: 999908 SOLUTIONS Manif. Date: 4/8/2022 Well Name: HADES NORTH LOOP PITCHFORK DIRT & RENTAL L Well #: Hauler: 'ermian Basin Driver RUBEN Field: Truck # 15 Field #: Card # Rig: **NON-DRILLING** Job Ref# County EDDY (NM) acility: CRI 'roduct / Service Quantity Units Contaminated Soil (RCRA Exempt) 20.00 yards Jenerator Certification Statement of Waste Status hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental rotection Agency's July 988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and archotymixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minigrum standards for waste hazardous by haracteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as mended. The following documentation is attached to demonstrate the above-described waste is non-harardous. [Check the appropriate items]: _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge Other (Provide description above) river/ Agent Signature R360 Representative Signature ustomer Approval THIS IS NOT AN INVOICE!

Date:

Approved By:

MAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION Name Bryon Honey
Phone No. 361 668 3126

		(ED)	IH: (ANTOR III)	NO. §	3005132
Address 100	OLL+ Aps	CCC Blvd OK 73116	Permit/RRC No. Lease/Weil Name & No. County API No.	North Loo Eddy	P
City, State, Zip Phone No. 36 J	668 3126	OK 43110	Rig Name & No. AFE/PO No.		
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	inda-ind Washout Complett Produced Gatherin INTERNA Truck Wa	CTABLE WATERS Water (Non-Injectable) on Fluid/Flow back (Non-Inject I Water (Non-Injectable) t Line Water/Waste (Non-Injectable) USE ONLY Ishout (exempt waste)	able)	© OTRERIÐSMJAWAST≥∜O	pe and generation process of the waste) (2011) (2012)
	SS: DRILLING	NON-EXEMPTIESP WASH		ount	d Reactivity.
QUANTITY		B - BARRELS		ZO Y-YARDS	E - EACH
ORLANDO IPRINTI AUTHORIZIO AGENT	MSDS Information CONZALEZ	k the appropriate items as pro		Other (Provide Description I	Below)
Transporter's Pich (Name Address 1407 Po Bot Phone No. I hereby certify that the above no. SHUPALENT DATE	FSO 75 FOR dirt + Re Hoston Rd 691 Codebo	ntal LCC NM 88220 ed up at the Generator's site lis	Oriver's Name Print Name Phone No. Truck No. sted above and delivered without	Cuben Vo	dives
	IME STAMP OUT:	The second second second	YANTAX CILIDY III		CEIVING AREA
	TAKEN (Circle One) YES	6	Phone No. If YES, was read	432-448-4239 ing > 50 micro roentgens? {cir	cle ane) YES NO
Chloride Chemical Analysis (Mg/I)			Conductivity (mmhos/cm)_		рН
1st Gauge 2nd Gauge Received	Feet	Inches		&W/BBLS Received Free Water Total Received	BS&W (%)
I hereby certify that the above	e load material has been (circle o	DATE	DENIED II denied, wh	<u>'C</u>	SEGNATURE



Permian Basin

Customer:

Manifest #:

AFE #:

PO #:

Driver

NOVO OIL & GAS NORTHERN Customer #: CRI4317

Ticket #: Bid #: Date:

700-1292378 O6UJ9A000J90

4/8/2022

NOVO OIL & GAS NORTHERN

Generator: Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Manif. Date: 4/8/2022 PITCHFORK DIRT & RENTAL L Well #: Hauler:

Truck # 15

Ordered by: BRYAN HANEY

8005131

ROGELIO Field: Field #:

Rig: Card # **NON-DRILLING** Job Ref# EDDY (NM) County

Facility: CRI

Product/Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not execed the minimum standard for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous, (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge Other (Provide description above)

Driver/ Agent Signature

R360/Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: Date:

t6UJ9A01NCN6 4/8/2022 6:26:36PM

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION* Name Brown

perator No.	GENE	Permit/RRC No.	NO. 8005131
7.7	1 Wilshire Blud	Lease/Well Name & No. County API No.	th Loop
r, State, Zip Oklahomi one No. 361 658	a C.t. OK 73116 3 3126	Rig Name & No.	
Based Muds Based Cuttings Iter Based Muds Iter Based Cuttings Iter	E&P.Waste/Service identification and Amount (j NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable INTERNALUSE) Truck Washout (exempt waste)	OTHERIEXEMI	errels on cybio yards). 21.WASTES (type and) energion process of the wasta)
s Plant Waste ASTE GENERATION PROCESS:	☐ DRILLING ☐ COMPL	ETION PRODUCTIO	n GATHERING LINES
All non-exer	NON-EXEMPT E&P. Waste/Serving to E&P. Waste/Serving to E&P. Waste Must be analysed and be below the thres	vice Identification and Amount Sheld limits for toxicity (TCLP), Ignitability *please select from Non-Exemp	
ANTITY	B - BARRELS	20	Y - YARDS E - EACH
RCRA EXEMPT: Gil field load ba RCRA NON-EXEMPT: Oil field 261.21-hazardo	wastes generated from oil and gas exploration and products only) I waste which is non-hazardous that does not exceed the 261.24, or listed hazardous waste as defined by 40 CFR, pous is attached. (Check the appropriate items as provided information RCRA Hazardous Waste Ans	eminimum standards for waste hazardous part 261, subpart D, as amended. The folk d)	by characteristics established in RCRA regulation
RCRA EXEMPT: Oil field load ba RCRA NON-EXEMPT: Oil field 261.21-hazarde MSDS II	sis only) U waste which is non-hazardous that does not exceed the 261.24, or listed hazardous waste as defined by 40 CFR, pous is attached. (Check the appropriate items as provided information RCRA Hazardous Waste And	e minimum standards for waste hazardous part 261, subpart D, as amended. The folk d) alysis	by characteristics established in RCRA regulation owing documentation demonstrating the waste a
RCRA EXEMPT: Gil field load ba RCRA NON-EXEMPT: Oil field 261.21-hazardo MSDS II CRANDO CO (PRINT) AUTHORIZED AGENTS SIGNATURE SPORTER'S PICHFORK ESS 1407 Hash Ro Dox 692	sis only) I waste which is non-hazardous that does not exceed the 261.24, or listed hazardous waste as defined by 40 CFR, pus is attached. (Check the appropriate items as provided information RCRA Hazardous Waste Ani	e minimum standards for waste hazardous part 261, subpart D, as amended. The folkod) alysis Other (Provide DATE	by characteristics established in RCRA regulation owing documentation demonstrating the waste a
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RCRA EXEMPT: Oil field load ba RCRA NON-EXEMPT: Oil field 261.21- hazarde MSDS II CRANDO CO [PRINT] AUTHORIZED AGENTS SIGNATURE SEPORTER'S PADOX 69: THE NO. Red Bluff Facility/ STF- RCRA EXEMPT: Oil field load ba 261.21- hazarde 261.	sis only) I waste which is non-hazardous that does not exceed the 261.24, or listed hazardous waste as defined by 40 CFR, ous is attached. (Check the appropriate items as provided information RCRA Hazardous Waste And DNZIACEZ. IRANSE ONZIACEZ. IRANSE ONZIACEZ. IRANSE ONZIACEZ. IRANSE ONZIACEZ. ON	eminimum standards for waste hazardous part 261, subpart D, as amended. The folk d) alysis	by characteristics established in RCRA regulation owing documentation demonstrating the waste a e Description Below) SIGNATURE DRIVER'S SIGNATURE
RCRA EXEMPT: Oil field load ba RCRA NON-EXEMPT: Oil field 261.21- hazarde MSDS II CPLANDO CO [PRINT] AUTHORIZED AGENTS SIGNATURE SPORTER'S PADOX 69: TRUCK TIME ST OUT: Name/ Red Bluff Facility/ STF- ess 5053 US Highway 285, Ont NORM READINGS TAKEN? (CI Chloride	sis only) I waste which is non-hazardous that does not exceed the 261.24, or listed hazardous waste as defined by 40 CFR, ous is attached. (Check the appropriate items as provided information RCRA Hazardous Waste And DNZBCEZ A PARTICLE ON PART	eminimum standards for waste hazardous part 261, subpart D, as amended. The folk of the fo	e disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA me/No.
I RCRA NON-EXEMPT: I load ba 261.21-hazardo 261.21-hazardo MSDS II OR LANDO COMPRINTI AUTHORIZED AGENTS SIGNATURE ISPORTER'S PARAMETER AGENTS SIGNATURE ISPORTER AGENTS SIGNATURE INCREMENTATION SIGNATURE INC	sis only) I waste which is non-hazardous that does not exceed the 261.24, or listed hazardous waste as defined by 40 CFR, ous is attached. (Check the appropriate items as provided information RCRA Hazardous Waste And DNZBCEZ A PARTICLE ON PART	eminimum standards for waste hazardous part 261, subpart D, as amended. The folk of the fo	e disposal facility listed below. DRIVER'S SIGNATURE RECEIVING AREA me/No.

Received by OCD: 7/26/2022-9:02 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	8005108	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County		
Facility: CRI					
Product / Service		Quantity U	nits		Same that the
Contaminated Soil (RCRA Exen		20.00			
I hereby certify that according to the 1988 regulatory determination, the at X RCRA Exempt: Oil Field wastes RCRA Non-Exempt: Oil field was characteristics established in RCRA mended. The following documentat MSDS Information RCRA	Resource Conserve ove described was generated from oiste which is non-legulations, 40 CF ion is attached to Hazardous Waste	il and gas exploration and production hazardous that does not exceed the mi R 261.21-261.24 or listed hazardous w demonstrate the above described was	operations and inimum standar vaste as defined to s non-hazard Other (Prov	are not mixed with nords for waste hazardou I in 40 CFR, part 261, dous. (Check the approvide description above	on-exempt waste us by subpart D, as copriate items):
Customer Approval		S IS NOT AN INVOIC	1		ELWEST !

t6UJ9A01NCNC

Approved By:

391

236P					(PLEASE PRINT)	required i	NFORMATIO	ON* Name Phone	Brycen Brycen e No. 361	658 31
erator No. erators Name dress	Novo 1001 W	OIL 1 est wits	GAS LLC	(G)	Permit/R Lease/W Name & County	ell i	North Eddy	o. 80(Leop	05108	
y, State, Zip OKlohoo one No. 36, 658		8 3126		API No. Rig Name & No. AFE/PO No.		- 10-				
Based Muds Based Cuttings ater Based Muds ater Based Cutting oduced Formatior nk Bottoms P Contaminated S s Plant Waste	gs 1 Solids	(EMPTIESE V	NON-INICOTABLE (NON-INICOTABLE) Washout Water (Non-Inicotable) Produced Water (Non-Inicotable) Une Washout (Exception of the Inicotable) Truck Washout (exception of the Inicotable)	WATERS fon-Injectable) flow back (Non-In Non-Injectable) iter/Waste (Non-I	njectable)	OTHE	A CONTRACTOR OF THE PARTY OF TH		is)	THE RESIDENCE OF THE PERSON NAMED IN
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	Allin	on-exempt E&F	A CONTRACTOR OF THE PROPERTY O	CANADA MARKET PARKET PA	oste/Service (dentification the threshold limits for to					
-Exempt Other					*please	select from No	n-exempt was	E LISE UN DUCK		
NTITY eby certify that I	roper condition (T: XEMPT:	material(s), is (; for transportati Dil field wastes oad basis only) Dil field waste v 261.21-261.24,	ore) not a hazardous won according to applic generated from oil and which is non-hazardous	able regulation. d gas exploration s that does not ex aste as defined by	by 40 CFR Part 261 or any a and production operations exceed the minimum standa y 40 CFR, part 261, subpart	oplicable state k and are not mi	Z Ø Y- aw. That each of the control	YARDS waste has beer xempt waste (I racteristics est	n properly descr R360 Accepts ce ablished in RCR	rtifications on a
ANTITY reby certify that to taged, and is in p RCRA EXEMP RCRA NON-E	roper condition T: XEMPT:	material(s), is (a for transportati Oil field wastes oad basis only) Oil field waste v 261.21-261.24, nazardous is att	ore) not a hazardous won according to applic generated from oil and which is non-hazardous was ached. (Check the applicant)	vaste as defined b able regulation. d gas exploration s that does not ex aste as defined by	oy 40 CFR Part 261 or any a and production operations exceed the minimum standa y 40 CFR, part 261, subpart s provided)	and are not mi ds for waste ha D, as amended.	Z Ø Y- aw. That each of the control	YARDS waste has beer xempt waste (I racteristics est locumentation	n properly descr R360 Accepts ce ablished in RCR	ibed, classified rtifications on a
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RCRA EXEMP RCRA EXEMP RCRA NON-E PROPRIET AUT IPPROVIDA IPPROVIDA SHIPMENTO T Name/ mit No. Ress Solutions Ress	TE SEMPT: CONTROL OF THE SEMPT: CONTROL OF THE SEMPT: CONTROL OF THE SEMPT SEARCH SEAR	material(s), is (a for transportation of transportation of the state o	re) not a hazardous won according to applic generated from oil and which is non-hazardous was ached. (Check the applicant of the control of t	vaste as defined by able regulation. d gas exploration s that does not explore as defined by propriate items as RCRA Hazardous V	oy 40 CFR Part 261 or any all and production operations acceed the minimum standary 40 CFR, part 261, subpart is provided) Waste Analysis OATE ANSPORTER Driver's No Print Nan Phone No Truck No te listed above and delivere	oplicable state is and are not miled for waste had as amended. Other of the control of the cont	Z Ø Y- aw. That each of the control	YARDS waste has been xempt waste (if racteristics est documentation iption Below) Sign Sign RECEIVI	n properly descr R360 Accepts ce sablished in RCR demonstrating	ibed, classified a rtifications on a A regulations, 4 the waste as no

DENIED

1st Gauge 2nd Gauge Received

ACCEPTED I hereby certify that the above load material has been (circle one)

BS&W/BBLS Received Free Water Total Received 8S&W (%)

NAME (PRINT)

Received by OCD: 7/26/2022 9:02:07 ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	BRYAN HANEY 8005107	Ticket #: Bid #: Date: Generator; Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 179 of 391 700-1292384 O6UJ9A000J90 4/8/2022 NOVO OIL & GAS NORTHERN 999908 HADES NORTH LOOP NON-DRILLING EDDY (NM)
Facility: CRI Product / Service	an de san Mallan	Quantity U	ut vi kana in de	× 1.0° (1882-180)
Contaminated Soil (RCRA Exempt	A PARTY OF THE SAME A SHAPE	20.00		
Generator Certification Statement I hereby certify that according to the Res 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes get RCRA Non-Exempt: Oil field wastes characteristics established in RCRA regulamented. The following documentation MSDS Information RCRA Ha Driver Atent Signature	source Conserve described was nerated from oi which is non-hulations, 40 CFl	ation and Recovery Act (RCRA) and ste is: I and gas exploration and production nazardous that does not exceed the mit R 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and nimum standar aste as defined te is non-bazaro Other (Prov	are not mixed with non-exempt wasteds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items):

THIS IS NOT AN INVOICE!

Approved By:	Date:
. ipprovod 53.	Date.

Company Man Contact Information 391

(PLEASE PRINT) *REQUIRED INFORMATION* Name Brian Homey
Phone No. 361 658 3126

A		GENERA		NO. 8	3005107
Address 100		o Bivd	Permit/RRC No. Lease/Well Name & No. County API No. Rig Name & No.	North Lan	22
Phone No.	ta sona City	OK 13110	AFE/PO No.		
	EXEMPT E&P Waste/Sen	ice (dentification and Amount (place	Western State of the State of t	iste type in barrels or cub	lc yards)
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	Washou Comple Produce Gatheri INTERN.	DEGTABLE:WATERS It Water (Non-Injectable) Ition Fluid/Flow back (Non-Injectable) Itid Water (Non-Injectable) Itid Water (Non-Injectable) Itid Water/Waste (Non-Injectable) ALTUSE ONLY Jashout (exempt waste)			The state of the s
WASTE GENERATION PRO	CESS: DRILLIN	IG COMPLETION	<u> </u>	PRODUCTION	GATHERING LINES
Non-Exempt Other	All non-exempt E&P vested mus	NON-EXEMPTLERP Waste/Scroled Id t be analysed and be below, the threshold I	mits for toxicity (TCL		
QUANTITY		B - BARRELS		Z Ø Y-YARDS	E - EACH
	dition for transportation according Oil field wastes generated (load basis only) Oil field waste which is non 261.21-261.24, or listed ha	from oil and gas exploration and production	n operations and are	not mixed with non-exempt v	waste (R360 Accepts certifications on a per citics established in RCRA regulations, 40 CFR ntation demonstrating the waste as non-
O RLANDO (PRINT) AUTHORIZED AG	CONZALEZ INTS SIGNATURE		DATE	Odlicha	SAGNATURE
Transporter's Pitch Name Id@7 Po Bo	Fork dirt + Re Haston Rd	intel LLC and NM BB220	Driver's Name Print Name Phone No.	Alfanos U	Jakusno
Phone No. I hereby certify that the above Stopment DATE		ked up at the Generator's site listed above	Truck No. and delivered withou	t incident to the disposal faci	Tity listed below.
TRUCK	TIME STAMP OUT:	DISPOSATE A	KEJ JUNYAT P	REC Name/No.	EIVING AREA
Address 5053 US HIE	Facility/ STF-065 May 285, pril X 1920 GS TAKEN? (Circle One)	at way		432-448-4239 ng > 50 micro roentgens? (circ	de one) YES NO
Chloride Chemical Analysis (Mg/l)			Conductivity (mmhos/cm)		pH
1st Gauge 2nd Gauge Received	Fect	Inches		.W/BBLS Received Free Water Total Received	BS&W (%)
I hereby certify that the ab	ove load material has been longle	DATE DENIED DENIED	If Itynied, why?		SIGNATURE

Received by OCD: 7/26/2022 9:02:07 AM NOVO OIL & GAS NORTHERN Customer: Ticket #: Customer #: CRI4317 Bid #: Date:

Ordered by: BRYAN HANEY

RUBEN

15

AFE #: PO #:

Manifest #: 8005104 Manif. Date: 4/9/2022

Hauler: Driver Truck #

Card # Job Ref# 700-1292502

O6UJ9A000J90

4/9/2022 NOVO OIL & GAS NORTHERN

Page 181 of 391

Generator: Generator #:

999908 Well Ser. #:

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

NON-DRILLING Rig: EDDY (NM) County

Facility: CRI

Permian Basin

Product / Service

SOLUTIONS

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

RICO & SONS TRUCKING

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date:

(PLEASE PRINT) *REQUIRED INFORMATION* I

Company Man C. Page 182 of 391

Marin	7		11.	20 ()
Manne	197	100	14636	Cy
DI		-/1	1151	7, 7,

		GENERAT	OR	NO.	8005104	
erator No. erators Name Novo oil+ dress Lool woll co	Chas LLC		Permit/RRC No. Lease/Well Name & No. County API No.	North Lo		
y, State, Zip Oklahoma one No. 361-658312	(11x04 73116	5	Rig Name & No.			
	P Waste/Service Identifical	tion and Amount inlace		easte type in harrels or re	abic whereal	
Based Muds Based Cuttings ater Based Muds ater Based Cuttings bduced Formation Solids nk Bottoms P Contaminated Soil s Plant Waste	NON-INIECTABLE WATE Washout Water (Non-Ir Completion Fluid/Flow Produced Water (Non-I Gathering Line Water/V INTERNAL USE ONLY Truck Washout (exemple	ERS njectable) back (Non-Injectable) injectable) Waste (Non-Injectable)		SOTHER EXEMPT WASTES (The waste)
ASTE GENERATION PROCESS:	DRILLING	COMPLETION	v X	PRODUCTION	GATHERING I	INES
All nan-exempt E i-Exempt Other	NON-EXE & vaste must be analysed or	MPT 68P Waste/Service Id no be below the threshold I	mits for toxicity (TC)			
ANTITY	B - BA	ARRELS		ZO Y-YARD	DS .	E - EACH
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8005118

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AFE #:

Truck #

Manifest #:

PO #:



Permian Basin

Customer #: CRI4317

Ordered by: BRYAN HANEY

Bid #:

O6UJ9A000J90 4/9/2022

Date: NOVO OIL & GAS NORTHERN Generator:

Generator #

Well Ser. #:

999908

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Well Name: HADES NORTH LOOP Manif. Date: 4/9/2022

Hauler: PITCHFORK DIRT & RENTAL L Well #: Driver **ROGELIO**

Field: Field #:

Card # **NON-DRILLING** Rig: Job Ref# EDDY (NM) County

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/	Agent Signature	
0114017	Agoni oignaturo	

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	Date:		

		GENERATO	R	NO	8005	112
perator No		p	ermit/RRC No.		10000	T T O
perators Name Novo O	1 + CAS L	.60	ease/Well ame & No	North 1	Loop	
ddress 1001 wes	Wilshire 1	Blud	ounty	Eddy	'	
ity, State, Zip Oklahomi	a City OK	22147	PI No.		_	
	3126		ig Name & No. FE/PO No.	_		
ЕХЕМРТ	E&P Waste/Service Id	entification and Amount (place vol	ume next to wa	ste type in barrels or	cubic yards)	
oil Based Muds Dil Based Cuttings	NON-INJECTAB Washout Wate	LE WATERS r (Non-Injectable)		OTHER EXEMPT WASTE	S Itype and generation	in process of the waste)
Vater Based Muds Vater Based Cuttings	Completion Flu	id/Flow back (Non-Injectable) er (Non-Injectable)				
roduced Formation Solids	Gathering Line	Water/Waste (Non-Injectable)				
nk Bottoms &P Contaminated Soil	Truck Washout	(exempt waste)				
as Plant Waste ASTE GENERATION PROCESS:	DRILLING	COMPLETION	×	PRODUCTION	GATI	HERING LINES
	To your	NON-EXEMPT E&P Waster/Survice Identi				
		alysed and be below the threshold limit	s for toxicity (TCLF	P), Ignitability, Corrosivit		
n-Exempt Other			*please select froi	m Non-Exempt Waste L	ist on back	
ANTITY		B - BARRELS		20 Y-YA	RDS	E - EACH
kaged, and is in proper condition for tran Cil field load ba: RCRA NON-EXEMPT: Oil field 261.21- hazarde MSDS Ir	sportation according to ap wastes generated from oi is only) waste which is non-hazard 261,24, or listed hazardous		erations and are r standards for wa ubpart D, as ame	not mixed with non-exen	npt waste (R360 Ar steristics establishe umentation demor ion Below)	ccepts certifications on a
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Received by OCD: 7/26/2022 9:02:07 AM

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Permian Basin

NOVO OIL & GAS NORTHERN Customer: Customer #: CRI4317

Ordered by: BRYAN HANEY

Bid #: Date:

700-1292507 O6UJ9A000J90

4/9/2022

NOVO OIL & GAS NORTHERN Generator:

Generator #:

Ticket #:

PO #: Well Ser. #: 999908 Manifest #: 8005106

Well Name: HADES NORTH LOOP Manif. Date: 4/9/2022

Hauler: PITCHFORK DIRT & RENTAL L Well #: **JOSE** Field: Driver

Truck # 14 Field #: **NON-DRILLING** Card # Ria: Job Ref# County EDDY (NM)

Facility: CRI

Product / Service Quantity Units

AFE #:

Contaminated Soil (RCRA Exempt) 20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): __ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOIC

Approved By

Date:

RDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) REQUIRED INFORMATION Name Bryon Manchiner Page 186 of 391

(PLEASE PRINT) REQUIRED INFORMATION Name Bryon Manchiner Page 186 of 391

(PLEASE PRINT) REQUIRED INFORMATION Name Bryon Manchiner Page 186 of 391

(PLEASE PRINT) REQUIRED INFORMATION Name Bryon No. 361 638 3126

		0.7367	GENERATOR	1//	NO. 8005106	
Operator No			Permit/R Lease/We			-
Operators Name No	DUC ON + CP	5 (40	Name &	X 3 - 1 A	Loop	
Address ICC	or west with	hive Blud	County	Eddy		_
0	te l'	- 1 - 224	API No.			
7	41 648 3126	C11 Ox 7311				-
Phone No 24			AFE/PO N			
Oil Based Muds	EXEMPT E&P Wa	ste/Service Identification and NON-INJECTABLE WATERS	Amount (place volume ne	THE RESERVE AND ADDRESS OF THE PARTY OF THE	'els Or dubic yards) WASTES (type and generation process of the waste)	
Oil Based Cuttings		Washout Water (Non-Injectable				
Water Based Muds Water Based Cuttings		Completion Fluid/Flow back (No Produced Water (Non-Injectable				
Produced Formation Solid Tank Bottoms	s	Gathering Line Water/Waste (N	on-Injectable).			
E&P Contaminated Soil	Х	Truck Washout (exempt waste)	N. Stanovskierow			
Gas Plant Waste WASTE GENERATION P	227200	DRILLING	COMPLETION	V propustion	CATHEDING UNIE	_
WASTE GENERATION P	ROCE33;	DRILLING [COMPLETION	PRODUCTION	GATHERING LINES	
	All non-exempt E&P w	NON-EXEMPT E& aste must be analysed and be be	P Waste/Service Identification low the threshold limits for tox		rosivity and Reactivity	
Non-Exempt Other			*please	select from Non-Exempt W	/aste List on back	
QUANTITY		B - BARRELS		20	Y - YARDS E - EACH	
				pplicable state law. That ea	rch waste has been properly described, classified a	nd
		according to applicable regulation according to applicable regulation and gas explora		and are not mixed with no	n-exempt waste (R360 Accepts certifications on a	per
X RCRA EXEMPT:	load basis only)					
RCRA NON-EXEMP					characteristics established in RCRA regulations, 40 ng documentation demonstrating the waste as nor	
		hed. (Check the appropriate item		o, as amended the follows	and an entire to the state of t	,
	MSDS Information	RCRA Hazardo	us Waste Analysis	Other (Provide De	escription Below)	
60					=	
ORLAND		ALEZ	DATE		OCHANIDE	_
(PRINT) AUTHORIZE	D AGENTS SIGNATURE	7			SIGNATURE	_
Transporter's			RANSPORTER	1		
Name 2 +	ch fork dir	++ Renled C	C C Driver's N	Jame Nase 6	Tamez	
Address 40	7 Hoslan 1	24	Print Nan	ne C		
Pc Bo	CX 691 (con	blad NM 88	2200 Phone No			
Phone No.			Truck No.		(Polisher)	_
I hereby certify that the ab	ove named material(s) was/	were picked up at the Generator	s site listed above and delivere	ed without incident to the d	isposal facility listed below.	
SHIPMENT DATE		DRIVER'S SIGNATURE		4-9-22 FLIVERY DATE	DRIVER'S SIGNATURE	
TRU	CK TIME STAMP	DIS	POSAL FACILITY	Υ	RECEIVING AREA	
IN:	OUT:			Nam	e/No. 00 /01	
Site Name/		Halfwa	Phone No			
4.4.4	uff Facility/ STF-065		Y PHONE NO	432-448-4239		
	Highway 285, Orle, TX 702		If yes	and and in a FO wises some	https://feirgle.gue/	_
Chloride	DINGS TAKEN? (Circle One)	YES NO	Conducti			
Chemical Analysis (Mg/l)_		-	(mmho	s/cm)	рН	_
	Feet	Inches	ANK BOTTOMS	200		
1st Gauge	1661	mones		BS&W/BBLS Received	BS&W (%)	
2nd Gauge Received				Free Water Total Received		
Veccinen V	1			Total Received	l. I	
I hereby certify at the	hyoye load rhaterial bas be	en(circle one):	DENIEDY IF deni	ed, why?		
7.0	www la	4/9	Muc		gr 1 /c	
NACE	(entit)	DATE	TITLE	_	SIGNATURE	

Received by OCD: 7/26/2022 9:02:07 AM

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SOLUTIONS

Permian Basin

NOVO OIL & GAS NORTHERN Customer:

Customer #: CRI4317

Ordered by: **BRYAN HANEY**

PO #: 8005136 Manifest #:

Manif. Date: 4/9/2022 Hauler: Castillos Trucking **ISRAEL**

Driver Truck #

Card# Job Ref#

AFE #:

700-1292513 Ticket #: Bid #:

O6UJ9A000J90 Date:

4/9/2022 NOVO OIL & GAS NORTHERN Generator:

Generator #:

999908 Well Ser. #:

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

Rig: **NON-DRILLING** County EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

oriver/ A	Agent Si	gnature
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R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE

Approved By: Date:

Page 188 of 391

C.O.	mpany ivian	TOPICAL ALIES	HALL HOLL
Name	Boycun	Hancy	
Phone	NO. 361	658 31	26

		GENERAT	OR	NC.	8005136
Operator No			Permit/RRC No. Lease/Well	Hadres	
Operators Name Nov	O OIL+ CALLE		Name & No.	North L	000
Address 1001	o one GAS LCO	3/21	County	Eddy	
1001074	COCCE CONSTRUCT		API No.		1.
ity, State, Zip 0/4/	Whoma City OK	73116	Rig Name & No.		NA
Phone No	be to sail of the		AFE/PO No.		
Non the	EVENADT CO.O Marra/Camiles Id	entification and Amount (place		acto tuna in harrale o	r cubic uncole)
Oil Based Muds	NON-INDECTABLE		volume next to wa		ES (type and a minute notice of the waste)
Oil Based Cuttings		er (Non-Injectable)			
Water Based Muds		uid/Flow back (Non-Injectable)			
Water Based Cuttings Produced Formation Solids		er (Non-Injectable) • Water/Waste (Non-Injectable)			
Tank Bottoms	INTERNALUSE	ONLY	DESCRIPTION OF THE PERSON OF T	1	
E&P Contaminated Soil Gas Plant Waste	X Truck Washou	t (exempt waste)			
WASTE GENERATION PROC	CESS: DRILLING	COMPLETION	[x]	PRODUCTION	GATHERING LINES
THE STATE OF THE S					
	All non-exempt E&P waste must be an	NON EXEMPT E&P Waste/Service life halvsed and be below the threshold life			ity and Reactivity.
Non-Exempt Other		the state of the s		om Non-Exempt Waste	
QUANTITY		B - BARRELS		277 Y-Y	YARDS E - EACH
77 77 74 74 74 74 74 74 74 74 74 74 74 7	listed material(s) is (are) not a hazardo		61 or any applicable	20	aste has been properly described, classified an
	dition for transportation according to a		, , , , , , , , , , , , , , , , , , , ,		
RCRA EXEMPT:	Oil field wastes generated from o	il and gas exploration and production	operations and are	not mixed with non-exe	empt waste (R360 Accepts certifications on a p
MI WENN EVENILLY	load basis only)				
RCRA NON-EXEMPT:					octeristics established in RCRA regulations, 40 (
			i1, subpart D, as ame	ended. The following do	cumentation demonstrating the waste as non-
	hazardous is attached. (Check the	appropriate items as provided)	-		
	MSDS Information	RCRA Hazardous Waste Analysis		Other (Provide Descrip	ition Below)
OPLANDO	O GONZACEZ				
(PRINT) AUTHORIZED AGE!	NISSIGNATURE		DATE		SIGNATURE
bka	end Sch S	TRANSPOR	RTER	1	
Transporter's			61 1 1	1-10	0 ()
Name Litchs	fork durt + Renta	1 666	Driver's Name	15,00	C Conzalz
Address 1407	Haston Rd		Print Name		
Po Bo	x 691 Contabad	NM 88220	Phone No.	-	
hone No.			Truck Na.	X	
hereby certify that the above a	named material(s) was/were picked up	at the Generator's site listed above a	and delivered withou	it incident to the disposi	al facility /sted below.
			04-09	-71	Israel,
SHIPMENT DATE	DRIVER'S SIGNATUR	AC	DELIVE	RYDATE	DRIVER'S SIGNATURE
TRUCK	TIME STAMP	DISPOSAL FA	CILITY		RECEIVING AREA
N:	OUT:			Name/N	in. 28
	- 0 11	₹C. \.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
ite Name/ Permit No.	PUTTIN STROPE	I+ way	Phone No	432-448-4239	
ddress Asia	Wal 285 60a, WA6778	11			
NOMA READING	GS TAKEN? (Circle One) YES	NO	If YES was reading	ng > 50 micro roentgens	s? (circle one) YES NO
Chloride	an interest (entire solie)	140	Conductivity	ng - 30 tilleto toemigeno	in ferreit one) (ES
hemical Analysis (Mg/l)			(mmhos/cm)		Hq_
		TANK BOTT	OMS		
	Feet	Inches		authoric ~T	
1st Gauge			BS8	&W/BBLS Received Free Water	BS&W (%)
2nd Gauge Received				Total Received	
TICCOTY CU			_	Mary London Mary	
Thereby certify that the abo	ve lead material has been (circle one):	ACCEPTED DENIED	If denied, why?		1
(NV III	your 4	19	N	1 0	
- JAME IPHILE	1	DATE	nitut	(/	Morrange
		3000			

Received by OCD: 7/26/2022 9:02:07 A ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #:	BRYAN HANEY 8005137	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1292516 O6UJ9A000J90 4/9/2022 NOVO OIL & GA 999908 HADES NORTH NON-DRILLING EDDY (NM)	
Facility: CRI			a	(,	
Product / Service		Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)	20.00			
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha	esource Conserve described was encrated from of the which is non- ulations, 40 CF to is attached to	vation and Recovery Act (RCRA) and ste is: il and gas exploration and production hazardous that does not exceed the mi R 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and nimum standar raste as defined te is non-hazaro	are not mixed with ds for waste hazarde in 40 CFR, part 26 dous. (Check the ap	non-exempt wast ous by I, subpart D, as propriate items):
Driver/ Agent Signature Customer Approval	allos	R360 Representative Signature	gnature		
	THI	S IS NOT AN INVOIC	E!		

Approved By: _____ Date: _____

(PLEASE PRINT) REQUIRED INFORMATION Name Bryon Honey Phone No. 36 i 658 3126

			GENERAT	OR	NO	8005137	7
Operator No Operators Name Address	1007 west wil	CAS LLC		Permit/RRC No Lease/Well Name & No County API No	North Eddy		
City, State, Zip Phone No.	015/a home Co 361 658 3126	Ly OK 737	116	Rig Name & No. AFE/PO No.			
	EXEMPT E&P W	aste/Service Identification		olume next to w			
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttin Produced Formatic Tank Bottoms E&P Contaminated Gas Plant Waste	ngs on Solids	Washout Water (Non-Inje Completion Fluid/Flow ba Produced Water (Non-Inje Gathering Line Water/Wa INTERNAL USE ONLY Truck Washout (exempt w	ctable) ck (Non-Injectable) ectable) ste (Non-Injectable)			S fixee and which man process o	
WASTE GENERA	TION PROCESS:	DRILLING	COMPLETION	[X]	PRODUCTION	GATHERING I	LINES
		NON-EXEM waste must be analysed and	PT E&P Waste/Service Ide be below the threshold lin	nits for toxicity (TC	.P), Ignitability, Corrosivit		
Non-Exempt Other				*please select fre	om Non-Exempt Waste L		
QUANTITY		B - BARE	RELS		20 Y-YA	ARDS	E - EACII
OR LI	ANDO GONZA	Lyrnal	ozardous Waste Analysis	DATE	Other (Provide Descript	a Matter	MOS
			TRANSPOR	TER			
Transporter's T Name T Address I Phone No.	407 Haston Ru	rt + Rental	LLC	Driver's Name Print Name Phone No Truck No.	Adriana 1	Matur	V
hereby certify that	t the above named proseriallal wa	ONIO MO	ttetle)	-41 g	122 C	HOULD COME SIGNATURE	Ma
IN:	TRUCK TIME STAMF OUT:		DISPOSAL FA	CILITY	R Name/N	RECEIVING AREA	8
Address	Red Bluff Facility/ STA-065 8053 US Highway 295, Odo, TX/79 RM READINGS TAKEN? (Circle One Chloride	1 1 1	Stew	Conductivity	432-448-4239 ng > 50 micro roentgens?	^o (circle one) YES	NO
	(Mg/I)		TANK BOTT				рн
C Chemical Analysis			TAININ DUTT	WILLIA.			
Address	105-US Highway 295, Oda, TX/79 RM READINGS TAKEN? (Circle One Chloride	1 1 1		If YES, was readi Conductivity (mmhos/cm)		' (circle one) YES	NpH

Received by OCD: 7/26/2022 9:02:07 AM Page 191 of 391 700-1292518 NOVO OIL & GAS NORTHERN Ticket #: Customer: Customer #: CRI4317 Bid #: O6UJ9A000J90 Ordered by: BRYAN HANEY 4/9/2022 Date: NOVO OIL & GAS NORTHERN AFE #: Generator: PO#: Generator #: Manifest #: 8005138 Well Ser. #: 999908 Manif. Date: 4/9/2022 Well Name: HADES NORTH LOOP PITCHFORK DIRT & RENTAL L Well #: Hauler: Permian Basin Field: Driver HOLMON Truck # 122 Field #: Card # Rig: **NON-DRILLING** EDDY (NM) Job Ref# County Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above) R360 Representative Signature **Driver/ Agent Signature**

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:

Date:

Country Man Page 192 of 391

R369	D	1EXAS IN	ON-HAZARDOUS OILF (PLEASE PF			Jame Bryain Henex
Operator No	1		GENERA			005138
Operators Nan Address	ne Novo OLL 10	GAS LLC	vd	Name & No. County API No	North Lo	iop
City, State, Zip Phone No.	Oklahoma 361 658 312	City OK	73116	Rig Name & No. AFE/PO No.		
Oil Based Mud Oil Based Cutti Water Based M Water Based C Produced Forn Fank Bottoms	łs ings Vluds Cuttings	NON-INJECTABLE WAS Washout Water (Non- Completion Fluid/Flow Produced Water (Non-	FERS Injectable) v back (Non-Injectable)	è volume next to w	aste type in barrels or cubic OTHER EXEMPT WASTES (1996	c yards) and generation process of the wasto)
E&P Contamin Gas Plant Was WASTE GENE		Truck Washout (exem	pt waste) COMPLETIC	on 🔀	PRODUCTION	GATHERING LINES
Nan-Exempt Ot			EMPTE&P Waste/Service I and be below the threshold	limits for toxicity (TC	ount LP), Ignitabillty, Corrosivity and om Non-Exempt Waste List on	
QUANTITY		B ~ B	ARRELS		700 Y - YARDS	E - EACH
	MSDS Information		A Hazardous Waste Analysi	DATE	Other (Provide Description Be	signature
Fransporter's Name Address	Pitchfork dirt	.1	TRANSPO	Driver's Name Print Name Phone No.	Holmon	Saling)
Phone No. hereby certify	that the above named material(s) was	/were picked up at the G	senerator's site listed above	Truck No. and delivered withou	it incident to the disposal facilit	y listed Nelson
SHIPI	MENT DATE	DRIVER'S SIGNATURE	DISPOSALE	DETIVE	-	DRIVER'S SIGNATURE
IN:	TRUCK TIME STAMPOUT:		DISPOSAL F	ACILITY	RECE Name/No.	VING AREA 28
iite Name/ Permit No. Address	Red Bluff Facility/ STF-065 5053 US Highway 285, Orla, TX 797	770	_	Phone No.	432-448-4239	
Chemical Analy:	NORM READINGS TAKEN? (Circle One Chloride sis (Mg/l)	YES	©	Conductivity (mmhos/cm)	ng > 50 micro roentgens? (circle	e one) YES NO
	Feet	Inches	TANK BOT		l www.	T province T
Ist Gauge Ind Gauge Received				1358	W/BBLS Received Free Water Total Received	BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED

DENIED

If denied, why?

SIGNATURE

Received by OCD: 7/26/2022 9:02:07 AM Page 193 of 391 NOVO OIL & GAS NORTHERN Ticket #: 700-1292522 Customer: Customer #: CRI4317 Bid #: O6UJ9A000J90

Ordered by: BRYAN HANE Date: 4/9/2022

AFE #: Generator: NOVO OIL & GAS NORTHERN PO #:

Field:

Generator #:

Manifest #: 8005139 999908 Well Ser. #:

Manif. Date: 4/9/2022 Well Name: HADES NORTH LOOP **RICO & SONS TRUCKING** Well #: Hauler:

Truck # 01 Field #: Card# Rig: NON-DRILLING

Job Ref# County EDDY (NM)

MANUEL

Product / Service Contaminated Soil (RCRA Exempt)

Driver

Quantity Units 20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items); __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above) MSDS Information

1/1/1 16.	

R360 Representative Signature

Customer Approval

Driver/ Agent Signature

SOLUTIONS

Permian Basin

Facility: CRI

THIS IS NOT AN INVOICE!

Approved By:	Date:	
. J. L		_

(PLEASE PRINT)

Company Man Conage 194 of 391

*REQUIRED INFORMATION Name Bryon (Joney Phone No. 361 658 3126

			OR	Harring	800513	J
City, State, Zip Cisto homes (d 33/16	Permit/RRC No. Lease/Well Name & No. County API No.	(MORES	O?	
Phone No.	ity OK 7	3116	Rig Name & No. AFE/PO No.	N	1/19	
EXEMPT E&F	Waste/Service Identific	ation and Amount (place v	olume next to wa	iste type in barrels or ci	ubic vards)	
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&F Contaminated Soil Gas Plant Waste WASTE GENERATION PROCESS:	Produced Water (Nor Gathering Line Water INTERNAL USE ONLY Truck Washout (exem	-Injectable) w back (Non-Injectable) n-Injectable) /Waste (Non-Injectable) ipt waste)		OTHER EXEMPT WASTES (
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	LAJ	PRODUCTION	GATHERING	LINES
All non-exempt E Ion-Exempt Other		XEMPT E&P Waste/Service Idel and be below the threshold lin	nits for toxicity (TCL			. If m
YTITNAUŞ	B - I	BARRELS		ZØ Y-YARI	DS .	E - EACH
		A Hazardous Waste Analysis				
OPLANDO (ONZA	1000		DATE		CIGNATURE	
(PRINT) AUTHORIZED AGENTS SIGNATURE			TER		SIGNATURE	
ransporter's Pich & Son ame ddress Page 1407 Hayland blone No.	S 1rt + Rental Rd Corlshad N	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No.	Meuvel 01	Lico	
ransporter's Pick & Sovi ame Dich For Is did did not	S In 1 + Ren + col Rd Corls baced N was/were picked up at the C DRIVER'S SIGNATURE	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No. and delivered without 2/-9- DELIVER	<i>OL</i> t incident to the disposal fa	Lico	JRE
ransporter's ame ddress Pich Fax Is de ddress Po Bax 691 (hone No. SHIPMENT DATE TRUCK TIME STAN	S In 1 + Rea + col Rd Corls baced N was/were picked up at the C DRIVER'S SIGNATURE	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No. and delivered without 2/-9- DELIVER	OL t incident to the disposal for ZOZZ Y DATE	CEIVING AREA	JRE
ransporter's arms porter's porter por	S In the Read of Red Red Corlstand M was/were picked up at the Corlstand The Read DRIVER'S SIGNATURE MP HAIF	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No. and delivered without 2/-9- DELIVER	OL t incident to the disposal for ZOZZ Y DATE	CEIVING AREA	JRE .
TRUCK TIME STAN TO BE A 6 9 / 1 / 1 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2	S Rd Rd Corls keed W was/were picked up at the C DRIVER'S SIGNATURE MP HAIF 179770	TRANSPOR	TER Driver's Name Print Name Phone No. Truck No. and delivered without Light Server CILITY Phone No.	t incident to the disposal for the posal for	CEIVING AREA	JRE NO _pH
ransporter's lame ddress Po Bo & G 91 hone No. hereby certify that the above named material(s) SHIPMENT DATE TRUCK TIME STAN OUT: ite Name/ ermit No. ddress Real Bluff Facility/ STF-065 soss us highway 295, Orla, TX	S In I + Rea + col Red Corl 5 kee d M was/were picked up at the O DRIVER'S SIGNATURE MP HAIF 19970	TRANSPOR M 88 2 2 0 Generator's site listed above at DISPOSAL FA	TER Driver's Name Print Name Phone No. Truck No. and delivered without 2/-9- DELIVER CILITY Phone No. If YES, was reading Conductivity	t incident to the disposal for 2022 Y DATE RE Name/No. 432-448-4239	CEIVING AREA	NO

Received by OCD: 7/26/2022 9:02:07 A BOUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	BRYAN HANEY 8005140	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1292523 O6UJ9A000J90 4/9/2022 NOVO OIL & GA 999908 HADES NORTH NON-DRILLING EDDY (NM)	
Facility: CRI					
Product / Service		Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)	20.00			
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha	source Conserve described was nerated from oil which is non-lulations, 40 CF is attached to a	ration and Recovery Act (RCRA) and ste is: I and gas exploration and production nazardous that does not exceed the mi R 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and nimum standar raste as defined te is non-hazard	are not mixed with a ds for waste hazardo in 40 CFR, part 261 dous. (Check the app	non-exempt wasto bus by I, subpart D, as propriate items);
Driver/ Agent Signature		R360 Representative Signature	gnature		
Jan will Dis your Sustomer Approval					
	THIS	S IS NOT AN INVOIC	E!		
Approved By:		Date:			

Approved By:	Date:	

Company Man CoPlage 196 of 391

(PLEASE PRINT) "REQUIRED INFORMATION" Name Dry an Herrey
Phone No. 361 658 3126

-		GENE	MAIUN	NO.	8005140
Operator No. Operators Name Novo Address 1001	oll cas Li west withing	Blud	Permit/RRC No. Lease/Well Name & No. County	North Lor	
City, State, Zip OK16 Phone No. 36		73116	API No. Rig Name & No AFE/PO No.		
7/600	EXEMPT E&P Waste/Service	Identification and Amount (NO. OF THE OWNER, WHEN PERSONS NAMED IN	A CONTRACTOR OF THE PROPERTY O
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste WASTE GENERATION PROCE	Washout Washou	TABLE WATERS ater (Non-Injectable) Fluid/Flow back (Non-Injectable) //ater (Non-Injectable) //ater (Non-Injectable) //see ONLY out (exempt waste) COMPL)	OTHER EXEMPT WASTES	(type and general don process of the waste) GATHERING LINES
		NON-EXEMPT ERP Waste/Ser			
	All non-exempt E&P waste must be				and Reactivity.
Von-Exempt Other			*please select from	n Non-Exempt Waste Lis	st on back
QUANTITY		B - BARRELS		Y - YAR	RDS E - EACH
RCRA EXEMPT:	load basis only)				
RCRA NON-EXEMPT:	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check times) MSDS Information		part 261, subpart D, as amedd)		eristics established in RCRA regulations, 4 mentation demonstrating the waste as no on Below)
<u></u>	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check to MSDS Information	ous waste as defined by 40 CFR, the appropriate items as provide RCRA Hazardous Waste Ar	part 261, subpart D, as amei d] nalysis DATE	nded. The following docu	mentation demonstrating the waste as no
RCRA NON-EXEMPT: ORLANDO [PRINT] AUTHORIZED AGENT ransporter's ame ddress JADA Dox hone No.	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check ti MSDS Information CONTRE SIGNATURE CONTRE	In the second se	part 261, subpart D, as amend) halysis DATE PORTER Driver's Name Print Name Phone No. Truck No.	Other (Provide Description Gerard	on Below) SIGNATURE
RCRA NON-EXEMPT: PRINTI AUTHORIZED AGENT Transporter's Pame Address Phone No. hereby certify that the above na	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check times MSDS Information) CONZACE SIGNATURE CALL div 1 Renday Jan Rd	In the second se	part 261, subpart D, as amend) nalysis DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	Other (Provide Description Gerard incident to the disposal f	on Below) SIGNATURE Jacility listed below.
RCRA NON-EXEMPT: ORLANDO [PRINT] AUTHORIZED AGENT ransporter's ame ddress Porton Po	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check to MSDS Information CONTRACE S SIGNATURE S ALL ALL ARA GRI Conts Lad ORIVER'S SIGNA.	TRANS LCC WM 88220 up at the Generator's site listed and th	part 261, subpart D, as amend J alysis DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	Other (Provide Description	in Below) SIGNATURE DRIVER'S SIGNATURE
RCRA NON-EXEMPT: PRINTI AUTHORIZED AGENT ransporter's Pich 6 ame ddress Pock hone No. hereby certify that the above na	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check times MSDS Information (ON TIACE To signature) Control of the control of t	TRANS LCC WM 88220 up at the Generator's site listed and th	part 261, subpart D, as amend) nalysis DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without	Other (Provide Description	acility listed below. DRIVER'S SIGNATURE ECEIVING AREA
RCRA NON-EXEMPT: ORLANDO [PRINT] AUTHORIZED AGENT ransporter's Jame ddress Po Do X hone No. hereby certify that the above na SENPMENT DATE TRUCK T N: [ite Name/ ermit No. Red Bluff Face	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check to MSDS Information CONTRACE S SIGNATURE S SIGNATURE ORIVER'S SIGNATURE TIME STAMP OUT:	TRANS LCC WM 88220 up at the Generator's site listed and th	part 261, subpart D, as amend d) nalysis DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVER Phone No.	Other (Provide Description	acility listed below. DRIVER'S SIGNATURE ECEIVING AREA
RCRA NON-EXEMPT: PRINTI AUTHORIZED AGENT PRINTI AUTHORIZED AGENT PROPRINTI AUTHORIZED AGENT PROPRINTI AUTHORIZED AGENT PROPRINTI DATE TRUCK T N: Red Bluff Face Red Bluff Face Chloride	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check to MSDS Information CONZINCE SIGNATURE CALL DEPTH TENDER OF SIGNATURE ORIVER'S SIGNATURE TIME STAMP OUT:	TRANS LCC WM 88220 up at the Generator's site listed and th	part 261, subpart D, as amend d) nalysis DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVER' Phone No.	Other (Provide Description Other (Provide Description incident to the disposal for the Marme/No	SIGNATURE DRIVER'S SIGNATURE ECEIVING AREA
RCRA NON-EXEMPT: PRINTI AUTHORIZED AGENT PRINTI DATE TRUCK T N: Ite Name/ ermit No. cldress Red Bluff Fac. Cldress SOS3 US Highty NORM READINGS Chloride	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check times and hazardous is attached. (Check times and hazardous is attached. (Check times attached.) ON 7 MCEZ SIGNATURE ORIVER'S SIGNATURE ORIVER'S SIGNATURE ORIVER'S SIGNATURE CILITY STEP-065 Vay 285, Orla, TX 79770	TRANS La CCC WM 88220 up at the Generator's site listed and	part 261, subpart D, as amend d) nalysis DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without OCCUVENTY Phone No. If YES, was reading Conductivity (mmhos/cm)	Other (Provide Description Other (Provide Descri	in Below) SIGNATURE DRIVER'S SIGNATURE ECEIVING AREA
FRANDO PRINTI AUTHORIZED AGENT Fransporter's PLC AGENT Fransporter's	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check times and hazardous is attached. (Check times and hazardous is attached. (Check times attached.) ON 7 MCEZ SIGNATURE ORIVER'S SIGNATURE ORIVER'S SIGNATURE ORIVER'S SIGNATURE CILITY STEP-065 Vay 285, Orla, TX 79770	TRANS ACRA Hazardous Waste Ar TRANS La (CCC WM & 8220 up at the Generator's site listed and the Generator's site listed	part 261, subpart D, as amend d) nalysis DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVER Phone No. If YES, was reading Conductivity (mmtios/cm)	Other (Provide Description Other (Provide Description Incident to the disposal for Name/No 432-448-4239 g > 50 micro roentgens? {	in Below) SIGNATURE DRIVER'S SIGNATURE ECEIVING AREA Circle one) YES NO
FRANDO [PRINT] AUTHORIZED AGENT Fransporter's Plane Eddress Pox Phone No. hereby certify that the above na SHIPMENT DATE TRUCK T N: [Ite Name/ ermit No. Red Bluff Face Red Bluff F	Oil field waste which is non-haz 261.21-261.24, or listed hazard hazardous is attached. (Check to MSDS Information CONZINCE SIGNATURE ORIVER'S SIGNATURE DRIVER'S SIGNATURE TIME STAMP OUT: Cillity/ STF-065 VAY 285, Orla, TX 79770 TAKEN? (Circle One) YES	TRANS LCC WM 88220 up at the Generator's site listed and th	part 261, subpart D, as amend d) nalysis DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered without DELIVER Phone No. If YES, was reading Conductivity (mmtios/cm)	Other (Provide Description Other (Provide Descri	in Below) SIGNATURE DRIVER'S SIGNATURE ECEIVING AREA



Permian Basin

Customer:

AFE #:

Hauler:

Driver

Truck #

Card#

Job Ref#

Manifest #:

PO #:

Ordered by: BRYAN HANEY

Manif. Date: 4/9/2022

8005149

RUBEN

15

NOVO OIL & GAS NORTHERN Customer #: CRI4317

RICO & SONS TRUCKING

Ticket #: Bid #:

700-1292546 O6UJ9A000J90

4/9/2022 Date:

Generator: NOVO OIL & GAS NORTHERN

Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

Rig: **NON-DRILLING** County EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date:

FREARDOUS OILFIELD WASTE MANIFEST

pany	Man	Cor	tae	e	for	8 <i>0</i>	on	
)		. ^						

(PLEASE PRINT)

*REQUIRED INFORMATION" Name Bryan Honey
Phone No. 361 658 5126

			GENERA	TOR	LI-115 NO	80051	49
Operator No	_			Permit/RRC No. Lease/Well	MEDIE		
Operators Name	Novo	OIL+GAS LO	LC	Name & No.	North 1	Loop	
Address	1001 W	Jest Wilshire 1	Blud	County	Eddy		
				API No.	_	110	
City, State, Zip	Oklaha		73116	Rig Name & No.	_	NIT	
hone No	361 63	8 3126	processors of an 1980-1980 had as had, sub-sub-	AFE/PO No.			
5 51 10	EXE		fentification and Amount (place	volume next to v	THE RESERVE TO SHARP SHAPE AND ADDRESS OF THE PARTY OF TH		
Oil Based Muds Oil Based Cuttings		Washout Water	er (Non-Injectable)		OTHER EXEMPT WASTE	5 ftype and generation of	rocess of the waste)
Water Based Muds		Completion Flo	uid/Flow back (Non-Injectable)				
Water Based Cuttin Produced Formation			ter (Non-Injectable) • Water/Waste (Non-Injectable)				
Tank Bottoms		INTERNAL USE	ONLY				
Sas Plant Waste	Soil	Truck Washou	it (exempt waste)				
VASTE GENERAT	ION PROCESS:	DRILLING	COMPLETIC	N X	PRODUCTION	GATHE	RING LINES
			NON-EXEMPT E&P Wante/Service I				
	All non		may sed and be below the threshold			y and Reactivity	
Ion-Exempt Other	_			*please select fi	rom Non-Exempt Waste L	.ist on back	
UANTITY			B - BARRELS		ZØ Y-YA	ARDS	E - EACH
nereby certify that	the above listed ma	nterial(s), is (are) not a hazardo	ous waste as defined by 40 CFR Part	261 or any applicable	e state law. That each wa	ste has been properly	described, classified and
ackaged, and is in p		transportation according to a					
RCRA EXEMI	PT:	field wastes generated from o id basis only)	ill and gas exploration and producti	on operations and ar	e not mixed with non-exer	npt waste (R360 Acce	epts certifications on a per
RCRA NON-E		**	rdous that does not exceed the min	imum standards for v	waste hazardous by charac	ateristics established i	in RCRA regulations, 40 CF
		1.21-261.24, or listed hazardou	is waste as defined by 40 CFR, part	261, subpart D, as an	nended. The following doc	umentation demonst	rating the waste as non-
	ha	zardous is attached. (Check the	e appropriate items as provided)		1		
	M:	5DS Information	RCRA Hazardous Waste Analysis		Other (Provide Descript	ion Below)	
	ANDO	GONZALEZ					
(,	THORIZED AGENTS SIGNAT			DATE	1	SIGNATURE	
	Rico 8	sons	TRANSPO	RTER			
ransporter's Jame	2. Loh Gort	Dirt + Rondo	1.110	Driver's Name	Ruben	Valdiv	ion
ddress L	407 1105	Sons Out + Rando		Print Name			
D	o Box 6	91 Carlsbad	NM 88270	Phone No.			
hone No.	12.51			Truck No.	15		
hereby certify that	the above named r	naterial(s) was/were picked up	at the Generator's site listed above	and delivered witho	out incident to the disposa	I fastify listed below.	
11/9/	22	// /	Kivon	4/91	22 /	de de	
SHIPMENT	DATE	DRIVER'S SIGNATU	ni T	DELLA	ERY DATI	DRIVER'S	SIGNATURE
Т	RUCK TIME	STAMP	DISPOSAL F.	ACILITY	F	RECEIVING AF	REA
N:	0	UT:	1.1		Name/N	o	18
ite Name/		7 7		Disease No.			
_	ed Muff Bacility	STROBS HOIF U	Day	Phone No.	432-448-4239		
ddress 5	So US Highway 28	5, 9fla, TX 79770					
	M READINGS TAKEI hloride	(Circle One) YES	NO	If YES, was read Conductivity	ling > 50 micro roentgens?	' (circle one) Y	res no
or hemical Analysis (Notice to		(mmhos/cm)_			рН
			TANK BOT	TOMS			
	Feet		Inches		-		
st Gauge				BS	&W/BBLS Received Free Water	85&	W (%)
Ind Gauge Received				1	Total Received		
I hereby certify th	ne above loud	material has been (circle one):	ACCEPTED DENIED	If denied, why	?	11	
UNV	INVI	W 41	9 81	/	/	11/	
	NAME (PRINT)	11	DATE	HILL	()	SIGUSTORE	

Received by OCD: 7/26/2022 9:02:07 A	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	BRYAN HANEY 8005148	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1292550 O6UJ9A000J90 4/9/2022 NOVO OIL & GA 999908 HADES NORTH NON-DRILLING EDDY (NM)	
Facility: CRI					
Product / Service		Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)	20.00	yards		
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha	source Conserve described wanerated from of which is non-lulations, 40 CF is attached to	ration and Recovery Act (RCRA) and ste is: I and gas exploration and production nazardous that does not exceed the mi R 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and nimum standar vaste as defined te is non-hazaro	are not mixed with ds for waste hazardo in 40 CFR, part 26 dous. (Check the ap	non-exempt wasto ous by I, subpart D, as propriate items):
Pegalic Janes		R360 Representative/Si	gnature		
Customer Approval					
	THI	S IS NOT AN INVOIC	E!		

Approved By: _____ Date: ____

		GENERAT	OR	NO.	8005148
Operator No			Permit/RRC No.		
Operators Name Nove OLI	LIGAS LLO		Lease/Well Name & No.	North L	000
Address 1001 West	- wilshire Bird	1	County	Eddy	
			API No.		
city, State, Zip Oklahoma	City OK 7311	16	Rig Name & No.		
7/1/00			AFE/PO No.		
***************************************				- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Dr. or or of a
Oil Based Muds	E&P Waste/Service Identification NON-INIFCTABLE WATER		volume next to w	CAST AND ADDRESS OF THE PARTY O	type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Inje			WITCH EACHIEF WASHING	Type and selleration of Ocean or the March
Water Based Muds	Completion Fluid/Flow ba				
Water Based Cuttings	Produced Water (Non-Inju				
Produced Formation Solids Tank Bottoms	Gathering Line Water/Wa	aste (Non-Injectable)		1	
E&P Contaminated Soil	Truck Washout (exempt v	waste)		1	
Gas Plant Waste			1771		
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	(X)	PRODUCTION	GATHERING LINES
	NON-EXEM	IPT E&P Waste/Service Ide	entification and Amo	ount	The second
-Aii.non-exem	pt E&P waste must be analysed and	be below the threshold li	mits for toxicity (TC)	P), Ignitability, Corrosivity a	mo Reactivity.
Ion-Exempt Other			*please select fro	om Nan-Exempt Waste List	t on back
QUANTITY	B - BAR	DELC		7 (2) Y - YARI	DS E - EACH
				- 20	
hereby certify that the above listed material(61 or any applicable	state law. That each waste	has been properly described, classified and
packaged, and is in proper condition for transp		-		a to the total	10700 4
RCRA EXEMPT: Oil held v	-	exploration and production	operations and are	not mixed with non-exemp	ot waste (R360 Accepts certifications on a per
		lack ask ausonal the minin	was standards for w	racta basardaya bu churacta	ristics established in RCRA regulations, 40 CF
					mentation demonstrating the waste as non-
	is is attached. (Check the appropriat		, , ,		3
MSDS Inf	formation RCRA H	azardous Waste Analysis		Other (Provide Description	n Below)
				1	
001010000			-	0 = 011.	- and
OTCLANDO GON [PRINT] AUTHORIZED AGENTS SIGNATURE	UZALEZ		DATE	roque	organise of the state of the st
(PRIMI) NOTH CHIEFED NOETH IS SIGNATURE					3,411,101
	0.00	TRANSPOR	RTER		
ransporter's PitchFork	Dict + Rental	110	Driver's Name	NO Felir	GARCES
1115-111-0	DIC+ + WENTEN	CCC	Drint Name	10000	011111
address 1407 Haston	2 1 1 1 1 1 2 2	2 0 200	Print Name		
Pa Box 691 (Garlshord NM 88	2550	Phone No.	1200	
hone No.			Truck No.	19	
hereby certify that the above named materia	il(s) was/were picked up at the Gen	erator's site listed above	and delivered withou	ut incident to the disposal fa	acility listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE		DELIVE	RY DATE	DRIVER'S SIGNATURE
TRUCK TIME STA	AMP	DISPOSAL FA	CILITY	RE	CEIVING AREA
N: OUT:	, 1			Name/No.	/8
		. 1/		Trume/ Ivo	
Permit No. Red Bruff Facility/STF-0	386 1	3/1/11	Photo No.	432-448-4239	
address 60% US Niewway 255 Orla	1/20/10/ 10	HTW	act	132 110 120	
0	William I	<u> </u>	O	no > 50 minro roquinone 3 (s	riscle and) VES NC
NORM READINGS TAKEN? (Cire Chloride	cle One) YES	NO	Conductivity	ng > 50 micro roentgens? (c	circle one) YES NO
hemical Analysis (Mg/l)			(mmhos/cm)		pH
		TANK BOTT	OMS		
Feet	Inches			_	
1st Gauge			BS	&W/BBLS Received	BS&W (%)
2nd Gauge				Free Water	
Received				Total Received	
1	1 15			***	
I hereby certify that the bove load materia	al has been (circle ore): ACC	EPTED DE NED	If denied, why	,	
et 1	4/9/20	E Kes			
NAC (PRINT)	I JANE	P	min		SIGNATURE



Contaminated Soil (RCRA Exempt)

Permian Basin

NOVO OIL & GAS NORTHERN Customer: Customer #: CRI4317

Ticket #: Ordered by: BRYAN HANEY

Bid #: Date:

700-1292552 O6UJ9A000J90

4/9/2022

Generator: NOVO OIL & GAS NORTHERN

Generator #:

Manifest #: 8005147 Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Manif. Date: 4/9/2022 Hauler: Driver

AFE #:

PO #:

PITCHFORK DIRT & RENTAL L Well #:

Field:

JOSE 14

Field #:

Card # Job Ref#

Truck #

Rig:

NON-DRILLING County EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Date: 4/-9

Company Man Contact Information 1

(PLEASE PRINT) *REQUIRED INFORMATION* Name Bryan Haney
Phone No. 361 658 3126

		GENER	ATOR	1/200 NO. 8005	147
Operator No.			Permit/RRC No. Lease/Well	HADES	Apple T 1
Operators Name	Novo Oil + 0	AS LLC	Name & No.	North Loop	
Address	1001 West a	Wilshire Blud	County	Eddy	
City, State, Zip		ly Ok 73116	API No. Rig Name & No.	PIA	
Phone No.	361 658 312	2.6	AFE/PO No.		
	EXEMPT E&P W	aste/Service Identification and Amount (pl		Control of the Sales and the Control of the Control	
Oil Based Muds Oil Based Cuttings		NON-INJECTABLE WATERS Washout Water (Non-Injectable)	0	THER EXEMPT WASTES (type and generat	ion process of the wastel
Water Based Muds Water Based Cuttings		Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable)			
Produced Formation S		Gathering Line Water/Waste (Non-Injectable)			
Tank Bottoms E&P Contaminated So	sil .	INTERNAL USE ONLY Truck Washout (exempt waste)			
Gas Plant Waste		Truck Washout (exempt waste)			
WASTE GENERATIO	ON PROCESS:	DRILLING COMPLE	TION 🔀 P	RODUCTION GA	THERING LINES
13331513	All our system CR.D.	NON-EXEMPT E&P Waste/Service			
Non-Exempt Other	All non-exempt Exp	waste must be analysed and be below the thresh	- U-sul-sul-sul-sul-sul-sul-sul-sul-sul-sul	Non-Exempt Waste List on back	
QUANTITY		B - BARRELS		ZØ y-yards	E - EACH
		re) not a hazardous waste as defined by 40 CFR P	Part 261 or any applicable sta	te law. That each waste has been prop	perly described, classified and
	Oil field wastes o	n according to applicable regulation. enerated from oil and gas exploration and produ	etion operations and are no	t mixed with non-exempt waste (R360)	Accepts certifications on a per
RCRA EXEMPT	load basis only)	enstated from an and gas exploration and produc	action operations and are no	t (mass that the transfer the t	recepts delimentolis on a par
RCRA NON-EXE		hich is non-hazardous that does not exceed the n			
		r listed hazardous waste as defined by 40 CFR, pa ched. (Check the appropriate items as provided)		led. The following documentation dem	onstrating the waste as non-
	MSDS Informatio	[]	· · · ·	ther (Provide Description Below)	
		_			
OPLAN	UDO CONZI	ALEZ			
(PRINT) AUTHO	DRIZED AGENTS SIGNATURE		DATE	SIGNATURE	
		TRANSP	ORTER	1	
Transporter's	Sch Comple D.	1 + Rental LLC	Drîver's Name	che Comes	
Name Address	MJ Hackon D	1 Henter Ell	Print Name	Dusc Glattice	
Po	Box 691 Car	Ishad NM 88220	Phone No.		
Phone No.		1713.00	Truck No.	14	
I hereby certify that the	e above named material(s) was	/were picked up at the Generator's site listed ab	ove and delivered without in	ncident to the disposal facility listed bel	ow.
			4-9-20		noner
SHIPMENT DAT		DRIVER'S SIGNATURE	DELIYERY C	ATE DA	VER'S SIGNATURE
TR	RUCK TIME STAMP	DISPOSAL	FACILITY	RECEIVING	AREA
IN:	OUT:			Name/No.	ZX
Site Name/	I DI TEE WE LEEF OCT	Makures	Phone No.		
4.1.1	Diuff Facility/ STF-966	1 4001 100	4	32-448-4239	
2000	DEADINGS TAKEND (Circle Oct.)	-	Wines It	21.1	
Chla	READINGS TAKEN? (Circle One) iride	YES NO	Conductivity	> 50 micro roentgens? (circle one)	YES NO
Chemical Analysis (M	g/l)		(mmhos/cm)		pH
		TANK BO	TTOMS		
1st Gauge	Feet	Inches	BS&W	/BBLS Received	BS&W (%)
2nd Gauge			Ž	Free Water	
Received				Total Received	
Live by fortife that					
Trumparty Services Property	Me above load material has be	een (circle one): / XCEPTED DENIE	ED If denied, why?		
UVV III	Melabove load material has be	en (circle one): CEPTED DENIE	If denied, why?	w	γ_{α}
IN M	Melabove load material has be	een (circle one): CEPTED DENIE	ED If denied, why?	J XX	72



Contaminated Soil (RCRA Exempt)

Permian Basin

Customer: NOVO OIL & GAS NORTHERN

Customer #: CRI4317

Ordered by: BRYAN HANEY AFE #:

PO #:

Manifest #: 8005150

Manif. Date: 4/9/2022 **RICO & SONS TRUCKING** Hauler:

ISRAEL Driver 80 Truck #

Card # Job Ref#

700-1292557 Ticket #: Bid #: O6UJ9A000J90

4/9/2022

Date: NOVO OIL & GAS NORTHERN Generator:

Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

NON-DRILLING Ria: County EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) MSDS Information

Driver/	Agent	Signature
---------	-------	-----------

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: Date:

SZIJINESKI 🗸						Phone No.	
			GENERATO		NO. 8	3005150	
Operator No.	1		_	Permit/RRC No Lease/Well	Hades		
Operators Name	MONO C'	gas uc		Name & No.	North	COOP	
Address	1001 West	Wils hire	p109	County	eddy		
	7.1	1 7	5 117	API No.	- 1		
City, State, Zip	oflahoma	cuty or 7	3/16	Rig Name & No.	~/A		
Phone No.				AFE/PO No.			
Oil Based Muds	EXEMPT E&P W	aste/Service Identification NON-INJECTABLE WATERS	and Amount (place vo	olume next to wi	CHARLES AND ADDRESS OF THE PARTY OF THE PART	DIC YATUS) The and generation process of the w	astel
Oil Based Cutting	3	Washout Water (Non-Inject	able)		CHIEN EXCIVIT I WASTES IN	De districtives about in Doesa'dt the Wi	33461
Water Based Mu Water Based Cut		Completion Fluid/Flow back Produced Water (Non-Injec					
Produced Forma		Gathering Line Water/Wast					
Tank Bottoms E&P Contaminate	ed Spil	Truck Washout (exempt wa	ste)				
Gas Plant Waste		The transfer to the transfer to	,				
WASTE GENERA	ATION PROCESS:	DRILLING	COMPLETION		PRODUCTION	GATHERING LINES	
			F&P Waste/Service ider			5.7	F-57 E
Non-Exempt Othe		waste must be analysed and b	a below the threshold lin		P), Ignitability, Corrostvity at om Non-Exempt Waste List		
And in Exempt Other				pieuse seiect jre	om Non-Exempt Woste List	OH BUCK	
QUANTITY		B - BARRE	LS		Y - YARD	s 20 E-	EACH
	at the above listed material(s), is (a		· ·	I or any applicable	state law. That each waste	has been properly described, cl	assified and
packaged, and is i	n proper condition for transportation			annestings and are	not solved with non everynt	waste (R360 Accepts certificati	ione on a nor
- RCRA EXE	MPT: load basis only)	lenerated from on and gas exp	toration and production of	pperations and are	not mixed with non-exempt	waste (Nabo Accepts certificati	ions on a per
RCRA NO	N-EXEMPT: Oil field waste w	hich is non-hazardous that do	as not exceed the minimu	ım standards for w	aste hazardous by characteri	istics established in RCRA regul	ations, 40 CFR
Protego-articol				, subpart D, as am	ended. The following docum	entation demonstrating the wa	iste as non-
	MSDS Informati	nched. (Check the appropriate	ardous Waste Analysis		Other (Provide Description	Balawi	
				المسا	, , , , , , , , , , , , , , , , , , ,		
							-
(PHINT)	AUTHORIZED AGENTS SIGNATURE		ī	DATE	-	SIGNATURE	
-			TRANSPOR	TER	1		
Transporter's	b	100	110.0101.011		1/2 1	C1	
Name	/acc 2n	Jusch	-	Driver's Name	15 ray	4/2-	
Address	piton t	ork		Print Name	1		
(h)				Phone No.	~ 17		
Phone No.				Truck No.	OX		
I hereby certify th	at the above named material(s) wa	s/were picked up at the Gener	ator's site listed above an		/	Affity listed below.	
SHIPAF	NT DATE	DRIVER'S SIGNATURE	_	04-09 DELIVE	RY DATE	DRIVER'S SIGNATURE	
	TRUCK TIME STAME		ISPOSAL FA	CILITY	REG	CEIVING AREA	
IN:	OUT:		IOI OUNE I'M	CILIII	Name/No.	78	
	001.	1111	1.		ivalile/ivo.		
Site Name/ Permit No.	Red Blut Facility//STF 065	.Halt	AX	Phone No.	432-448-4239		
Address	sons Us Aighway 285, only, Tyl79	do 11 VI	0 0				
NO	DRM READINGS TAKEN? (Circle One	YES NO)		ng > 50 mícro roentgens? (ci	rcle one) YES	NO
Chemical Analysis	Chloride (Mg/l)			(mmhos/cm)			pH
	M. V.		TANK BOTT	OMS	1		
	Feet	Inches	District Section 1		1		
1st Gauge				858	&W/BBLS Received	BS&W (%)	
2nd Gauge Received					Free Water Total Received		
	7		3				
1 he eby	that the above load material has b	een (circle one)	DENIED /	If denied, why?	-		
911	My IU	4/9			_ (1)	1110	
	TIAME (TIME)	DATE	,	V (LL		SIGNATURE	

Received by OCD: 7/26/2022 9:02:07 A ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	NOVO OIL & GAS NORTHERN CRI4317 ORLANDO GONZALES 4/9/2022 PITCHFORK DIRT & RENTAL L ADRIANA 2	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #; Well Name: Well #: Field: Field #: Rig: County		
Facility: CRI					
Product / Service		Quantity U	Inits		
Contaminated Soil (RCRA Exempt	t)	20.00	yards		
characteristics established in RCRA reg amended. The following documentation MSDS InformationRCRA Ha	source Conserve described wanerated from oie which is non-lulations, 40 CF is attached to	ration and Recovery Act (RCRA) and ste is: I and gas exploration and production nazardous that does not exceed the mirk 261.21-261.24 or listed hazardous was demonstrate the above-described was Analysis Process Knowledge	operations and inimum standar vaste as defined te is non-hazard Other (Prov	are not mixed with a ds for waste hazardo in 40 CFR, part 26 dous. (Check the app	non-exempt waste ous by I, subpart D, as propriate items):
Driver/ Agent Signature Customer Approval	ille	R360 Representative St	gnature		

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Approved By: _____ Date: _____

t6UJ9A01NCUO

Company Man Contact Information

(PLEASE PRINT) REQUIRED INFORMATION' Name Brycen Heiney
Phone No. 361 658 3126

Operators Name Novo Oil + CAS Address Old West witsh		OR	NO. 8	005146
WALL TALL	re Blud	Permit/RRC No. Lease/Well Name & No County API No.	North Loo Eddy	
City, State, Zip Oklahoma (.1y) Phone No. 361 658 3126	OK 73116	Rig Name & No. AFE/PO No		
EXEMPT E&P Waste/Se	rvice Identification and Amount (place v	volume next to waste	type in barrels or cubic	yards)
Oil Based Cuttings Water Based Muds Compl Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	NIECTABLE WATERS (A) but Water (Non-Injectable) etion Fluid/Flow back (Non-Injectable) bed Water (Non-Injectable) ring Line Water/Waste (Non-Injectable) NAL USE ONLY Washout (exempt waste)			and generation process of the waste)
WASTE GENERATION PROCESS: DRILLI		0.33	DOUCTION	GATHERING LINES
All non-exempt E&P waste mi	NON-EXEMPT E&P Waste/Service Ide ist be analysed and be below the threshold li		nitability. Corrosivity and R	eactivity.
Non-Exempt Other			on-Exempt Waste List on	
QUANTITY	B - BARRELS		20 Y-YARDS	E - EACH
hereby certify that the above listed material(s), is (are) not a	hazardous waste as defined by 40 CFR Part 20	61 or any applicable state		been properly described, classified a
MSDS Information	neck the appropriate items as provided) RCRA Hazardous Waste Analysis	Oth	er (Provide Description Beli	ow)
ORLANDO CONZOLEZ [PRINT] AUTHORIZED AGENTS SIGNATURE	919	DATE	Holviano	SIGNATURE
Transporter's Pitchsonia Dirt + D Name 1407 I-less ton Rd	TRANSPOR	Driver's Name Print Name Phone No. Truck No.	Lahriana L	Norturn
Po Box 691 Carlsbu	cked up at the Generator's site listed above a	nd delivered without inci	dent to the disposal facility	listed below.
hone No. hereby certify that the above named material(s) was/were pi	SIGNATURE	DEGYERYDAL		ORIVER'S SIGNATURE
hereby certify that the above named material(s) was/were pi	DISPOSAL FA		RECE Name/No.	IVING AREA
TRUCK TIME STAMP OUT: ite Name/ termit No. iddress Soss Unitighway 85, Ota, 12, 79270	DISPOSAL FA	Phone No. 432	Name/No.	
TRUCK TIME STAMP OUT: ite Name/ ermit No. iddress chone No. ite Name/ ermit No. iddress ite Name/ e		Phone No. 432	Name/No.	
hereby certify that the above named material(s) was/were pictures TRUCK TIME STAMP OUT: Ite Name/ ermit No. ddress Red Bluff Facility/ STF-065 5053 URlighway 285, Ola, DX 79270 NORM READINGS TAKEN? (Circle One) Chloride	DISPOSAL FA	Phone No. 432- If YES, was reading > 5 Conductivity (mmhos/cm)	Name/No.	one) YES NO

Received by OCD: 7/26/2022 9:02:07 AM

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Permian Basin

NOVO OIL & GAS NORTHERN Ticket #: Customer: Customer #: CRI4317

FULTONS OILFIELD

Ordered by: BRYAN HANEY

AFE #: PO #:

Manifest #: 8005145

Manif. Date: 4/9/2022 Hauler: Driver

HOLMAN 122 Truck #

Card # Job Ref#

700-1292564

Bid #: Date:

O6UJ9A000J90

4/9/2022 Generator:

NOVO OIL & GAS NORTHERN

Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

Ria: County **NON-DRILLING** EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information | __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

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Approved By: Date:

Company Man Contage Information 391

(PLEASE PRINT) *REQUIRED INFORMATION* Name Bryan Haney

		GENER	RATOR	11 NO. 8	005145
Operator No.			Permit/RRC No.	Halles	000140
Operators Name	Novo OLL :	GAS LLC	Lease/Well Name & No.	North Lo	00
Address	1001 West au	Ishira Blad	County	Eddy	
		1 000	API No.	1) 10	
City, State, Zip	The second secon	Lity OK 73116	Rig Name & No.	MA	
Phone No.	361 658 312	26	AFE/PO No		
	EXEMPT E&P W	aste/Service Identification and Amount (p			
Oil Based Muds Oil Based Cuttings		NON-INJECTABLE WATERS Washout Water (Non-Injectable)	3/2	OTHER EXEMPT WASTES (typi	and contration (my (except the waste)
Water Based Mud	5	Completion Fluid/Flow back (Non-Injectable)			
Water Based Cutti Produced Formation		Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable			
Tank Bottoms		INTERNAL USE ONLY	- SUSPENSE		
E&P Contaminated Gas Plant Waste	d Soil	Truck Washout (exempt waste)			
WASTE GENERA	TION PROCESS:	DRILLING COMPL	ETION X	PRODUCTION	GATHERING LINES
		NON-EXEMPT E&P Waste/Serv	vice identification and Amou	nt 1 3 4 5 5 5 5	
No.	All non-exempt E&P	waste must be analysed and be below the thres		1 1	Reactivity
Non-Exempt Other			*please select from	n Non-Exempt Waste List or	1 back
QUANTITY		B - BARRELS		20 Y-YARDS	t - each
L hereby certify tha	t the above listed material(s), is (a	re) not a hazardous waste as defined by 40 CFR	Part 261 or any applicable s	-	s been properly described, classified and
		n according to applicable regulation.	Tare Edit of the property of		s was properly additional diameter
RCRA EXEM	APT:	generated from oil and gas exploration and proc	duction operations and are n	ot mixed with non-exempt w	aste (R360 Accepts certifications on a per
RCRA NON-	load basis only)	hich is non-hazardous that does not exceed the	a minimum standarde for was	to bazardous by charactorics	ics established in BCRA regulations, 40 CER
KCKK NOW-		ir listed hazardous waste as defined by 40 CFR,			
		ched. (Check the appropriate items as provided	r		
	MSDS Information	on RCRA Hazardous Waste An	alysis	Other (Provide Description Be	elow)
000	2.0				
Oll	ANDO GONZI	ALEZ			
(PRINT) AL	UTACKIZED KGENTS SIGNATUM	70.416	DATE		SIGNATURE
Tanananakasla	twitens	TRANSF	PORTER	4-1	5010
Transporter's 1	litch fork dirt	+ Rental.	Driver's Name	16 1000	(I) NG
Address [407 Haston 2	4	Print Name		
1	Po Dox 691 Carls	ibad NM 88220	Phone No.	100	
Phone No.			Truck No.	INA	1001
I hereby certify that	t the above named material(s) was	/were picked up at the Generator's site listed a	nbove and delivered without	incident to the disposal facili	ly listed below.
		DOLLADIS CITALA VIII.		-	They !
SHIDATEN		DRIVER'S SIGNATURE	DELIVERY		DHIVE A DE A
	TRUCK TIME STAMP	DISPOSAL	. FACILITY		ING AREA
IN:	OUT:	- 1D	1	Name/No.	1_0
Site Name/ Permit No 1	Red Bluff Facility/ STF-065	Martinas	Phone No.	132-448-4239	
	5053 US Highway 285, Orla, TX 79	770	-		
NOF	RM READINGS TAKEN? (Circle One	YES NO	If YES, was reading	> 50 micro roentgens? (circl	e one) YES NO
Chemical Analysis	Chloride (Ma(I)		Conductivity (mmhos/cm)		PН
CHERINGAI MINITYSIS	(IVIET) Transit materials and substitute court of the court	TANKBO			эт том и
	Feet	Inches	JI I UIVIS		
1st Gauge	1001	13.16.1353	858/	W/BBLS Received	BS&W (%)
2nd Gauge				Free Water	
Received				Total Received	
11 reby certify !	than the above load material has b	een (circle one): / ACCEPTED DEN	IIED denied, why?		
IN	MINNU	419	alm	1	2
VII	10000	76	17"	- ()	

Received by OCD: 7/26/2022 9:02:07 AM NOVO OIL & GAS NORTHERN 700-1292567 Customer: Ticket #: Customer #: CRI4317 O6UJ9A000J90 Bid #: Ordered by: BRYAN HANEY Date: 4/9/2022 NOVO OIL & GAS NORTHERN AFE #: Generator: PO #: Generator #: Well Ser. #: 999908 Manifest #: 8005153 SOLUTIONS Manif. Date: 4/9/2022 Well Name: HADES NORTH LOOP

Permian Basin

Truck # 15 Card # Job Ref#

Hauler:

Driver

GERARDO

Field #: NON-DRILLING Rig: EDDY (NM) County

Page 209 of 391

Facility: CRI

Product / Service

Quantity Units

PITCHFORK DIRT & RENTAL L Well #:

Contaminated Soil (RCRA Exempt)

20.00 yards

Field:

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Oriver/ A	gent	Signa	ture
-----------	------	-------	------

R360 Representative Signature

Customer Approval

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Approved By:	 Date:	

		SERVERATION	- Lladins	. 8002T23
Operator No.	, , , , , , , , , , , , , , , , , , ,	Permit/RRC Lease/Well	No.	7
Operators Name	Novo OIL + GAS LLC 1001 West Luishire Blad	Name & No	North	loop
Address	1001 West Wishire Blud	County	Eddy	
_	0 k 1 1 21 01 27 11	API No.		NIA
City, State, Zip	OKlahama aly OK 73110	Rig Name &	No.	- () /
Phone No	3616363126	AFE/PO No.		
	EXEMPT E&P Waste/Service Identification and	Amount (place volume next	to waste type in parrels or	cubic yards)
Oil Based Muds Oil Based Cuttin			OTHER EXEMPT WASTES	S (type and generation process of the waste)
Water Based Mi		-Injectable)		
Water Based Cu	and the second s	A STATE OF THE STA		
Produced Forma Tank Bottoms	ation Solids Gathering Line Water/Waste (No. INTERNAL USE ONLY	n-Injectable)		
E&P Contaminal	(-1.1.1.)			
Gas Plant Waste WASTE GENER	RATION PROCESS: DRILLING	COMPLETION	PRODUCTION	GATHERING LINES
	NON-EXEMPT ESP	Waste/Service Identification and	-33	had
	All non-exempt E&P waste must be analyzed and be tield			and Reactivity.
Non-Exempt Oth	ler	*please sel	lect from Non-Exempt Waste L	ist on back
QUANTITY	B · BARRELS		ZQ Y-YA	RDS E - EACH
I hereby certify t	hat the above listed material(s), is (are) not a hazardous waste as defined	d by 40 CFR Part 261 or any appl	icable state law_That each was	te has been properly described, classified and
packaged, and is	in proper condition for transportation according to applicable regulation			
RCRA EX	EMPT: Oil field wastes generated from oil and gas exploration of land basis only)	on and production operations ar	nd are not mixed with non-exen	ipt waste (R360 Accepts certifications on a per
RCRA NO	ON-EXEMPT: Oil field waste which is non-hazardous that does not	exceed the minimum standards	for waste hazardous by charac	teristics established in RCRA regulations, 40 CFR
	261.21-261.24, or listed hazardous waste as defined			
	hazardous is attached. (Check the appropriate items	as provided)		
	MSDS Information RCRA Hazardou	s Waste Analysis	Other (Provide Descripti	on Below)
ORL	ANDO GONZALEZ			
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE		SIGNATURE
	TF	RANSPORTER		
Transporter's	Dishfords don't & Donald 110	Driver's Nan	ne Carro da	Stangara C
Name Address	Pitchfork dirt + Rental LLC	Print Name	4010100	Verrgas
	Po Box 691 Carlsbad NM 882	20 Phone No.		
Phone No.	TO DON O IT CAT IS BUT A DONE	Truck No.	15	
	hat the above named material(s) was/were picked up at the Generator's	-	without incident to the disposal	train had below
Thereby certify to	tractifie above named materialist wast were picked up at the deficiator's	zite lizted above alto delivered /	without includent to the disposar	facility listed below.
SHIPM	ENT DATE DRIVER'S SIGNATURE	·	DELIVERY DATE	DRIVER'S SIGNATURE
	TRUCK TIME STAMP DISF	OSAL FACILITY	R	ECEIVING AREA
IN:	OUT:	ODTETTICIETT	Name/No	
Site Name/	11:10		(Valifie) (Vi	
Permit No.	Red Bluff Facility/ST-865 Haltwar	Phone No	432-448-4239	
Address	COUGO US HIRIWAY 205, Oria, TATTETO	7		
N	ORM READINGS TAKEN? (Circle One) YES NO	If YES, was	reading > 50 micro roentgens?	(circle one) YES NO
Chomical Applysi	Chloride	Conductivity		
Chemical Analysi		(mmhos/c		pH
	Feet Inches	INK BUTTUIVIS		
1st Gauge	rect mights		BS&W/BBLS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	
I hereby cartif	y that the abole bad moverial has been (circle one):	DENIED desied,	why?	
AV	I will you	V IV		MKX
7	JAME (PRINT) DATE	TITLE		MGMATUF

Received by OCD: 7/26/2022 9:02:07 AM Page 211 of 391 700-1292572 **NOVO OIL & GAS NORTHERN** Ticket #: Customer: Customer #: CRI4317 O6UJ9A000J90 Bid #: 4/9/2022 Ordered by: BYRON HANEY Date: NOVO OIL & GAS NORTHERN AFE #: Generator: PO #: Generator #: Manifest #: 8005142 999908 Well Ser. #: Well Name: HADES NORTH LOOP Manif. Date: 4/9/2022 **RICO & SONS TRUCKING** Well#: Hauler: Permian Basin Driver MANUEL Field: Truck # 01 Field #: **NON-DRILLING** Card # Rig. Job Ref# EDDY (NM) County Facility: CRI **Product / Service Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards **Generator Certification Statement of Waste Status** I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste __ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above) R360 Representative Signature **Driver/ Agent Signature**

Customer Approval

7

THIS IS NOT AN INVOICE!

Approved By: ______ Date: _____

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION* No

Page 212 of 391

(1)	mpan	M Man	CONTROLLINGUING	ľ
Name	By	ver	Haney	
			658 3126	

	GE	NERATOR		8005142
perator No.		Permit/RRC N Lease/Well		
perators Name Novo O14	+GAS LLC	Name & No.	North	Loop
Idress 1001 West	Wilshire Blud	County	Eddy	
0		API No.		
ty, State, Zip Oklahoma	City 019 73116	Rig Name & N	10.	
one No. 361 658 3	126	AFE/PO No.		
Based Muds	&P Waste/Service Identification and Am NON-INJECTABLE WATERS	ount (place volume next t	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO	ubic yards) (type and generation process of the waste)
Based Cuttings	Washout Water (Non-Injectable)		OTTICH EXCISE I VEALUICS	Type and sensialization of an area area.
ater Based Muds ater Based Cuttings	Completion Fluid/Flow back (Non-Injo	ectable)		
oduced Formation Solids	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inj	jectable)		
nk Battoms	INTERNAL USE ONLY			
P Contaminated Soil S Plant Waste	Truck Washout (exempt waste)		-	
ASTÉ GENERATION PROCESS:	DRILLING C	COMPLETION	PRODUCTION	GATHERING LINES
		ste/Service Identification and		
	t E&P waste must be analysed and be below th			
i-Exempt Other			ct from Non-Exempt Waste Lis	t on back
YTITMA	B - BARRELS		20 Y-YAR	DS E - EACH
261.21-26 hazardous	aste which is non-hazardous that does not exc 1 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as p	40 CFR, part 261, subpart D, a provided)	amended The following docur	mentation demonstrating the waste as no
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as prination RCRA Hazardous Wa	40 CFR, part 261, subpart D, a provided)		mentation demonstrating the waste as no
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info	1.24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as p	40 CFR, part 261, subpart D, a provided)	amended The following docur	mentation demonstrating the waste as no
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as promation RCRA Hazardous Waster State	40 CFR, part 261, subpart D, a: provided} aste Analysis	amended The following docur	mentation demonstrating the waste as no
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as prination RCRA Hazardous Waste State Control of the Control of	40 CFR, part 261, subpart D, a: provided) aste Analysis	amended. The following docur	mentation demonstrating the waste as no n Below)
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info ORLANDO OF PRINTI AUTHORIZED AGENTS SIGNATURE ISPORTER'S PLECK FOR IA CONTROL OF THE CONTROL O	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste Alexandrian RCRA Hazardous R	40 CFR, part 261, subpart D, asporovided) aste Analysis DATE Driver's Name	amended. The following docur	mentation demonstrating the waste as no
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info ORLANDO COMPRINTI AUTHORIZED AGENTS SIGNATURE Sporter's RCO \$ 0 sporter's RC	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste Alexandrian RCRA Hazardous R	40 CFR, part 261, subpart D, asporovided) aste Analysis DATE Driver's Name	amended. The following docur	mentation demonstrating the waste as no n Below)
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info ORLANDO COMPRINTI AUTHORIZED AGENTS SIGNATURE OSPORTER'S PLECK FOR A COMPRESS IN THE COMPRESS IN	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste ALEZ TRA Lind Rendal LGC RCRA Hazardous Waste Alexandrous Waste	DATE DATE Driver's Name Print Name Phone No.	amended The following documents of the following	mentation demonstrating the waste as no n Below)
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info ORLANDO (100 MSDS Info (PRINT) AUTHORIZED AGENTS SIGNATURE DISPORTER'S PARA CONTROL OF THE CO	1 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste ALEZ TRA Lind + Rental LLC Ld 1 Carlshad NM 886	DATE DATE DATE DIVER'S Name Print Name Phone No. Truck No.	amended The following documents of the following	Mentation demonstrating the waste as no n Below) SIGNATURE
RCRA NON-EXEMPT: Oil field we 261.21-26 hazardous MSDS Info ORLANDO OF OF OF OF OTHER CONTROL OTHER CONTROL OF OTHER CONTROL OTHER CONTR	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste Alexandrian RCRA Hazardous R	DATE DATE DATE DIVER'S Name Print Name Phone No. Truck No.	Other (Provide Description) Other (Provide Description)	Mentation demonstrating the waste as no n Below) SIGNATURE
RCRA NON-EXEMPT: Oil field we 261.21-26 hazardous MSDS Info ORLANDO OF MSDS Info ORLANDO OF MSDS Info ORLANDO OF MSDS Info MSDS	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste as Defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste Defined RCRA Hazardous Waste De	DATE DATE INSPORTER Driver's Name Print Name Phone No. Truck No. Ilisted above and delivered w	Other (Provide Description)	SIGNATURE Collity listed Flow. DRIVER'S SIGNATURE
RCRA NON-EXEMPT: Oil field wa 261.21-26 hazardous MSDS Info ORLANDO GOMESTA MENTS SIGNATURE ISPORTER'S PLANTONIZED AGENTS SIGNATURE RESS LAO 7 House for the content of	1. 24, or listed hazardous waste as defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste as Defined by 4 is attached. (Check the appropriate items as primation RCRA Hazardous Waste Defined RCRA Hazardous Waste De	DATE DATE DATE DATE DATE Driver's Name Print Name Phone No. Truck No. Listed above and delivered w	Other (Provide Description) Other (Provide D	SIGNATURE SIGNATURE SIGNATURE SIGNATURE CECEIVING AREA COMMERCE CECEIVING AREA COMMERCE CECEIVING AREA COMMERCE COMM
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Permian Basin

Customer:

AFE #:

PO #:

Customer #: CRI4317

NOVO OIL & GAS NORTHERN

Ordered by: BRYAN HANEY

Manifest #: 8005154

Manif. Date: 4/9/2022 **RICO & SONS TRUCKING**

Hauler: Driver RUBEN 15

Truck # Card # Job Ref# Ticket #: Bid #:

700-1292588 O6UJ9A000J90

4/9/2022 Date:

NOVO OIL & GAS NORTHERN Generator:

Generator #:

Well Ser. #: 999908

Well Name: HADES NORTH LOOP

Well #: Field:

Field #:

Rig: County **NON-DRILLING** EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE

Approved By:

Date:

t6UJ9A01NCVH 4/9/2022 11:43 33AM

REQUIRED INFORMATION Name Bryan Haney
Phone No. 361 658 3126

,		GE	NERATOR	11 , NC	8005154	
Operator No.			Permit/RRC No		0,000001	
Operators Name	Noro Oll 1	GAS LLC	Lease/Well Name & No.	North 1	-00 P	
Address	1001 West W	ishire Blud	County	Eddx		
			API No.	-	1111	
City, State, Zip		14 OK 73116	Rig Name & No	o	NIT	
hone No.	361 658 31	26	AFE/PO No.			
	EXEMPT E&P W	aste/Service Identification and Amo	ount (place volume next to	THE SAME THE		
Oil Based Muds Oil Based Cutting	5	NON-INIECTABLE WATERS Washout Water (Non-Injectable)		OTHER EXEMPT WASTE	Silver and pureration process of	the wastel
Water Based Mu	ds	Completion Fluid/Flow back (Non-Inje	ectable)			
Water Based Cut Produced Format	**	Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inj	ectable)			
Tank Bottoms		INTERNAL USE ONLY		550		
E&P Contaminate Sas Plant Waste	2d 20tl	Truck Washout (exempt waste)				
	ATION PROCESS:	DRILLING C	OMPLETION	PRODUCTION	GATHERING L	INES
		NON-EXEMPT E&P Was	ste/Service Identification and A	Amount		
	All non-exempt E&P	vaste must be analysed and be below th			ty and Reactivity.	
Ion-Exempt Othe	r		*please selec	t from Non-Exempt Waste	List on back	
UANTITY		B - BARRELS		20 Y-Y	ARDS	E - EACH
hereby certify th	at the above listed material(s), is (ar	e) not a hazardous waste as defined by	40 CFR Part 261 or any applica	ble state law. That each wa	ste has been properly describ	ed, classified and
ackaged, and is i		n according to applicable regulation.				
X RCRA EXE	MPT: Oil field wastes g load basis only)	enerated from oil and gas exploration a	nd production operations and	are not mixed with non-exe	mpt waste (R360 Accepts cert	ifications on a pe
RCRA NON		nich is non-hazardous that does not exce	eed the minimum standards fo	or waste hazardous by chara	cteristics established in RCRA	regulations, 40 C
		r listed hazardous waste as defined by 4				
	hazardous is atta	ched. (Check the appropriate items as p	rovided)			
	MSDS Information	n RCRA Hazardous Wa	aste Analysis	Other (Provide Descrip	tion Below)	
ORLA	NDO GONZALO AUTHORIZED AGENTS SIGNATURE	52	DATE		SIGNATURE	
		TDA			40)1971 0114	
	MICO & SO	IKA	NSPORTER	1		
ransporter's Jame	Pitch Fork dir	+ + Rental LLC	Driver's Name	Ruber 1	la ldivia	
ddress	1407 Haston R	A.	Print Name			
	Po Box 691 Con	Isbad NM 88220	Phone No.			
hone No.			Truck No.	15		
hereby certify the	at the above named material(s) was	/were picked up at the Generator's site	listed above and delivered wit	hout incident to the disposa	of facility listed below.	
4/2/	22 Kube	n Valdivin	4/9	122	faled.	
C SHIPME	TOLLOW TIMES CTARAD	DRIVER'S SIGNATURE	CALFACULTY	LIVERY DATE	DRIVER'S SIGNATURE	
	TRUCK TIME STAMP	DISPU	SAL FACILITY		RECEIVING AREA	
N:	OUT:			Name/N	0.	
ite Name/	Red Bluff Facility/STF-065	Jale WAY	Phone No.	432-448-4239		
ermit No	50/3 US Highway 288, Ona, TX 797	70		432-446-4239		
	ORM READINGS TAKEN? (Circle One		If VCC urac co	ading > 50 micro roentgens	2 /airela ana) VES	NO
	Chloride	YES NO	Conductivity	ading > 50 micro roeatgens	? (circle one) YES	NO
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		TANI	K BOTTOMS			
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Received				Total Received		
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ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer #: CRI4317 Bid #: O6UJ9A000
Ordered by: ORLANDO GONZALES Date: 4/9/2022

Ordered by: ORLANDO GONZALES Date: 4/9/2022

AFE #: Generator: NOVO OIL & GAS NORTHERN

Generator #:

Page 215 of 391

Manifest #: 8005156 Well Ser. #: 999908

Manif. Date: 4/9/2022 Well Name: HADES NORTH LOOP

Hauler: PITCHFORK DIRT & RENTAL L Well #:
Driver ROGELIO Field:

Truck # 15 Field #:

Card # Rig: NON-DRILLING
Job Ref # County EDDY (NM)

Facility: CRI

Product / Service Quantity Units

PO #:

Contaminated Soil (RCRA Exempt) 20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: ____

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EXEMPT E.R.W Master, Service Identification and Amount (place volume next to waste type in barries or cobic yards). Of Researd Mules Of Research Mules Of		0								
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All non-exempt Colors Tables analysed and be below the threshold limits for toxicity TCLP), annabality, Consessing and Reactivity Telecase select from Non-Exempt Waste List on burch BARRELS Description Non-Exempt Waste List on burch BARRELS Description Non-Exempt Waste List on burch BARRELS Description Non-Exempt Waste List on burch Description of transportation according to a pelicable regulation. Oil fell whatse generated from oil and gas reploration and production operations and are not mixed with non-exempt waste (fi360 Accepts certifications on a plantacion) and basis only) Diffield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 2616,12-761,240, e134 of stell hazardous waste as defined by 40 CFR, pan 261, subpart D, as amended. The following documentation demonstrating the waste as non hazardous in statched. (Check the appropriate Items as provided) MSDS information RCRA Hazardous Waste Analysis Other (Provide Description Below) TRANSPORTER Paraporters Plack Force Control	VASTE GENERA	TION PROCESS:		DRILLING		COMPLETION	X	PRODUCTION	GAT	HERING LINES
BARRELS B - BARRELS B - BARRELS B - BARRELS C Y - YARDS E - CACH Non-Exempt Waste List on buck Hereby certify that the above listed material(s), is (are) and a hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified or ackaged, and is in proper cundition for transportation acciding to applicable requisition RCRA RCHANT: Official wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a price of field wastes which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation, 40 261 (21 - 761.24) or fisted hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non accordance is attached. (Clock the appropriate items as provider i		All nonex	emot F&P w						itu wat Qaartiultu	9- 10-01
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TRUCK TIME STAMP N: OUT: Red Bluff Facility/ STF-065 Phone No. 432-448-4239 So53 US Highway 285, Orla, TX 79770 NORM READINGS TAKEN? (Circle One) YES NO Chloride Temical Analysis (Mg/I)	RCRA NON- RCRA NON- RCRA NON- (PRINT) AC Transporter's ame ddress 1 Transporter's ame	proper condition for training proper	nsportation d wastes ge asis only) d waste whi 1-261.24, or lous is attack Information	according to app nerated from oil a ch is non-hazardo listed hazardous wheel. (Check the algorithm of the listed hazardous wheel. (Check the algorithm)	waste as defined to licable regulation and gas exploration out that does not exwaste as defined by ppropriate items as RCRA Hazardous to the licebook of the l	and production of exceed the minimuly 40 CFR, part 261 is provided) Waste Analysis	perations and are my standards for w , subpart D, as am part E TER Driver's Name Print Name Phone No. Truck No.	not mixed with non-exe aste hazardous by charaended. The following do Other (Provide Descrip	aste has been proper empt waste (R360 A acteristics established acteristics demonstration demonstration Below)	erly described, classified a coopts certifications on a coopts certifications on a coopt in RCRA regulations, 40 in RCRA regulations, 40 instrating the waste as no
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Red Bluff Facility/ STF-065 MORM READINGS TAKEN? (Circle One) Whemical Analysis Feet Inches Feet Inches BS&W/BBLS Received BS&W (%) Free Water	RCRA EXEM RCRA NON- RCRA NON- PRINTIPAL Transporter's ame ddress 1 Prone No. Thereby certify that	proper condition for tra MPT: Oil fie load b EXEMPT: Oil fiel 261.2 hazare MSDS WHORIZED AGENTS SIGNATURE A D T Hash C Do x 6 S It the above named mate	nsportation d wastes ge asis only) d waste whi 1-261.24, or lous is attack Information N2/2 L J C L rial(s) was/	according to app nerated from oil a ch is non-hazardo listed hazardous o hed. (Check the a	waste as defined to licable regulation and gas exploration and gas exploration as that does not exwaste as defined by ppropriate items as RCRA Hazardous to the Generator's site to the Generator's site in the Generator's si	a and production of exceed the minimum of 40 CFR, part 261 of provided) Waste Analysis ANSPOR	perations and are im standards for w , subpart D, as am Date Period Name Phone No. Truck No. d delivered withou	not mixed with non-exe aste hazardous by charaended. The following do Other (Provide Descrip	aste has been proper empt waste (R360 A acteristics established action Below) Signafunt Of A T Control of the property of th	erly described, classified a cocepts certifications on a ed in RCRA regulations, 40 instrating the waste as no
Red Bluff Facility/ STF-065 SOS3 US Highway 285, Orla, TX 79770	RCRA EXEM RCRA NON- RCRA NON- (PRINT) AL ransporter's ame ddress 1 rone No. hereby certify that	Proper condition for training proper	nsportation d wastes ge asis only) d waste whi 1-261.24, or lous is attack information DNZAL	according to app nerated from oil a ch is non-hazardo listed hazardous o hed. (Check the a	waste as defined to licable regulation and gas exploration and gas exploration as that does not exwaste as defined by ppropriate items as RCRA Hazardous to the Generator's site to the Generator's site in the Generator's si	a and production of exceed the minimum of 40 CFR, part 261 of provided) Waste Analysis ANSPOR	perations and are im standards for w , subpart D, as am Date Period Name Phone No. Truck No. d delivered withou	not mixed with non-executed aste hazardous by charal ended. The following do Other (Provide Descrip	aste has been proper than the	erly described, classified a cocepts certifications on a ed in RCRA regulations, 40 instrating the waste as no
NORM READINGS TAKEN? (Circle One) YES NO Chloride Conductivity (mmhos/cm) pH TANK BOTTOMS Feet Inches St Gauge and Gauge Free Water	RCRA EXEM RCRA NON- RCRA NON- PRINTIPAL Transporter's ame ddress 1 Transporter's ame ddress 1 Transporter's ame ddress 1 Transporter's ame ddress 1 Transporter's 1 Transp	Proper condition for training proper	nsportation d wastes ge asis only) d waste whi 1-261.24, or lous is attack information DNZAL	according to app nerated from oil a ch is non-hazardo listed hazardous o hed. (Check the a	waste as defined to licable regulation and gas exploration and gas exploration as that does not exwaste as defined by ppropriate items as RCRA Hazardous to the Generator's site to the Generator's site in the Generator's si	a and production of exceed the minimum of 40 CFR, part 261 of provided) Waste Analysis ANSPOR	perations and are im standards for w , subpart D, as am Date Period Name Phone No. Truck No. d delivered withou	not mixed with non-executed aste hazardous by charal ended. The following do Other (Provide Descrip	aste has been proper than the	erly described, classified a cocepts certifications on a ed in RCRA regulations, 40 instrating the waste as no
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St Gauge BS&W/BBLS Received BS&W (%) and Gauge Free Water	RCRA NON- RATE OF THE PRINTY AL SHIPMENT AL SHI	Proper condition for tra APT: Oil fiel load b EXEMPT: Oil fiel 261.2 hazare MSDS WHORIZED AGENTS SIGNATURE PART Hash TRUCK TIME S OUT Ced Bluff Facility/ STI OS3 US Highway 285, O RM READINGS TAKEN? (Interide	nsportation d wastes ge asis only) d waste whi i-261.24, or lous is attack Information NEAL Com IZ	according to app nerated from oil a ch is non-hazardo listed hazardous wheel. (Check the a language of the characteristic of the cha	waste as defined to licable regulation and gas exploration and gas exploration as that does not exwaste as defined by ppropriate items as RCRA Hazardous to the Generator's site Colors (1)	cand production of exceed the minimum of 40 CFR, part 261 is provided) Waste Analysis ANSPOR Te listed above an OSAL FAC	perations and are operations and are operations and are operated by the state of the state of the state operated by the state operat	not mixed with non-exercises hazardous by characended. The following do Other (Provide Descrip ROGE 2100 At incident to the disposate incident to the disposate Name/N	aste has been proper empt waste (R360 A poteristics established cumentation demonstrion Below) Semafunt A A C C C C C C C C C C C C C C C C C	erly described, classified a cocepts certifications on a ed in RCRA regulations, 40 instrating the waste as no ed.
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Received by OCD: 7/26/2022 9:02:07 AM AFE #: PO #:

Contaminated Soil (RCRA Exempt)

Permian Basin

NOVO OIL & GAS NORTHERN Customer:

Customer #: CRI4317

8005157

Ordered by: ORLANDO GONZALES

Ticket #: Bid #: Date:

700-1292591

O6UJ9A000J90

4/9/2022

NOVO OIL & GAS NORTHERN

Page 217 of 391

Generator: Generator #:

999908 Well Ser. #:

Well Name: HADES NORTH LOOP

Manif. Date: 4/9/2022 PITCHFORK DIRT & RENTAL L Well #: Hauler:

Driver Truck #

Manifest #:

Card#

Job Ref#

14

Field: Field #: Rig:

NON-DRILLING

County

EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste _ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:

t6UJ9A01NCVM

Company Man Contact Information 391

(PLEASE PRINT) *REQUIRED INFORMATION * Na

CUI	mpar	iy ividili	Contact information	
lame	Br	ven	Honey	
			160 7.26	

Operator No. Operators Name Novo O11 Address D01 West	+ CAS LLC wilshire Blud	Permit/RRC No. Lease/Well Name & No. County	0. 8005157 Loop
City, State, Zip OlGlahoma Phone No. 361 658 31	CHY OK 73116	API No. Rig Name & No. AFE/PO No.	
EXEMPT E&	Waste/Service Identification and Amount (p	lace volume next to waste type in barrels	or cubic yards)
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY Truck Washout (exempt waste)		TES (type and generation process of the waste)
WASTE GENERATION PROCESS:	DRILLING COMPLE	PRODUCTION	GATHERING LINES
All non-exempt E Ion-Exempt Other	*NON-EXEMPT E&P Waste/Servi &P waste must be analysed and be below the threst		
QUANTITY	B - BARRELS	70 Y-	YARDS E - EACH
OPLANDO CONZA			
(PRINT) AUTHORIZED AGENTS SIGNATURE		DATE	SIGNATURE
Do Dox 691 (TRANSP H Randal LLC Rad Carls bad NM 88220 was/were picked up at the Generator's site listed al	Print Name Phone No. Truck No.	sal facility listed below.
SHIPMENT DATE	ORIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE
TRUCK TIME STAN N:OUT: _	AP DISPOSAL	Name/I	RECEIVING AREA
te Name/ ermit No. Red Bluff Facility/ STF-065 ddress 5053 US Highway 285, Orla, TX	79770	Phone No. 432-448-4239	•
NORM READINGS TAKEN? (Circle Chloride nemical Analysis (Mg/l)		If YES, was reading > 50 micro roentgen Conductivity (mmhos/cm)	ss? (circle one) YES NO
	TANK BO	TTOMS	
st Gauge Ind Gauge eccived	Inches	BS&W/BBLS Received Free Water Total Received	BS&W (%)
I hereby certify that the shave load material h	as been (circle one): ACCEPTED DENI	ED If denied, why?	SIGNATURE

Received by OCD: 7/26/2022 9:02:07 A ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver	ADRIANA	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field:	700-1292599 O6UJ9A000J90 4/9/2022 NOVO OIL & GA 999908 HADES NORTH	
	Truck # Card # Job Ref #	21	Field #: Rig: County	NON-DRILLING EDDY (NM)	
Facility: CRI					
Product / Service		Quantity U	nits		
Contaminated Soil (RCRA Exempt	t)	20.00	yards		
Generator Certification Statement I hereby certify that according to the Re. 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes get RCRA Non-Exempt: Oil field waste characteristics established in RCRA regulation MSDS Information RCRA Ha	source Conserve described wanerated from or which is non- ulations, 40 CF is attached to	ration and Recovery Act (RCRA) and ste is: I and gas exploration and production nazardous that does not exceed the milk 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and nimum standar aste as defined te is non-hazaro	are not mixed with ds for waste hazardo in 40 CFR, part 26 dous. (Check the ap	non-exempt waste ous by I, subpart D, as propriate items):
Driver/ Agent Signature	1 C	R360 Representative Signature	gnature		

Customer Approval

THIS IS NOT AN INVOICE!

Approved By:	Date:
· -	Bato.

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) *REQUIRED INFORMATION*

Name	13	CYCLE	Har	10	У	
Dhono	Mes	761	650	-7	. 1/	

Operator No			G	ENERATO)R	N	0.80	0516	2
Operators Name Address	1 West Wi	GAS LLC Ishira Blud			Permit/RRC No. Lease/Well Name & No. County API No	North Eddy	loop		
ity, State, Zip OK hone No.	ahoma (1 61 658 31	ly OK 7:	3116		Rig Name & No. AFE/PO No.				
7 - Latine	EXEMPT E&P W	aste/Service Identifi	cation and An	nount (place vo	lume next to	waste type in barrels	or cubic yar	ris)	Ethinini V
Dil Bosed Muds Dil Based Cuttings Nater Based Muds Nater Based Cuttings Froduced Formation Solids Lank Bottoms & P Contaminated Soil Sas Plant Waste	χ	Washout Water (Nor Completion Fluid/Flo Produced Water (No Gathering Line Wate INTERNAL USE ONLY Truck Washout (exer	n-Injectable) iw back (Non-Injectable) n-Injectable) r/Waste (Non-Ii npt waste)	njectable)		OTHER EXEMPT WAS	TES (type and)		
WASTE GENERATION PRO	CESS:	DRILLING		COMPLETION		PRODUCTION		GATHERIN	IG LINES
on-Exempt Other	All non-exempt E&P			aste/Service Ident the threshold limi	ts for toxicity (I	nount CLP), Ignitability, Corrosi from Non-Exempt Wast			
QUANTITY		В -	BARRELS			20 Y.	YARDS		E - EACH
(PRINT) AUTHORIZED AGE			TRA	4/9		Odek	NO SIG	Majuri	tu
ransporter's Pich ame ddress L407 Pc Do ;	Fork dirt Hasten Do x 691 Cor	+ Rental L Isbad NM	LC 88120		Oriver's Name Print Name Phone No. Fruck No.	Advice 21	NO SIG	Ma	tur
ransporter's Pich ame ddress L407 Po Do;	Fork dirt Hasten Do x 691 Cor	+ Rental L Isbad NM	LC 88120		Oriver's Name Print Name Phone No. Fruck No.	Advice Dut incident to the dispo	NO SIG	Mary Construction of the low.	tus farno
ransporter's Pich ame ddress L407 Po Do mone No.	Fork dirt Hasten Do x 691 Cor	+ Rental L	L () 88220 Generator's sitt V Ollu		Oriver's Name Print Name Phone No. Fruck No. I delivered with	Advice Dut incident to the disponential Name/	RECEIV	MALURICA SIGNATURICA SIGNATURICA ARE	tur farno Ag
ransporter's Pich ame ddress L407 Po Do hone No. hereby certify that the above TRUCK TRUCK Red Blaff For a control of the same of the sa	FOR K dirt Licis Fon Do GII Cor GIII Cor TIME STAMP OUT: Gazility/ STF-065 May 235 Ona, TX 797	+ Rental L Shad NM Shad NM ORIVER'S SIGNATURE	S8220 Generator's sitt Volume DISPO	e listed above and	Oriver's Name Print Name Phone No. Truck No. I delivered with LITY Phone No.	Name/	RECEIV No.	Convers sign	8
ransporter's PICh ame ddress L407 Po Do; hone No. hereby cerlify that the above TRUCK TRUCK N: te Name/ ermit No. ddress NORM READING Chloride	FOR AIR POR GOLD OUT:	+ Rental L Shad NM Shad NM ORIVER'S SIGNATURE	6enerator's sitt Volume DISPO	e listed above and	Oriver's Name Print Name Phone No. Iruck No. I delivered with CILITY Phone No. If YES, was reac Conductivity (mmhos/cm)	Name/	RECEIV No.	Convers sign	turs farno Ag
ransporter's Pich ame ddress L407 Po Do; hone No. hereby certify that the above TRUCK TRUCK N: Red Bluff F 5053 ULUS NORM READING	FOR K dirt Licis Fon Do GII Cor GIII Cor TIME STAMP OUT: Gazility/ STF-065 May 235 Ona, TX 797	+ Rental L Shad NM Shad NM ORIVER'S SIGNATURE	6enerator's sitt Volume DISPO	e listed above and	Oriver's Name Print Name Phone No. Iruck No. I delivered with CILITY Phone No. If YES, was reac Conductivity (mmhos/cm)	Name/	RECEIV No.	Convers sign	NO

Received by OCD: 7/26/2022 9:02:07 AM

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Permian Basin

NOVO OIL & GAS NORTHERN Customer:

Customer #: CRI4317

RICO & SONS TRUCKING

Ordered by: BRYAN HANEY

AFE #:

PO #:

Manifest #: 8005161 Manif. Date: 4/9/2022

Hauler: Driver Truck #

Card #

Job Ref#

ISRAEL 80

Generator:

Generator #:

Well Ser. #: 999908 Well Name: HADES NORTH LOOP

4/9/2022

700-1292600

O6UJ9A000J90

NOVO OIL & GAS NORTHERN

Well #: Field: Field #:

Ticket #:

Bid #:

Date:

NON-DRILLING Rig: County EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

20.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature

R360 Representative Signature

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: Date:

Company Man Contact Information

"REQUIRED INFORMATION" Name Bryan Honey
Phone No. 361 658 3126

		GENE	RATOR	Ma dus NO. 8005	5161
Operator No.			Permit/RRC No. Lease/Well	(tack)	
Operators Name	NOVO OIL + GAS	LLC	Name & No.	North Loop	
Address	1001 west wilsh	re Bird	County	Eldy	
_	0811 41	ok sadaz	API No.	110	
City, State, Zip Phone No.	361 658 3126	OK 73116	Rig Name & No. AFE/PO No.	w/B	
	EXEMPT EXP Waste/S	ervice Identification and Amount	(place volume next to w	aste type in barrels or cubic yards)	White area
Oil Based Muds Oil Based Cuttings		INJECTABLE WATERS rout Water (Non-Injectable)		OTHER EXEMPT WASTES (type and goner	ation process or the waste)
Water Based Muds		pletion Fluid/Flow back (Non-Injectable	2)		
Water Based Cuttir Produced Formatic	The state of the s	uced Water (Non-Injectable) ering Line Water/Waste (Non-Injectabl	lal		
Tank Bottoms		RNAL USE ONLY			
E&P Contaminated Gas Plant Waste	Soil Truck	k Washout (exempt waste)			
WASTE GENERAT	TION PROCESS: DRILL	LING COMP	LETION 📈	PRODUCTION GA	ATHERING LINES
	All non-exempt E&P waste n	NON-EXEMPT E&P Waste/Senust be analysed and be below the thre		ount LP), Ignitability, Corrosivity and Reactivity	,
Non-Exempt Other			11/11/11	om Non-Exempt Waste List on back	
		0.0400016		7 6 K WARRS	5 SAGU
QUANTITY		B - BARRELS		ZO Y-YARDS	E - EACH
	. the above listed material(s), is (are) not a proper condition for transportation accor	· ·	R Part 261 or any applicable	state law. That each waste has been pro	operly described, classified and
(" -T)	Oil field wastes generate		iduction operations and are	not mixed with non-exempt waste (R360	3 Accepts certifications on a pe
RCRA EXEM	PT: load basis only)				
RCRA NON-				aste hazardous by characteristics establi	
		nazardous waste as defined by 40 CFK. Check the appropriate items as provide		ended. The following documentation der	nonstrating the waste as non-
	MSDS Information	RCRA Hazardous Waste A	· —	Other (Provide Description Below)	
	t- stand				
ORLAN	DO GONZALEZ				
	THORIZED AGENTS SIGNATURE		DATE	SIGNATUR	RE
	1 10	C TRANS	PORTER	1	_
ransporter's	Picc end so	1 / 1 / 1 / 1	Driver's Name	1/2	Commele
lame 1	itchfort dirtt	lantal LCC		12/00	6.6111010
Address	907 Haston Rd	ALAL GOVER	Print Name		
The sure Me	Po Box 691 Carlsb	ad NM 88220	Phone No.	0.0	
hone No.	a) to the second second		Truck No.	_00	-l W
hereby certify that	the above named material(s) was/were p	picked up at the Generator's site listed			elow.
SHIPMENT	DATE DRIVE	R'S SIGNATURE	OCLIVE	9-DJ /8re	RIVER'S SIGNATURE
	TRUCK TIME STAMP	DISPOSA	L FACILITY	RECEIVING	G AREA
N:	OUT;			Name/No	28
iite Name/		10		- Trainic/1101	-0
ermit No.	ed Bluff Facility STF-065	it way	Phone No.	432-448-4239	
ddress 5	199 Us. Highway 285, Orla, UX 79770	1			
	M READINGS TAKEN? (Circle One)	YES NO		ng > 50 micro roentgens? (circle one)	YES NO
اع hemical Analysis	hloride (Mg/l)		Conductivity (mmhas/cm)		Н
		TANKB	OTTOMS		
	Feel	Inches		•	
st Gauge	1		BSS	&W/BBLS Received	BS&W (%)
2nd Gauge Received				Free Water Total Received	
I hereby certify	My har above to a material has been (cir	cle one); ACCEPTED DEI	NIED If denied, why?		
41	MUMUL	419	EN (MY	
1	CAME (PRINT)	DATE	mit	SIGNATUL	

Received by OCD: 7/26/2022 9:02:07 A ENVIRONMENTAL SOLUTIONS Permian Basin	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	8005160 4/9/2022	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1292602 O6UJ9A000J90 4/9/2022 NOVO OIL & GA 999908 HADES NORTH NON-DRILLING EDDY (NM)	
Facility: CRI					
Product / Service		Quantity U	nits		
Contaminated Soil (RCRA Exemp	t)	20.00	yards		
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the abov X RCRA Exempt: Oil Field wastes ge RCRA Non-Exempt: Oil field waste characteristics established in RCRA reg amended. The following documentation MSDS Information RCRA Ha Driver/ Agent Signature	source Conserver described was nerated from oie which is non-lulations, 40 CF is attached to	vation and Recovery Act (RCRA) and ste is: il and gas exploration and production hazardous that does not exceed the mi R 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and nimum standar raste as defined te is non-hazard Other (Prov	are not mixed with ds for waste hazard in 40 CFR, part 26 dous. (Check the ap	non-exempt was ous by I, subpart D, as propriate items):
Customer Approval) Afri	L 2001	- 1000 -	

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Approved By:	Date:
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(PLEASE PRINT) *REQUIRED INFORMATION*

Company Man CoPrage 224 of 391

Name Bryon	Honey
Dhans No Z (1	452 2106

iil Based Muds NON-INJECTAE iil Based Cuttings Washout Wate	31vd	Permit/RRC No. Lease/Well Name & No. County API No. Rig Name & No.	North Loop	
ity, State, Zip none No. Charles Color C		API No.	tddy	
EXEMPT E&P Waste/Service Id Based Muds Based Cuttings Washout Wate	73116			
iil Based Muds NON-INJECTAE iil Based Cuttings Washout Wate		AFE/PO No.		
bil Based Cuttings Washout Wate	lentification and Amount (place	volume next to wa	ste type in barrels or cubic yards)	The state of the state of
Vater Based Cuttings Produced Wat roduced Formation Solids Gathering Line ank Boltoms UNTERNAL USE	er (Non-Injectable) uid/Flow back (Non-Injectable) er (Non-Injectable) • Water/Waste (Non-Injectable)		OTHER EXEMPT WASTES (type and general	tion procéss of the waste)
ASTE GENERATION PROCESS: DRILLING	COMPLETIO	N A	PRODUCTION GA	ATHERING LINES
	NON-EXEMPT E&P Waste/Service Id			
-All non-exempt E&P waste must be an on-Exempt Other	salvsed and be below the threshold), Ignitability, Corrosivity and Reactivity, in Non-Exempt Waste List on back	
TO TOWN CO.		picuse select froi	Won-Exempt wuste Est on buck	
UANTITY	B - BARRELS		20 Y-YARDS	E - EACH
ORLANDO CONZALEZ (PRINT) AUTHORIZED AGENTS SIGNATURE ansporter's PHORONG JINI + 201	TRANSPOI	RTER Driver's Name	Ald Mon So	(IDA)
Po Box 691 Carlsbad 1	NM 88220	Print Name Phone No.		1
one No. ereby certify that the above named material(s) was/were picked up	at the Generator's site listed above	Truck No.	incident to the disposal facility listed be	
SHIPMENT DATE DRIVER'S SIGNATUR		DELIVERY		IVERSMENATURE
TRUCK TIME STAMP N: OUT:	DISPOSAL FA	CILITY	RECEIVING Name/No.	AREA 2
e Name/ rmit No. Red Bluff Facility/ STF-065		Phone No.	132-448-4239	U
dress 5053 US Highway 285, Orla, TX 79770		-		
NORM READINGS TAKEN? (Circle One) YES Chloride emical Analysis 【Mg/I】	CNO	If YES, was reading Conductivity (mmhos/cm)	g > 50 micro roentgens? (circle ane)	YES NO
	TANK BOTT	OIVIS		
Feet I	nches	BS&\	N/BBLS Received	BS&W (%)
d Gauge ceived			Free Water Total Received	
	1-		-	

AFE #:

Hauler:

Truck #

Card #

Job Ref#

Driver

Manifest #:

Manif. Date: 4/9/2022

PO #:



Permian Basin

NOVO OIL & GAS NORTHERN Customer#: CRI4317

Ordered by: BRYAN HANEY

8005159

MANUEL

01

Bid #: Date:

700-1292604 O6UJ9A000J90

4/9/2022 NOVO OIL & GAS NORTHERN

Generator: Generator #:

Ticket #:

Well Ser. #: 999908

Well #:

Well Name: HADES NORTH LOOP

RICO & SONS TRUCKING Field:

Field #: Rig:

County

NON-DRILLING EDDY (NM)

Facility: CRI

Product / Service

Quantity Units

20.00 yards

Contaminated Soil (RCRA Exempt)

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): _ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver	Agent	Signature
--------	-------	-----------

R360 Representative/Signature

Customer Approval

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Approved By: Date:

Page 226 of 391

-HAZAKDOUS OILFIELD WA	ASTE MANIFEST	Company Mar	1 Contest Informatio	Ī
(PLEASE PRINT)	*REQUIRED INFORMATION*	Name Bryan Phone No. 361	Haney 658 3126	

			GENERATOR		NO.	800515	9
Operator No. Operators Name Address	Novo OLL +0	Ishire Blud	Leas	,	North lo		
City, State, Zip Phone No	Oklahoma (36165831	11, OK 73116 26	Rig I	Name & No /PO No			
	EXEMPT E&P W	ste/Service Identification and	Amount (place volum				mes man
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttin Produced Formatic Tank Bottoms E&P Contaminated Gas Plant Waste WASTE GENERAL	igs in Solids Soil	Washout Water (Non-Injectable) Completion Fluid/Flow back (Non Produced Water (Non-Injectable) Gathering Line Water/Waste (No INTERNAL USE ONLY Truck Washout (exempt waste) DRILLING	-Injectable) n-Injectable)		OTHER EXEMPT WASTES (I		
WASTE GENERAL	ION PROCESS.		COMPLETION			GATHERIN	G TIME2
Non-Exempt Other	All non-exempt E&P v	NON-EXEMPT E&P vaste must be analysed and be belo		r toxicity (TCLF			1
QUANTITY		B - BARRELS			20 Y-YARD	15	E - EACH
		e) not a hazardous waste as define					
ORLAI	NDO GONZALO	5					
ransporter's	Rica & Son		RANSPORTE	R er's Name	Mana	el Ria	
ame 1 ddress 1	107 Hoston Ri	+ Pental. Shad NM 88220	 Print	Name le No.)
hone No. hereby certify that	the above named material(s) was,	were picked up at the Generator's	Truck		incident to the disposal fa	cility istoff below.	λ
SHIPMENT	DATE	DRIVER'S SIGNATURE		DELIVERY	DATE /	DRIVER'S SIGNA	TURE
T N:	RUCK TIME STAMP OUT:	DISF	OSAL FACIL	ITY	REG Name/No.	CEIVING ABE	8
til	ed Bluff Facility/ STF-065 53 US Highway 285, Orla, TX 797	70	Phon	e No.	132-448-4239		
	VI READINGS TAKEN? (Circle One) floride Mg/I)	YES (NO	Cond	ES, was reading luctivity nhos/cm)	> 50 micro roentgens? (ci	rcle one) YES	NO pH
		TA	NK BOTTON	IS			
st Gauge nd Gauge eceived	Feet	Inches		BS&V	V/BBLS Received Free Water Total Received	BS&W (%	(6)
I hereby certify th	at the abov e load material has be	en (circle one)	DENED IF	denied, why?		SIGNATURE	

Received by OCD: 7/26/2022 9:02:07 A	Customer: Customer #: Ordered by: AFE #: PO #: Manifest #: Manif. Date: Hauler: Driver Truck # Card # Job Ref #	NOVO OIL & GAS NORTHERN CRI4317 BRYAN HANEY 8005158 4/9/2022 PITCHFORK DIRT & RENTAL L GERARDO 15	Ticket #: Bid #; Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	Page 227 of 391 700-1292608 O6UJ9A000J90 4/9/2022 NOVO OIL & GAS NORTHERN 999908 HADES NORTH LOOP NON-DRILLING EDDY (NM)					
Facility: CRI									
Product / Service		Quantity U	nits						
Contaminated Soil (RCRA Exempt	:)	20.00	yards						
Generator Certification Statement of Waste Status hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)									
amended. The following documentation	is attached to	demonstrate the above-described wast	le is non-hazaro	lous. (Check the appropriate items):					

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Approved By: _____ Date: ____

Page 228 of 391

Company	Man	Con	(iR)	Info	imát	igi
ne Bayo		Une	no	V		

				VE DO	GENERA	IUK	-	NO.	80051	5.2
perator No					-	Permit/RRC			00001	
perators Name	Novo	016.10	AS LLC	1		Lease/Well Name & No		with Le	က္	
ldress	1001	west w	Ishira A	Bluci	-	County		Eddy	15-75	
						API No.		,		
y, State, Zip	Okluh	ona Cu	1 0K 7	73116		Rig Name 8	No.			
one No.	361	658 31	26		-	AFE/PO No.				
J. J. S. Call	-Sumse	XEMPT E&P W	aste/Service Ide	intification ar	nd Amount (place	e volume next	to waste typi	e in barrels or cu	ibic yards)	
l Based Muds I Based Cuttings			Washout Water		le)		OTHER	XEMPT WASTES II	you and generation	process of the wastel
ater Based Mudi			Completion Flui	d/Flow back (N	lon-Injectable)					
ater Based Cuttir aduced Formatic			Produced Water Gathering Line V							
nk Bottonis P Contaminated	Soil		INTERNAL USE C							
s Plant Waste	1.3011		Truck Washout	(exempt waste)					
STE GENERAI	TION PROCESS	TOWN AND	DRILLING		COMPLETIC		PRODU	ICTION	GATH	ERING LINES
	All	non-exempt E&P			&P Waste/Service I elow the threshold			bility, Corresivity a	and Reactivity.	-
n Exempt Other						*please se	lect from Non-E	Exempt Waste List	on back	
ANTITY				B - BARRELS			2	Y-YARD	S	E - EACH
reby certify that	t the above lister	material(s), is (a	re) not a hazardou:	s waste as defi	ned by 40 CFR Part	261 or any app	licable state law	. That each waste	has been proper	ly described, classifie
21	1P F:	Oil field wastes g load basis only) Oil field waste w 261.21-261 24, o	hich is non-hazard or listed hazardous ched. (Check the a	and gas explor ous that does r waste as defin appropriate ite	ation and production not exceed the mini ed by 40 CFR, part :	imum standard: 261, subpart D,	s for waste haza as amended. Th	rdous by character	ristics established nentation demons	cepts certifications or Lin RCRA regulations, strating the waste as
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APPENDIX H Laboratory Analytical Data Reports



May 12, 2022

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO HADES NORTH LOOP

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 16:27.

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 www.tceq.texas.gov/field/ga/lab accredited certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB - 2 (0-1)	H221714-01	Soil	25-Apr-22 09:09	26-Apr-22 16:27
SB - 2 (2-3)	H221714-03	Soil	25-Apr-22 09:11	26-Apr-22 16:27
SB - 2 (5-6)	H221714-05	Soil	25-Apr-22 09:13	26-Apr-22 16:27
SB - 2 (7-8)	H221714-06	Soil	25-Apr-22 09:14	26-Apr-22 16:27
SB - 3 (0-1)	H221714-10	Soil	25-Apr-22 09:41	26-Apr-22 16:27
SB - 3 (2-3)	H221714-12	Soil	25-Apr-22 09:43	26-Apr-22 16:27
SB - 3 (3-4)	H221714-13	Soil	25-Apr-22 09:45	26-Apr-22 16:27
SB - 3 (5-6)	H221714-14	Soil	25-Apr-22 09:47	26-Apr-22 16:27
SB - 4 (0-1)	H221714-19	Soil	25-Apr-22 10:40	26-Apr-22 16:27
SB - 4 (2-3)	H221714-21	Soil	25-Apr-22 10:42	26-Apr-22 16:27
SB - 4 (3-4)	H221714-22	Soil	25-Apr-22 10:43	26-Apr-22 16:27
SB - 4 (5-6)	H221714-23	Soil	25-Apr-22 10:44	26-Apr-22 16:27
SB - 5 (0-1)	H221714-28	Soil	25-Apr-22 11:13	26-Apr-22 16:27
SB - 5 (2-3)	H221714-30	Soil	25-Apr-22 11:15	26-Apr-22 16:27
SB - 5 (5-6)	H221714-32	Soil	25-Apr-22 11:18	26-Apr-22 16:27
SB - 6 (0-1)	H221714-37	Soil	25-Apr-22 11:59	26-Apr-22 16:27
SB - 6 (2-3)	H221714-39	Soil	25-Apr-22 12:01	26-Apr-22 16:27
SB - 6 (5-6)	H221714-41	Soil	25-Apr-22 12:04	26-Apr-22 16:27
SB - 7 (0-1)	H221714-46	Soil	25-Apr-22 13:01	26-Apr-22 16:27
SB - 7 (2-3)	H221714-48	Soil	25-Apr-22 13:03	26-Apr-22 16:27
SB - 7 (3-4)	H221714-49	Soil	25-Apr-22 13:04	26-Apr-22 16:27
SB - 7 (5-6)	H221714-50	Soil	25-Apr-22 13:07	26-Apr-22 16:27
SB - 7 (7-8)	H221714-51	Soil	25-Apr-22 13:08	26-Apr-22 16:27
SB - 8 (0-1)	H221714-55	Soil	25-Apr-22 13:42	26-Apr-22 16:27
SB - 8 (2-3)	H221714-57	Soil	25-Apr-22 13:44	26-Apr-22 16:27
SB - 8 (5-6)	H221714-59	Soil	25-Apr-22 13:51	26-Apr-22 16:27
SB - 8 (7-8)	H221714-60	Soil	25-Apr-22 13:52	26-Apr-22 16:27

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418		•	NOVO HADES NORTH LOOP NVONM 2202/001 BRYAN HANEY	Reported: 12-May-22 14:53
SB - 9 (0-1)	H221714-64	Soil	25-Apr-22 13:28	26-Apr-22 16:27
SB - 9 (2-3)	H221714-66	Soil	25-Apr-22 13:30	26-Apr-22 16:27
SB - 10 (0-1)	H221714-73	Soil	25-Apr-22 13:23	26-Apr-22 16:27

05/04/22 - Client added Chlorides on 05/02/22 (See COC). This is the revised report with the additional data.

05/05/22 - Client added Chlorides on 05/04/22 (See COC). This is the 2nd revision of the report and will replace the one sent on 05/04/22.

05/10/22 - Client added Chlorides on 05/06/22 (See COC). This is the 3rd revision of the report and will replace the one sent on 05/05/22.

05/12/22 - Client added Chlorides on 05/10/22 (See COC). This is the 4th revision of the report and will replace the one sent on 05/10/22.

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 2 (0-1) H221714-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	1650		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			79.7 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			79.5 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			99.1 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			98.6 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celeg D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 2 (2-3)

H221714-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

 Inorganic Compounds

 Chloride
 16.0
 16.0
 mg/kg
 4
 2050303
 GM
 03-May-22
 4500-Cl-B

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Celey D. Keene

Reported:

12-May-22 14:53



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

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Fax To:

Project Manager: BRYAN HANEY

SB - 2 (5-6) H221714-05 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

Inorganic Compounds

Chloride 800 16.0 mg/kg 4 2051120 GM 11-May-22 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

ov To

SB - 2 (7-8)

H221714-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2051120	GM	11-May-22	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

12-May-22 14:53

Reported:

SB - 3 (0-1) H221714-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
	Cardinal Laboratories												
Inorganic Compounds													
Chloride	6240		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B				
Petroleum Hydrocarbons by G	C FID												
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B				
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B				
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B				
Surrogate: 1-Chlorooctane			93.7 %	66.9	-136	2042702	CK/	27-Apr-22	8015B				
Surrogate: 1-Chlorooctadecane			94.6 %	59.5	-142	2042702	CK/	27-Apr-22	8015B				
Volatile Organic Compounds b	y EPA Method	8260B											
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B				
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B				
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B				
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B				
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B				
Surrogate: Dibromofluoromethane			98.9 %	84-	115	2042710	MS	28-Apr-22	8260B				
Surrogate: Toluene-d8			100 %	95.3	-106	2042710	MS	28-Apr-22	8260B				
Surrogate: 4-Bromofluorobenzene			101 %	85.1	-109	2042710	MS	28-Apr-22	8260B				

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

T-

SB - 3 (2-3)

H221714-12 (Soil)

Analyte Result MDL Limit Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

Inorganic Compounds

Chloride 2560 16.0 mg/kg 4 2050303 GM 03-May-22 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 3 (3-4)

H221714-13 (Soil)

Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1410		16.0	mg/kg	4	2050512	AC	05-May-22	4500-Cl-B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 3 (5-6)H221714-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					

Inorganic Compounds 16.0 2050512 AC 05-May-22 4500-Cl-B Chloride 176 mg/kg

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 4 (0-1) H221714-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	6800		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			92.6 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			93.5 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			100 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			101 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			95.7 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Reported: 12-May-22 14:53

Fax To:

SB - 4 (2-3) H221714-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

Inorganic Compounds 16.0 2050303 GM 03-May-22 4500-Cl-B Chloride 5760 mg/kg

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Reported: 12-May-22 14:53

Fax To:

SB - 4 (3-4) H221714-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
Cardinal Laboratories													
Inorganic Compounds													
Chlavida	5520		16.0	ma/ka	4	2050512	۸C	05 May 22	4500 CLB				

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 4 (5-6) H221714-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					

Inorganic Compounds 16.0 2050512 AC 05-May-22 4500-Cl-B Chloride 208 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 5 (0-1) H221714-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	8880		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			99.4 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			99.9 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds h	oy EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			99.0 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			96.5 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Reported:

12-May-22 14:53



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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

SB - 5 (2-3)

H221714-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

Inorganic Compounds 16.0 2050303 GM 03-May-22 4500-Cl-B Chloride 1420 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 5 (5-6)

H221714-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborato	ries					

 Inorganic Compounds

 Chloride
 64.0
 16.0
 mg/kg
 4
 2050303
 GM
 03-May-22
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

SB - 6 (0-1) H221714-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4400		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			85.8 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			85.6 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			98.1 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			95.5 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 6 (2-3) H221714-39 (Soil)

Reporting Limit Result MDL Units Dilution Analyzed Method Notes Analyte Batch Analyst

Cardinal Laboratories

Inorganic Compounds 16.0 2050303 GM 03-May-22 4500-Cl-B Chloride 448 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

001 12-May-22 14:53

Project Manager: BRYAN HANEY

Fax To:

SB - 6 (5-6) H221714-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborato	ories					

 Inorganic Compounds

 Chloride
 384
 16.0
 mg/kg
 4
 2050641
 AC
 06-May-22
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 7 (0-1) H221714-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1580		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			85.6 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			86.4 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane		·	99.5 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			94.8 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

12-May-22 14:53

Reported:

SB - 7 (2-3) H221714-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

Inorganic Compounds 16.0 2050303 GM 03-May-22 4500-Cl-B Chloride 2080 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 7 (3-4)H221714-49 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
				Cardina	ıl Laborat	ories					
1	norganic Compounds										
(Chloride	1360		16.0	mg/kg	4	2050512	AC	05-May-22	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 7 (5-6) H221714-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	720		16.0	mg/kg	4	2050512	AC	05-May-22	4500-Cl-B	

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320

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

2050641

AC

06-May-22

Fax To:

Reported: 12-May-22 14:53

4500-Cl-B

SB - 7 (7-8) H221714-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 8 (0-1) H221714-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	11500		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	10.5		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	36.5		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			89.7 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			90.3 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	0.078		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			99.1 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			100 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			97.3 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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12-May-22 14:53



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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

SB - 8 (2-3)

H221714-57 (Soil)

Analyte Result MDL Reporting Limit Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

Inorganic Compounds

Chloride 192 16.0 mg/kg 4 2050303 GM 03-May-22 4500-Cl-B

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 8 (5-6) H221714-59 (Soil)

Anal	yte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
				Cardina	l Laborat	ories					
Inorg	ganic Compounds										
Chlor	ide	320		16.0	mg/kg	4	2050303	GM	03-May-22	4500-Cl-B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 8 (7-8) H221714-60 (Soil)

Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	2050303	GM	03-May-22	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 9 (0-1) H221714-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1330		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			87.4 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			88.6 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			99.0 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			104 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			95.0 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 9 (2-3) H221714-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	2050304	GM	03-May-22	4500-Cl-B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

SB - 10 (0-1) H221714-73 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			84.5 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			86.1 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			97.9 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			93.2 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2042811 - 1:4 DI Water										
Blank (2042811-BLK1)				Prepared &	k Analyzed:	28-Apr-22				
Chloride	ND	16.0	mg/kg							
LCS (2042811-BS1)				Prepared &	k Analyzed:	28-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2042811-BSD1)				Prepared &	k Analyzed:	28-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 2050303 - 1:4 DI Water										
Blank (2050303-BLK1)				Prepared &	k Analyzed:	03-May-22				
Chloride	ND	16.0	mg/kg							
LCS (2050303-BS1)				Prepared &	k Analyzed:	03-May-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2050303-BSD1)				Prepared &	દે Analyzed:	03-May-22				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 2050304 - 1:4 DI Water										
Blank (2050304-BLK1)				Prepared &	k Analyzed:	03-May-22				
Chloride	ND	16.0	mg/kg							
LCS (2050304-BS1)				Prepared &	k Analyzed:	03-May-22				
Chloride	416	16.0	mg/kg	400		104	80-120			

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2050304 - 1:4 DI Water										
LCS Dup (2050304-BSD1)				Prepared &	k Analyzed:	03-May-22	!			
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 2050512 - 1:4 DI Water										
Blank (2050512-BLK1)				Prepared &	analyzed:	05-May-22	2			
Chloride	ND	16.0	mg/kg							
LCS (2050512-BS1)				Prepared &	k Analyzed:	05-May-22	2			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2050512-BSD1)				Prepared &	k Analyzed:	05-May-22				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 2050641 - 1:4 DI Water										
Blank (2050641-BLK1)				Prepared &	k Analyzed:	06-May-22	2			
Chloride	ND	16.0	mg/kg							
LCS (2050641-BS1)				Prepared &	k Analyzed:	06-May-22	2			
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2050641-BSD1)				Prepared &	k Analyzed:	06-May-22	2			
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 2051120 - 1:4 DI Water										
Blank (2051120-BLK1)				Prepared &	k Analyzed:	11-May-22	!			
Chloride	ND	16.0	mg/kg							

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%REC

Limits

RPD

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Analyte

Project: NOVO HADES NORTH LOOP

Spike

Level

Source

Result

%REC

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 14:53

RPD

Limit

Notes

Inorganic Compounds - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Batch 2051120 - 1:4 DI Water									
LCS (2051120-BS1)				Prepared & Ana	alyzed: 11-May-22				
Chloride	416	16.0	mg/kg	400	104	80-120			
LCS Dup (2051120-BSD1)				Prepared & Ana	alyzed: 11-May-22				
Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20	

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%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Spike

Source

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reporting

Reported: 12-May-22 14:53

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2042702 - General Prep - Organics										
Blank (2042702-BLK1)				Prepared &	z Analyzed:	27-Apr-22				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.4		mg/kg	50.0		86.8	66.9-136			
Surrogate: 1-Chlorooctadecane	43.8		mg/kg	50.0		87.6	59.5-142			
LCS (2042702-BS1)				Prepared &	z Analyzed:	27-Apr-22				
GRO C6-C10	199	10.0	mg/kg	200		99.7	78.5-128			
DRO >C10-C28	183	10.0	mg/kg	200		91.6	75.8-135			
Total TPH C6-C28	383	10.0	mg/kg	400		95.7	81.5-127			
Surrogate: 1-Chlorooctane	51.4		mg/kg	50.0		103	66.9-136			
Surrogate: 1-Chlorooctadecane	49.3		mg/kg	50.0		98.5	59.5-142			
LCS Dup (2042702-BSD1)				Prepared &	z Analyzed:	27-Apr-22				
GRO C6-C10	200	10.0	mg/kg	200		100	78.5-128	0.509	21.4	
DRO >C10-C28	185	10.0	mg/kg	200		92.5	75.8-135	0.941	17.9	
Total TPH C6-C28	385	10.0	mg/kg	400		96.3	81.5-127	0.716	17.6	
Surrogate: 1-Chlorooctane	53.0		mg/kg	50.0		106	66.9-136			
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	59.5-142			

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%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Spike

Source

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reporting

Reported: 12-May-22 14:53

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2042710 - Volatiles										
Blank (2042710-BLK1)				Prepared &	k Analyzed:	27-Apr-22				
Benzene	ND	0.025	mg/kg							
Toluene	ND	0.025	mg/kg							
Ethylbenzene	ND	0.025	mg/kg							
Total Xylenes	ND	0.075	mg/kg							
Total BTEX	ND	0.150	mg/kg							
Surrogate: Dibromofluoromethane	1.24		mg/kg	1.25		98.8	84-115			
Surrogate: Toluene-d8	1.29		mg/kg	1.25		104	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.19		mg/kg	1.25		95.3	85.1-109			
LCS (2042710-BS1)				Prepared 8	& Analyzed:	27-Apr-22				
Benzene	0.486	0.025	mg/kg	0.500		97.1	70.2-121			
Toluene	0.470	0.025	mg/kg	0.500		94.0	76.9-126			
Ethylbenzene	0.502	0.025	mg/kg	0.500		100	79.1-124			
m+p - Xylene	1.01	0.050	mg/kg	1.00		101	80.8-134			
Total Xylenes	1.49	0.075	mg/kg	1.50		99.3	80.5-132			
o-Xylene	0.478	0.025	mg/kg	0.500		95.7	79-130			
Surrogate: Dibromofluoromethane	1.24		mg/kg	1.25		99.2	84-115			
Surrogate: Toluene-d8	1.26		mg/kg	1.25		101	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.23		mg/kg	1.25		98.5	85.1-109			
LCS Dup (2042710-BSD1)				Prepared &	k Analyzed:	27-Apr-22				
Benzene	0.482	0.025	mg/kg	0.500		96.5	70.2-121	0.684	9.42	
Toluene	0.465	0.025	mg/kg	0.500		93.1	76.9-126	0.982	10	
Ethylbenzene	0.508	0.025	mg/kg	0.500		102	79.1-124	1.09	10	
m+p - Xylene	1.00	0.050	mg/kg	1.00		100	80.8-134	0.771	9.6	
Total Xylenes	1.47	0.075	mg/kg	1.50		98.2	80.5-132	1.11	9.26	
o-Xylene	0.470	0.025	mg/kg	0.500		93.9	79-130	1.82	8.93	
Surrogate: Dibromofluoromethane	1.25		mg/kg	1.25		99.8	84-115			
Surrogate: Toluene-d8	1.26		mg/kg	1.25		101	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.22		mg/kg	1.25		97.9	85.1-109			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Reported:

12-May-22 14:53



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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

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PLEASE NOTE: 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 paid by client for analyses. All claims, including those for negligence ar any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 39 of 49



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

Celey D. Keene, Lab Director/Quality Manager

Page 40 of 49

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C	Turnaround Time: Stan	CHECKED BY:	Sample Condition	e) Observed Temp. °CD. 6 2	Delivered By: (Circle One)
ple -ha	1			Time:	
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	fter completion of the applicable y client, its subsidiaries, reasons or otherwise.	received by Cardinal within 30 days after oss of use, or loss of profits incurred by cike based mon any of the above stated reas	eermed waived unless made in writing and without limitation, business interruptions, limitation, possibles of whether such claim.	T-LEASE MV IE; Lucium and Lucinoges, cultures meaning and union and acceptance of the applicable analyses, All claims including those for negligence and any other cause whatsoever shall be determed waiwed unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses, All claims including those for negligence and any other cause whatsoever shall be determed waiwed unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including white incidental consequential damages including white incidence of white the received provided in the provided provided in the consequential damages. In claim of the provided provided in the provided provided provided in the provided	analyses. All claims including those for a service. In no event shall Cardinal be lia
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5/	20	Attn: GAS CA	Zip: 387/8	X	city: Corpus a
rh	ale	Company: Nodo C		PuntaBonaire PR	Address: 14229
		P.O. #:		-	Project Manager: /3
ANALYSIS REQUEST		BILL TO		tamba -US	Company Name:
			76	(575) 393-2326 FAX (575) 393-2476	(575)

☐ Yes ☐ Yes ☐ No ☐ No

Corrected Temp. °C

Yes Yes

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

CHAIN-OF-CUSTOD

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FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	LING	
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affiliates or successors arisi	sors arising out of or related to the performance of services hereunder by Co.	ardinal, regardless of whether such claim is based upon any of the above stated reast Received Bv:	ised upon any of the above stated re	Verbal Result: Yes No A	Add'l Phone #:
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All Results are emailed. Please provide Email address:

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REMARKS:

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Observed Temp. °C O. 60 Corrected Temp. °C

Cool Intact
Yes Yes Sample Condition

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Standard Rush

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

Thermometer ID #113 Correction Factor -0.5°C

Relinquished By service. In no event shall

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX (575) 393-2476	6														l	l	١						
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101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Observed Temp. °C	Date:	Time: 1627	द्वारा विकास	ce of services hereunder by Cardinal, regar	er cause whatsoever shall be o	client's exclusive remedy for a))	51	0	8	1	1	5)	1		I.D.		de Trong	Vous Mox	5 Worth 1-	Project Owner:	Fax #:	State: 7	Borale Dr	ancy	w	FAX (575) 393-2
Sample Condition Cool Intact	Received By:	SYDON	Necelyed by.	ardinal, regardless of whether such claim	analyses. 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 service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	PLEASE NOTE: 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 paid by the client for	9	, c	9-1	Q _ X	× ×	- >	>	7	\ \ \ \	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MP. MATRIX	niles	1/69	col	E. Bryan Hancy)	216.86.:diz				476
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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Corrected Temp. °C	Observed Temp. °C	Time:		Elene H	ent shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or issue profits incruded by classors arising out of some content of the above stated by classification of related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reg	PLEASE NOTE: 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 paid by the client for the analyses. All claims including those for negligence and any other cause whatspewer shall be deemed waived utiless made in writing and received by Cardinal within 20 days of the client for the		-15)	(2)	6	8	0	3	X	1	1		e I.D.			(Confect	War Mis	s rooth hoo	co/ Project Owner:	Fax #:	State: 7	Bonassa	and	522
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(0/0) 22-5250 (2/0)	000-2710				
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4	Wo MM May Col Project Owner;	by con Huney	City:	RUM	- eg	16,
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Sampler Name:	Milabo 139	Bulch	1		30	d
FOR LAB USE ONLY	0	P. MATRIX	PRESERV. SAMPLING	82	les	de
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53	5/3-17 (11-12)	7	x 4/25/12	(3/3 × ×		
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PLEASE NOTE: Liability ar analyses. All claims includion	nd Damages. Cardinal's liability and client's exclusive mg those for negligence and any other cause whatsor	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligance 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	r tort, shall be limited to the amount paid received by Cardinal within 30 days after	by the client for the completion of the applicable		
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Delivered By: (Circle One)		0.600	CHECKED BY: (Initials)		Standard Back Rush Cool	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C □ Yes
Sampler - UPS - Bus - Other:	Bus - Other: Corrected Temp. °C	0	X	Thermometer ID #113 Correction Factor -0.5°C		No No Corrected Temp. °C

Relinquished By:

Time:

Received By:

REMARKS:

Date: 20.23

Received By:

ther such claim is based upon any of the above stated reasons or otherwise.

Verbal Result: ions, loss of use, or loss of profits incurred by client, its subsidiaries

All Results are emailed. Please provide Email address:

□ Yes

□ No

Add'l Phone #:

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

Observed Temp. °C (). 60 6

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY:

Turnaround Time:

Standard Rush

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

Time:

Corrected Temp. °C

Relinquished By:

vice. In no event shall Cardinal be liable

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

aboratories

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

1111				
company value: My tum, w -us		BILL TO	ANALYSIS RI	REQUEST
Project Manager: Brown Hunas	P.O.	#)	
Address: 1429 Punta Bonakov	Com	Company: 1600 altest	nt.	
City: Lorpus Christi State: 7	Zip: 787/8 Attn:		a la	
Phone #: 36/65 8 3/26 Fax #:	Addi	Address:	in	
Project #: /UDMm 2202/64 Project Owner:	": Dryon Hun a City:		Sp	
Project Name: 12600 Hules 128th	State:	e: Zip:	2	
Project Location: Lowne Row Mex	Phone #:		00	
Sampler Name: Much Con Seek	Fax #:	*	511	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	01	
Lab I.D. Sample I.D.	RAB OR (C)OMP ONTAINERS OUNDWATER STEWATER L JDGE HER: D/BASE:	/ COOL	PH gordes	
4111224	# CO GRO WAS SOIL OIL SLUE	-		
52 58-8 (0-1)	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7 4/2/8 1345 x	X, X, X,	
57 52 8 PS)	>	1/4/ 1/4/ X	× × × × × × × × × × × × × × × × × × ×	
(4.5) 8-85 83	9 - ×	x 4/2/12 1345	λ λ	
59 58-8 (5-6)	G - >	1 4/15/12 1351	X X X	
(86) 8-8 (78)	S - X	x 9/2/122	X X X	
61 50.8 (9-10)	G - ×	x 4/8/p2 (353	×××	
62 53-8 (11-12)	6 - ×	x 8/25/201358	× :	
(SI-h1) R-85 ED	91 1	x 4/25/21400	×	
		1101/1011		

Thermometer ID #113 Correction Factor -0.5°C

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

Observed Temp. °C

Corrected Temp. °C

60

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials)

Turnaround Time:

Standard Rush

Corrected Temp. °C

Thermometer ID #113 Correction Factor -0.5°C

Time:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	or fort shall be limited to the emperatural built a	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and resolved by Cardinal within 30 days after completion of the service. In no event shall Cardinal be liable for indeed and any other cause what is a consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries affiliates or successors arising out of or leafed to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Refinancials be a subsidiaries of the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	analyses. 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	analyses. All claims including service. In no event shall Car affiliates or successors arising
	OTHER: ACID/BASE: VICE / COOL OTHER: DATE	# CONTAINERS # CONTAINERS # GROUNDWATER WASTEWATER SOIL OIL SLUDGE	Lab I.D. Sample I.D. (C) OM H721714 Lab I.D. HTC1714 CO CO TO TO TO TO TO TO TO TO	
82	PRESERV. SAMPLING	MATRIX		TON DE COE CINET
000	1		Mercho Busines	FOR LARLISE ONLY
0 6	Phone #:	0	come hammex	Project Location:
DI	State: Zip:	. 0	Mass Huches Month Leaf	Project Name:
الري	City:	Jun Huney	Spm La / Sch Project Owner	Project #: //
i Va	Address:		6	Phone #: 50
edos	Attn: CS/	8/88 C:diz	State: //	City: (6)
1	Company: Mana		29 finte bimana P.	Address: / 5
)	P.O. #:		or Bryon Huney	Project Manager:
ANALYSIS REQUEST	BILL TO		e Al tembre - us	Company Name:

Relinquished By:

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

Observed Temp. °C Corrected Temp. °C

600

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY:

Turnaround Time:

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

Yes Yes
No Corrected Temp. °C

00

Time:

Received By:

REMARKS:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

(010) 000-2020 1 701 (010) 000-20	+/0		
Company Name: Afterning -us		BILL TO	ANALYSIS REQUEST
Project Manager: Bryon Hanes	P.O.	0. #:	
Address: 1429 Punt Romer el	0)	Company Colo	20 lon
City: Copus Christi State: 7	Zip: 78998 Attn:	tn:) on
Phone #: 46/65 8 3/26 Fax #: -	Ad	Address:	Market Contraction of the Contra
Project #: MID JUM LLQ/co/ Project Owner	Sylon/huncy City:	Ŋ.	
Project Name: Morbo Houles Morth h	St.	State: Zip:	000
Project Location: Lown Rev Mex	Ph	Phone #:	
Sampler Name: Allah Eng Ed	Fa	Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	20
,	RS FER R		82
Lab I.D. Sample I.D.	O)RAB OR (C CONTAINER ROUNDWAT ASTEWATER DIL L LUDGE THER:	CID/BASE: E / COOL THER :	Bitex Dif son
73 82-10 10-1)	\ \ \	X Widsh	
14 SB-10 (1-2)	6 /	1/2/12/32	XXX
75 SR-10 (2-3)	٠ ×	X 4/15/21825	× × ×
76 53-16 (3-4)	9 -	X 4/25/2232	R X X X
77 513-10 5-6	2	2 8/2/2437	タ ス ス ス
18 86-16 (7-8)	9	x 4/25/2433	N X X
(9/-1) 0/-02	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	N 1/25/22/3	33/ 22/2
(51-41) 91-95 18	9 0	X 4/2/2/30	× × × × × × × × × × × × × × × × × × ×
RADE HOTEL I LUI		11 1/2 1/2	,
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telinquished By: Date: Received By: Verbal Res	Received By:	verb	verbal Result: ☐ Yes ☐ No Add'I Phone #:
Time:	SRODIE MIL	5	emailed. Please provi
elinquished By: Date:	Received By:	0	REMARKS:

Thermometer ID #113 Correction Factor -0.5°C



May 12, 2022

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO HADES NORTH LOOP

Enclosed are the results of analyses for samples received by the laboratory on 04/26/22 16:27.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Number: NVONM 2202/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB - 24 (0-1)	H221715-01	Soil	25-Apr-22 16:10	26-Apr-22 16:27
SB - 24 (2-3)	H221715-03	Soil	25-Apr-22 16:12	26-Apr-22 16:27
SB - 24 (3-4)	H221715-04	Soil	25-Apr-22 16:13	26-Apr-22 16:27
SB - 19 (0-1)	H221715-10	Soil	25-Apr-22 16:40	26-Apr-22 16:27
SB - 19 (2-3)	H221715-12	Soil	25-Apr-22 16:42	26-Apr-22 16:27
SB - 19 (3-4)	H221715-13	Soil	25-Apr-22 16:43	26-Apr-22 16:27
SB - 19 (5-6)	H221715-14	Soil	25-Apr-22 16:49	26-Apr-22 16:27
SB - 1 (0-1)	H221715-19	Soil	26-Apr-22 08:38	26-Apr-22 16:27
SB - 1 (2-3)	H221715-21	Soil	26-Apr-22 08:40	26-Apr-22 16:27
SB - 1 (3-4)	H221715-22	Soil	26-Apr-22 08:41	26-Apr-22 16:27
SB - 11 (0-1)	H221715-28	Soil	26-Apr-22 09:26	26-Apr-22 16:27
SB - 11 (3-4)	H221715-31	Soil	26-Apr-22 09:29	26-Apr-22 16:27
SB - 11 (7-8)	H221715-33	Soil	26-Apr-22 09:33	26-Apr-22 16:27
SB - 13 (0-1)	H221715-38	Soil	26-Apr-22 12:44	26-Apr-22 16:27
SB - 13 (2-3)	H221715-40	Soil	26-Apr-22 12:46	26-Apr-22 16:27
SB - 13 (3-4)	H221715-41	Soil	26-Apr-22 12:47	26-Apr-22 16:27
SB - 13 (5-6)	H221715-42	Soil	26-Apr-22 12:49	26-Apr-22 16:27
SB - 13 (7-8)	H221715-43	Soil	26-Apr-22 12:50	26-Apr-22 16:27
SB - 13 (9-10)	H221715-44	Soil	26-Apr-22 12:51	26-Apr-22 16:27
SB - 13 (11-12)	H221715-45	Soil	26-Apr-22 13:07	26-Apr-22 16:27
SB - 12 (0-1)	H221715-47	Soil	26-Apr-22 13:29	26-Apr-22 16:27
SB - 12 (2-3)	H221715-49	Soil	26-Apr-22 13:31	26-Apr-22 16:27
SB - 12 (5-6)	H221715-51	Soil	26-Apr-22 13:34	26-Apr-22 16:27
SB - 12 (7-8)	H221715-52	Soil	26-Apr-22 13:35	26-Apr-22 16:27
SB - 15 (0-1)	H221715-56	Soil	26-Apr-22 14:14	26-Apr-22 16:27
SB - 15 (2-3)	H221715-58	Soil	26-Apr-22 14:16	26-Apr-22 16:27
SB - 15 (3-4)	H221715-59	Soil	26-Apr-22 14:17	26-Apr-22 16:27

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

05/05/22 - Client added Chlorides on 05/02/22 and 05/03/22 (See COC). This is the revised report and will replace the one sent on 04/29/22.

05/10/22 - Client added Chlorides on 05/06/22 (See COC). This is the 2nd revision of the report and will replace the one sent on 05/05/22.

05/12/22 - Client added Chlorides on 05/10/22 (See COC). This is the 3rd revision of the report and will replace the one sent

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 24 (0-1) H221715-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			99.0 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			98.3 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			100 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			102 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			93.6 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 24 (2-3) H221715-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

Inorganic Compounds 16.0 2050310 AC 03-May-22 4500-Cl-B Chloride 16.0 mg/kg

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Reported:

12-May-22 15:04



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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

SB - 24 (3-4)

Reporting Limit Result MDL Units Dilution Analyzed Method Notes Analyte Batch Analyst

H221715-04 (Soil)

Cardinal Laboratories

Inorganic Compounds 16.0 2050432 AC 04-May-22 4500-Cl-B Chloride 64.0 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 19 (0-1) H221715-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	352		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			83.4 %	66.9	-136	2042702	CK/	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			83.8 %	59.5	-142	2042702	CK/	27-Apr-22	8015B	
Volatile Organic Compounds l	oy EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane	<u> </u>		100 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			92.6 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Reported: 12-May-22 15:04

Fax To:

SB - 19 (2-3) H221715-12 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
-				Cardinal	Laborato	ries					

Inorganic Compounds 16.0 2050310 AC 03-May-22 4500-Cl-B Chloride mg/kg

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Celey D. Keene



192

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

2050432

AC

04-May-22

Fax To:

Reported: 12-May-22 15:04

4500-Cl-B

SB - 19 (3-4) H221715-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										

mg/kg

16.0

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 19 (5-6) H221715-14 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
•				Cardinal	l Laborato	ories					

Inorganic Compounds 16.0 2051123 GM 11-May-22 4500-Cl-B Chloride 336 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Li Manager. DKTAN F

Fax To:

Reported: 12-May-22 15:04

SB - 1 (0-1) H221715-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4960		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			87.9 %	66.9	-136	2042706	JH	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			90.8 %	59.5	-142	2042706	JH	27-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane		·	101 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			104 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			95.3 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 1 (2-3) H221715-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												
Chloride	2160		16.0	mg/kg	4	2050310	AC	03-May-22	4500-Cl-B			

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

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SB - 1 (3-4) H221715-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												
Chloride	208		16.0	mg/kg	4	2050310	AC	03-May-22	4500-Cl-B			

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 11 (0-1) H221715-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042706	JН	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			86.8 %	66.9	-136	2042706	JH	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			89.8 %	59.5	-142	2042706	JH	27-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			99.5 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			93.2 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



48.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

4500-Cl-B

SB - 11 (3-4) H221715-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	Laborato	ories					

16.0

Inorganic Compounds mg/kg

2050310

AC

03-May-22

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 11 (7-8) H221715-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
	Cardinal Laboratories												
Inorganic Compounds	norganic Compounds												
Chlavida	640		16.0	ma/ka	1	2051123	GM	11 May 22	4500 CLB				

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 13 (0-1) H221715-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	7600		16.0	mg/kg	4	2042811	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042706	JН	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042706	JН	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042706	JН	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			92.8 %	66.9	-136	2042706	JH	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			97.1 %	59.5	-142	2042706	JH	27-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane		·	99.4 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			94.9 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



9800

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Inorganic Compounds

Chloride

Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Reported: 12-May-22 15:04

4500-Cl-B

Project Manager: BRYAN HANEY

Fax To:

SB - 13 (2-3) H221715-40 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories											

mg/kg

16.0

AC

03-May-22

2050310

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

2050637

AC

06-May-22

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

4500-Cl-B

SB - 13 (3-4) H221715-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Number: NVONM 2202/001
Project Manager: BRYAN HANEY

2050637

AC

06-May-22

Fax To:

Reported: 12-May-22 15:04

4500-Cl-B

SB - 13 (5-6) H221715-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
Cardinal Laboratories													
Inorganic Compounds													

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 13 (7-8) H221715-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

Inorganic Compounds 16.0 2050637 AC 06-May-22 4500-Cl-B Chloride 3840 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 13 (9-10) H221715-44 (Soil)

Analyte	Result	MDL	Limit Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	ories						
Inorganic Compounds											
Chloride	16.0		16.0	mg/kg	4	2051123	GM	11-May-22	4500-Cl-B		

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 13 (11-12) H221715-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	2051123	GM	11-May-22	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 12 (0-1) H221715-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	2042812	GM	28-Apr-22	4500-Cl-B	QM-07
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042706	JН	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			67.3 %	66.9	-136	2042706	JН	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			70.7 %	59.5	-142	2042706	ЈН	27-Apr-22	8015B	
Volatile Organic Compounds h	oy EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane			99.4 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			92.5 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 12 (2-3) H221715-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

Inorganic Compounds 16.0 2050311 AC 03-May-22 4500-Cl-B Chloride 16.0 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 12 (5-6) H221715-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	l Laborato	ories					

Inorganic Compounds 16.0 2051123 GM 11-May-22 4500-Cl-B Chloride 528 mg/kg

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48.0

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

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

2051123

GM

11-May-22

Fax To:

Reported: 12-May-22 15:04

4500-Cl-B

SB - 12 (7-8) H221715-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 15 (0-1) H221715-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	2042812	GM	28-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042706	JH	27-Apr-22	8015B	
Surrogate: 1-Chlorooctane			76.4 %	66.9	-136	2042706	JH	27-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			81.0 %	59.5	-142	2042706	JH	27-Apr-22	8015B	
Volatile Organic Compounds l	oy EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2042710	MS	28-Apr-22	8260B	
Surrogate: Dibromofluoromethane	<u> </u>		99.3 %	84-	115	2042710	MS	28-Apr-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2042710	MS	28-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			92.8 %	85.1	-109	2042710	MS	28-Apr-22	8260B	

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 15 (2-3) H221715-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

Inorganic Compounds 16.0 2050311 AC 03-May-22 4500-Cl-B Chloride 32.0 mg/kg

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

SB - 15 (3-4) H221715-59 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

Cardinal Laboratories

 Inorganic Compounds

 Chloride
 64.0
 16.0
 mg/kg
 4
 2050641
 AC
 06-May-22
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2042811 - 1:4 DI Water	result	Dillit	- Cinto	Dever	resur	, stabe	Ziiiito	14.15	Ziiiit	1.365
Blank (2042811-BLK1)				Prepared &	Analyzed:	28-Apr-22				
Chloride	ND	16.0	mg/kg	•	•	-				
LCS (2042811-BS1)				Prepared &	k Analyzed:	28-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2042811-BSD1)				Prepared &	k Analyzed:	28-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 2042812 - 1:4 DI Water										
Blank (2042812-BLK1)				Prepared &	k Analyzed:	28-Apr-22				
Chloride	ND	16.0	mg/kg							
LCS (2042812-BS1)				Prepared &	ά Analyzed:	28-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2042812-BSD1)				Prepared &	k Analyzed:	28-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 2050310 - 1:4 DI Water										
Blank (2050310-BLK1)				Prepared &	k Analyzed:	03-May-22				
Chloride	ND	16.0	mg/kg							
LCS (2050310-BS1)				Prepared &	z Analyzed:	03-May-22				
Chloride	416	16.0	mg/kg	400	·	104	80-120			<u> </u>

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001
Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2050310 - 1:4 DI Water										
LCS Dup (2050310-BSD1)				Prepared &	z Analyzed:	03-May-22	2			
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 2050311 - 1:4 DI Water										
Blank (2050311-BLK1)				Prepared &	Analyzed:	03-May-22	2			
Chloride	ND	16.0	mg/kg							
LCS (2050311-BS1)				Prepared &	Analyzed:	03-May-22	2			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2050311-BSD1)				Prepared &	Analyzed:	03-May-22	2			
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 2050432 - 1:4 DI Water										
Blank (2050432-BLK1)				Prepared &	Analyzed:	04-May-22	!			
Chloride	ND	16.0	mg/kg							
LCS (2050432-BS1)				Prepared &	Analyzed:	04-May-22	!			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2050432-BSD1)				Prepared &	z Analyzed:	04-May-22	2			
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 2050637 - 1:4 DI Water										
Blank (2050637-BLK1)				Prepared &	z Analyzed:	06-May-22	2			
Chloride	ND	16.0	mg/kg							

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2050637 - 1:4 DI Water										
LCS (2050637-BS1)				Prepared &	k Analyzed:	06-May-22				
Chloride	432	16.0	mg/kg	400	·	108	80-120			
LCS Dup (2050637-BSD1)				Prepared &	ե Analyzed:	06-May-22				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 2050641 - 1:4 DI Water										
Blank (2050641-BLK1)				Prepared &	ն Analyzed:	06-May-22				
Chloride	ND	16.0	mg/kg		·		·			
LCS (2050641-BS1)				Prepared &	ե Analyzed:	06-May-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2050641-BSD1)				Prepared &	ե Analyzed:	06-May-22				
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 2051123 - 1:4 DI Water										
Blank (2051123-BLK1)				Prepared &	k Analyzed:	11-May-22				
Chloride	ND	16.0	mg/kg							
LCS (2051123-BS1)				Prepared &	k Analyzed:	11-May-22				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2051123-BSD1)				Prepared &	ե Analyzed:	11-May-22				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Spike

Source

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

	D 1.	reporting	TT 1.		D 1	0/DEC	T 1 1	DDD	T	3.7
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2042702 - General Prep - Organics										
Blank (2042702-BLK1)				Prepared &	z Analyzed:	27-Apr-22	!			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.4		mg/kg	50.0		86.8	66.9-136			
Surrogate: 1-Chlorooctadecane	43.8		mg/kg	50.0		87.6	59.5-142			
LCS (2042702-BS1)				Prepared &	k Analyzed:	27-Apr-22	!			
GRO C6-C10	199	10.0	mg/kg	200		99.7	78.5-128			
DRO >C10-C28	183	10.0	mg/kg	200		91.6	75.8-135			
Total TPH C6-C28	383	10.0	mg/kg	400		95.7	81.5-127			
Surrogate: 1-Chlorooctane	51.4		mg/kg	50.0		103	66.9-136			
Surrogate: 1-Chlorooctadecane	49.3		mg/kg	50.0		98.5	59.5-142			
LCS Dup (2042702-BSD1)				Prepared &	ե Analyzed:	27-Apr-22	!			
GRO C6-C10	200	10.0	mg/kg	200		100	78.5-128	0.509	21.4	
DRO >C10-C28	185	10.0	mg/kg	200		92.5	75.8-135	0.941	17.9	
Total TPH C6-C28	385	10.0	mg/kg	400		96.3	81.5-127	0.716	17.6	
Surrogate: 1-Chlorooctane	53.0		mg/kg	50.0		106	66.9-136			
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	59.5-142			
Batch 2042706 - General Prep - Organics										
Blank (2042706-BLK1)				Prepared &	k Analyzed:	27-Apr-22	!			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							

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Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

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mg/kg

mg/kg

50.0

50.0

90.1

93.8

66.9-136

59.5-142

45 1

46.9

Celey D. Keens

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Spike

Source

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2042706 - General Prep - Organics										
LCS (2042706-BS1)				Prepared &	k Analyzed:	27-Apr-22	!			
GRO C6-C10	205	10.0	mg/kg	200		103	78.5-128			
DRO >C10-C28	190	10.0	mg/kg	200		95.2	75.8-135			
Total TPH C6-C28	395	10.0	mg/kg	400		98.9	81.5-127			
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.1	66.9-136			
Surrogate: 1-Chlorooctadecane	51.5		mg/kg	50.0		103	59.5-142			
LCS Dup (2042706-BSD1)				Prepared &	analyzed:	27-Apr-22	!			
GRO C6-C10	201	10.0	mg/kg	200		100	78.5-128	2.10	21.4	
DRO >C10-C28	184	10.0	mg/kg	200		91.9	75.8-135	3.47	17.9	
Total TPH C6-C28	385	10.0	mg/kg	400		96.2	81.5-127	2.76	17.6	
Surrogate: 1-Chlorooctane	46.8		mg/kg	50.0		93.5	66.9-136			
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	59.5-142			

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Celey D. Keine



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Spike

Source

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:04

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2042710 - Volatiles										
Blank (2042710-BLK1)				Prepared &	Analyzed:	27-Apr-22				
Benzene	ND	0.025	mg/kg							
Toluene	ND	0.025	mg/kg							
Ethylbenzene	ND	0.025	mg/kg							
Total Xylenes	ND	0.075	mg/kg							
Total BTEX	ND	0.150	mg/kg							
Surrogate: Dibromofluoromethane	1.24		mg/kg	1.25		98.8	84-115			
Surrogate: Toluene-d8	1.29		mg/kg	1.25		104	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.19		mg/kg	1.25		95.3	85.1-109			
LCS (2042710-BS1)				Prepared &	: Analyzed:	27-Apr-22				
Benzene	0.486	0.025	mg/kg	0.500		97.1	70.2-121			
Гoluene	0.470	0.025	mg/kg	0.500		94.0	76.9-126			
Ethylbenzene	0.502	0.025	mg/kg	0.500		100	79.1-124			
m+p - Xylene	1.01	0.050	mg/kg	1.00		101	80.8-134			
o-Xylene	0.478	0.025	mg/kg	0.500		95.7	79-130			
Total Xylenes	1.49	0.075	mg/kg	1.50		99.3	80.5-132			
Surrogate: Dibromofluoromethane	1.24		mg/kg	1.25		99.2	84-115			
Surrogate: Toluene-d8	1.26		mg/kg	1.25		101	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.23		mg/kg	1.25		98.5	85.1-109			
LCS Dup (2042710-BSD1)				Prepared &	: Analyzed:	27-Apr-22				
Benzene	0.482	0.025	mg/kg	0.500		96.5	70.2-121	0.684	9.42	
Toluene	0.465	0.025	mg/kg	0.500		93.1	76.9-126	0.982	10	
Ethylbenzene	0.508	0.025	mg/kg	0.500		102	79.1-124	1.09	10	
m+p - Xylene	1.00	0.050	mg/kg	1.00		100	80.8-134	0.771	9.6	
Total Xylenes	1.47	0.075	mg/kg	1.50		98.2	80.5-132	1.11	9.26	
o-Xylene	0.470	0.025	mg/kg	0.500		93.9	79-130	1.82	8.93	
Surrogate: Dibromofluoromethane	1.25		mg/kg	1.25		99.8	84-115			
Surrogate: Toluene-d8	1.26		mg/kg	1.25		101	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.22		mg/kg	1.25		97.9	85.1-109			

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Reported:

12-May-22 15:04



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

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

recovery.

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

Celey D. Keene, Lab Director/Quality Manager

Page 38 of 45

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

Observed Temp. °C Corrected Temp. °C

600

Cool Intact
A Yes A Yes
No No Sample Condition

CHECKED BY:

Turnaround Time:

Standard Rush

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

Yes Yes
No Corrected Temp. °C

Thermometer ID #113 Correction Factor -0.5°C

101 East Marland, Hobbs, NM 88240

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	vo es	dition CHECKED BY:	(leign rev	regardless of whether such claim is based upon any of the above stated ceived By:	TEASE TWI ET. Leating and ventrigence and any office cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable natives. All claims including those for negligence and any office cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable are received by Cardinal be lightle for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	contract or took shall be limited to the amount raid by the client for the	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	N.	x %	x ?	2)	× 7/2		× ×	SLUD OTHE ACID/ ICE / G OTHE	R: BASE:		PRESERV.	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn:	Company: Rec	P.O. #:	BILL	
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland (575) 393-2326	CARD	

East Marland, Hobbs, NM 88240 5) 393-2326 FAX (575) 393-2476

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Page 41 of 45

AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88240	Laboratories
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Page 42 of 45

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Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	Sample Condition CHECKED BY: Cool Intact (Initials) No No	Received By:	is exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the use whatsoever shall be deemed waiwed unless made in writing and received by Cardinal within 30 days after completion of the app rental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	GROUNDWATER WASTEWATER WASTEWATER OIL OIL SLUDGE OTHER: ACID/BASE: ACID/BASE	BILL
ail changes to celey.keene@car	Turnaround Time: Thermometer ID #113 Correction Factor -0.5°C	Verbal Result:	amount paid by the client for the 30 days after completion of the applicable ncurred by client, its subsidiaries, we stated reasons or otherwise.	SAMPLING SAM	70
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Page 43 of 45

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 44 of 45

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Observed Temp. °C

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All Results are emailed. Please provide Email address:

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> CHECKED BY: (Initials)

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Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

Thermometer ID #113
Correction Factor -0.5°C

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

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She. In no event shall Cardinal be liable

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	F	Page 323 of 39
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oject #: NIONM 220260 Project Owner:	you /funey city:	y:	ed /2
oject Name: 1600 Hades Worth	State:	ite: Zip:	n /)
oject Location: Louing Mow Mex	/C C Ph	Phone #:	0
impler Name: Holich Con Rede &	Fax #:	(#:	80
	MATRIX	PRESERV. SAMPLING	57 32
OMP	R	2 5000	C.C.
Lab I.D. Sample I.D.	THE RESIDENCE	OOL	Rex 11 8 Diside
221715 (G)RAE	GROUI	ACID/B ICE / C OTHER DATE TIME	C
56 510-15 (0-1)	× ×	X	` '
58 18 (3-3)	> 7	X 4/1622 /4/6	X
59/20-15 0-4)	×	X 4/hope 1417	-
6 8-15 (5-6)	× >	X 4/1905 144	-
67 20-18 (3-10)	X	x 4/2000/400	-
63,58-15 (11-12) 6	2	1/16/02-1433	
N 64 28-15 (14-15) G	-	1 4/2/12/4%	
SE NOTE: Liability and Damages. Cardinal's liability and clerit'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 sex. 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 competion of the application. In no event shall Cardinal be liable for incurred by client, its subsidiaries,	arising whether based in contract or tort, waived unless made in writing and recei limitation, business interruptions, loss of	, shall be limited to the amount paid by the client for i ved by Cardinal within 30 days after completion of th use, or loss of profits incurred by client, its subsidiari	he applicable ss,
services here to the control of the plane to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise	renardless of whether such claim is base	ad iinan amu of the shoue stated reasons or otherwisi	

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

Thermometer ID #113
Correction Factor -0.5°C

Observed Temp. °C Corrected Temp. °C

Cool Intact
Yes Yes Sample Condition

CHECKED BY:

Turnaround Time:

Standard Rush

DD

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

Time:

Received By:

REMARKS:

All Results are emailed. Please provide Email address:

Verbal Result:

□ Yes

ON O

Add'l Phone #:

Charle 00

Received By:

Page 45 of 45



May 12, 2022

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO HADES NORTH LOOP

Enclosed are the results of analyses for samples received by the laboratory on 04/29/22 10:35.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Reported:

12-May-22 15:09



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

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Laboratory ID Sample ID **Matrix Date Sampled Date Received** H221765-01 27-Apr-22 14:43 Soil 29-Apr-22 10:35 SB - 14 (0-1) 27-Apr-22 14:45 H221765-03 Soil 29-Apr-22 10:35 SB - 14 (2-3) 27-Apr-22 14:46 H221765-04 Soil 29-Apr-22 10:35 SB - 14 (3-4) H221765-10 27-Apr-22 08:31 Soil 29-Apr-22 10:35 SB - 16 (0-1) 27-Apr-22 08:33 H221765-12 29-Apr-22 10:35 SB - 16 (2-3) Soil 27-Apr-22 08:36 H221765-14 29-Apr-22 10:35 SB - 16 (5-6) Soil 27-Apr-22 14:14 H221765-19 SB - 17 (0-1) Soil 29-Apr-22 10:35 27-Apr-22 14:16 H221765-21 SB - 17 (2-3) Soil 29-Apr-22 10:35 27-Apr-22 14:20 H221765-23 Soil 29-Apr-22 10:35 SB - 17 (5-6) 27-Apr-22 13:33 H221765-28 29-Apr-22 10:35 SB - 18 (0-1) Soil 27-Apr-22 13:35 H221765-30 Soil 29-Apr-22 10:35 SB - 18 (2-3) H221765-31 27-Apr-22 13:36 Soil 29-Apr-22 10:35 SB - 18 (3-4) 27-Apr-22 13:38 H221765-32 Soil 29-Apr-22 10:35 SB - 18 (5-6) H221765-37 27-Apr-22 12:22 29-Apr-22 10:35 SB - 20 (0-1) Soil 27-Apr-22 12:24 H221765-39 29-Apr-22 10:35 Soil SB - 20 (2-3) 27-Apr-22 12:25 H221765-40 29-Apr-22 10:35 Soil SB - 20 (3-4) 27-Apr-22 12:28 H221765-41 Soil 29-Apr-22 10:35 SB - 20 (5-6) 27-Apr-22 12:29 H221765-42 Soil 29-Apr-22 10:35 SB - 20 (7-8) 27-Apr-22 12:30 H221765-43 SB - 20 (9-10) Soil 29-Apr-22 10:35 27-Apr-22 10:36 H221765-46 Soil 29-Apr-22 10:35 SB - 21 (0-1) 27-Apr-22 10:38 H221765-48 Soil 29-Apr-22 10:35 SB - 21 (2-3) 27-Apr-22 10:39 H221765-49 Soil 29-Apr-22 10:35 SB - 21 (3-4) 27-Apr-22 09:58 H221765-55 SB - 22 (0-1) Soil 29-Apr-22 10:35 27-Apr-22 10:00 H221765-57 29-Apr-22 10:35 Soil SB - 22 (2-3) 27-Apr-22 10:01 H221765-58 Soil 29-Apr-22 10:35 SB - 22 (3-4) H221765-64 27-Apr-22 09:19 29-Apr-22 10:35 Soil SB - 23 (0-1) 27-Apr-22 09:21 H221765-66 Soil 29-Apr-22 10:35 SB - 23 (2-3)

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418		•	NOVO HADES NORTH LOOP NVONM 2202/001 BRYAN HANEY	Reported: 12-May-22 15:09
SB - 23 (3-4)	H221765-67	Soil	27-Apr-22 09:22	29-Apr-22 10:35
SB - 23 (5-6)	H221765-68	Soil	27-Apr-22 09:25	29-Apr-22 10:35
SB - 25 (0-1)	H221765-73	Soil	27-Apr-22 11:46	29-Apr-22 10:35
SB - 25 (2-3)	H221765-75	Soil	27-Apr-22 11:48	29-Apr-22 10:35
SB - 25 (5-6)	H221765-77	Soil	27-Apr-22 11:51	29-Apr-22 10:35

05/05/22 - Client added Chlorides on 05/03/22 (See COC). This is the revised report and will replace the one sent on 05/03/22.

05/10/22 - Client added Chlorides on 05/05/22 and 05/06/22 (See COC). This is the 2nd revision of the report and will replace the one sent on 05/05/22.

05/12/22 - Client added Chlorides on 05/10/22 (See COC). This is the 3rd revision of the report and will replace the one sent on 05/10/22.

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 14 (0-1) H221765-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2042905	GM	02-May-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	MS	02-May-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	MS	02-May-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	MS	02-May-22	8015B	
Surrogate: 1-Chlorooctane			97.9 %	66.9	-136	2042908	MS	02-May-22	8015B	
Surrogate: 1-Chlorooctadecane			96.5 %	59.5	-142	2042908	MS	02-May-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane			99.0 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			101 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			100 %	85.1	-109	2050211	MS	02-May-22	8260B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 14 (2-3)

H221765-03 (Soil)

Analyte Re	esult MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
------------	-----------	--------------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories

 Inorganic Compounds

 Chloride
 64.0
 16.0
 mg/kg
 4
 2050432
 AC
 04-May-22
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 14 (3-4) H221765-04 (Soil)

Analyte	Result	MDL	Limit Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												
Chloride	48.0		16.0	mg/kg	4	2050637	AC	06-May-22	4500-Cl-B			

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 16 (0-1) H221765-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	2042905	GM	02-May-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctane			115 %	66.9	-136	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			134 %	59.5	-142	2042908	CK	29-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	0.078		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane		·	97.0 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			103 %	85.1	-109	2050211	MS	02-May-22	8260B	

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80.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Inorganic Compounds

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

4500-Cl-B

SB - 16 (2-3) H221765-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

mg/kg

16.0

AC

04-May-22

2050432

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 16 (5-6) H221765-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

 Inorganic Compounds

 Chloride
 32.0
 16.0
 mg/kg
 4
 2050432
 AC
 04-May-22
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 17 (0-1) H221765-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	2042905	GM	02-May-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctane			114 %	66.9	-136	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			133 %	59.5	-142	2042908	CK	29-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	0.127		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	0.036		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	0.219		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane	·	·	97.9 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			98.7 %	85.1	-109	2050211	MS	02-May-22	8260B	

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48.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP

2050432

AC

04-May-22

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

4500-Cl-B

SB - 17 (2-3) H221765-21 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories												
	Inorganic Compounds											

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 17 (5-6) H221765-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					

Inorganic Compounds 16.0 2050432 AC 04-May-22 4500-Cl-B Chloride 64.0 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 18 (0-1) H221765-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	9360		16.0	mg/kg	4	2042905	GM	02-May-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctane			110 %	66.9	-136	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			129 %	59.5	-142	2042908	CK	29-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	0.088		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane	·	·	96.3 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			96.8 %	85.1	-109	2050211	MS	02-May-22	8260B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 18 (2-3)

H221765-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					

Inorganic Compounds 2050432 AC 04-May-22 4500-Cl-B Chloride 48.0 16.0 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 18 (3-4) H221765-31 (Soil)

		Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Inorganic Compounds 16.0 2050436 AC 04-May-22 4500-Cl-B Chloride 64.0 mg/kg

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Reported:

4500-Cl-B

12-May-22 15:09



528

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Inorganic Compounds

Chloride

Project: NOVO HADES NORTH LOOP

2050641

AC

06-May-22

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

SB - 18 (5-6)

H221765-32 (Soil)

16.0

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	l Laborato	ories					

mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 20 (0-1) H221765-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4000		16.0	mg/kg	4	2042905	GM	02-May-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctane			116 %	66.9	-136	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			138 %	59.5	-142	2042908	CK	29-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	0.116		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	0.031		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane	·	·	98.4 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			97.6 %	85.1	-109	2050211	MS	02-May-22	8260B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:



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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

12-May-22 15:09

SB - 20 (2-3) H221765-39 (Soil)

Reporting Limit Result MDL Units Dilution Analyzed Method Notes Analyte Batch Analyst

Cardinal Laboratories

Inorganic Compounds 16.0 2050436 AC 04-May-22 4500-Cl-B Chloride 480 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 20 (3-4) H221765-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					

Inorganic Compounds 2050436 AC 04-May-22 4500-Cl-B Chloride 1680 16.0 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 20 (5-6)

H221765-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					

Inorganic Compounds 2050637 AC 06-May-22 4500-Cl-B Chloride 4880 16.0 mg/kg

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576

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11-May-22

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

2051123

GM

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

4500-Cl-B

SB - 20 (7-8) H221765-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories											
Inorganic Compounds											

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Reported: 12-May-22 15:09

Fax To:

SB - 20 (9-10) H221765-43 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
				Cardina	ıl Laborat	ories					
Inorganic Compounds											
	Chloride	112		16.0	mg/kg	4	2051123	GM	11-May-22	4500-Cl-B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 21 (0-1) H221765-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	2760		16.0	mg/kg	4	2042905	GM	02-May-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctane			109 %	66.9	-136	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			130 %	59.5	-142	2042908	CK	29-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane			97.6 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			102 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			95.5 %	85.1	-109	2050211	MS	02-May-22	8260B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

2050436

AC

04-May-22

Fax To:

Reported: 12-May-22 15:09

4500-Cl-B

SB - 21 (2-3) H221765-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			ories							
Inorganic Compounds										

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Reported: 12-May-22 15:09

Fax To:

SB - 21 (3-4) H221765-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					

Cardinal Laboratories

Inorganic Compounds 2050436 AC 04-May-22 4500-Cl-B Chloride 16.0 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 22 (0-1) H221765-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4640		16.0	mg/kg	4	2042905	GM	02-May-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctane			112 %	66.9	-136	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			133 %	59.5	-142	2042908	CK	29-Apr-22	8015B	
Volatile Organic Compounds h	oy EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane			95.1 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			95.2 %	85.1	-109	2050211	MS	02-May-22	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 22 (2-3)

H221765-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					

Inorganic Compounds 16.0 2050436 AC 04-May-22 4500-Cl-B Chloride 192 mg/kg

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272

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

2050436

AC

04-May-22

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

4500-Cl-B

SB - 22 (3-4)

H221765-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										

mg/kg

16.0

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 23 (0-1) H221765-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	9060		16.0	mg/kg	4	2050210	GM	02-May-22	4500-Cl-B	QM-07
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctane			111 %	66.9	-136	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			129 %	59.5	-142	2042908	CK	29-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	0.124		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	0.035		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	0.212		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane			97.4 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			103 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			97.2 %	85.1	-109	2050211	MS	02-May-22	8260B	

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 23 (2-3) H221765-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardi	nal Labora	tories					

Inorganic Compounds 16.0 2050436 AC 04-May-22 4500-Cl-B Chloride 5680 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Chloride

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 23 (3-4) H221765-67 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborato	ories					

Inorganic Compounds 16.0 2050436 AC 04-May-22 4500-Cl-B 1020 mg/kg

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Reported:

12-May-22 15:09



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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

SB - 23 (5-6)

H221765-68 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					

 Inorganic Compounds

 Chloride
 256
 16.0
 mg/kg
 4
 2050436
 AC
 04-May-22
 4500-Cl-B

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 25 (0-1) H221765-73 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	2050210	GM	02-May-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctane			114 %	66.9	-136	2042908	CK	29-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			130 %	59.5	-142	2042908	CK	29-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Toluene*	0.050		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2050211	MS	02-May-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2050211	MS	02-May-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2050211	MS	02-May-22	8260B	
Surrogate: Dibromofluoromethane	·	·	96.7 %	84-	115	2050211	MS	02-May-22	8260B	
Surrogate: Toluene-d8			99.8 %	95.3	-106	2050211	MS	02-May-22	8260B	
Surrogate: 4-Bromofluorobenzene			94.4 %	85.1	-109	2050211	MS	02-May-22	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES NORTH LOOP Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

SB - 25 (2-3) H221765-75 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					

Inorganic Compounds 2050436 AC 04-May-22 4500-Cl-B Chloride 80.0 16.0 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Project Number: NVONM 2202/001 Project Manager: BRYAN HANEY

Reported: 12-May-22 15:09

Fax To:

SB - 25 (5-6) H221765-77 (Soil)

Reporting Limit Result MDL Units Dilution Analyzed Method Notes Analyte Batch Analyst **Cardinal Laboratories**

Inorganic Compounds 16.0 2050637 AC 06-May-22 4500-Cl-B Chloride 224 mg/kg

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2042905 - 1:4 DI Water										
Blank (2042905-BLK1)				Prepared &	k Analyzed:	29-Apr-22				
Chloride	ND	16.0	mg/kg							
LCS (2042905-BS1)				Prepared &	k Analyzed:	29-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2042905-BSD1)				Prepared &	k Analyzed:	29-Apr-22				
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	
Batch 2050210 - 1:4 DI Water										
Blank (2050210-BLK1)				Prepared &	k Analyzed:	02-May-22				
Chloride	ND	16.0	mg/kg							
LCS (2050210-BS1)				Prepared &	k Analyzed:	02-May-22				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (2050210-BSD1)				Prepared &	k Analyzed:	02-May-22				
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
Batch 2050432 - 1:4 DI Water										
Blank (2050432-BLK1)				Prepared &	k Analyzed:	04-May-22				
Chloride	ND	16.0	mg/kg							
LCS (2050432-BS1)				Prepared &	k Analyzed:	04-May-22				
Chloride	416	16.0	mg/kg	400		104	80-120			

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2050432 - 1:4 DI Water										
LCS Dup (2050432-BSD1)				Prepared &	k Analyzed:	04-May-22	!			
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 2050436 - 1:4 DI Water										
Blank (2050436-BLK1)				Prepared &	analyzed:	04-May-22	2			
Chloride	ND	16.0	mg/kg							
LCS (2050436-BS1)				Prepared &	k Analyzed:	04-May-22	2			
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2050436-BSD1)				Prepared &	analyzed:	04-May-22	2			
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 2050637 - 1:4 DI Water										
Blank (2050637-BLK1)				Prepared &	k Analyzed:	06-May-22	2			
Chloride	ND	16.0	mg/kg							
LCS (2050637-BS1)				Prepared &	k Analyzed:	06-May-22	2			
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2050637-BSD1)				Prepared &	k Analyzed:	06-May-22	2			
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 2050641 - 1:4 DI Water										
Blank (2050641-BLK1)				Prepared &	k Analyzed:	06-May-22	2			
Chloride	ND	16.0	mg/kg							

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Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

Inorganic Compounds - Quality Control

Cardinal Laboratories

Limit	Notes
20	
20	

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%REC

59.5-142

136

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Spike

50.0

Source

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reporting

68.2

Reported: 12-May-22 15:09

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

		reporting		Spine	Source		, orthog		ru D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2042908 - General Prep - Organics										
Blank (2042908-BLK1)				Prepared &	k Analyzed:	29-Apr-22				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	52.9		mg/kg	50.0		106	66.9-136			
Surrogate: 1-Chlorooctadecane	60.1		mg/kg	50.0		120	59.5-142			
LCS (2042908-BS1)				Prepared &	દે Analyzed:	29-Apr-22				
GRO C6-C10	216	10.0	mg/kg	200		108	78.5-128			
DRO >C10-C28	223	10.0	mg/kg	200		111	75.8-135			
Total TPH C6-C28	439	10.0	mg/kg	400		110	81.5-127			
Surrogate: 1-Chlorooctane	65.4		mg/kg	50.0		131	66.9-136			
Surrogate: 1-Chlorooctadecane	66.2		mg/kg	50.0		132	59.5-142			
LCS Dup (2042908-BSD1)				Prepared &	દે Analyzed:	29-Apr-22	:			
GRO C6-C10	223	10.0	mg/kg	200		112	78.5-128	3.32	21.4	
DRO >C10-C28	225	10.0	mg/kg	200		113	75.8-135	1.19	17.9	
Total TPH C6-C28	449	10.0	mg/kg	400		112	81.5-127	2.24	17.6	
Surrogate: 1-Chlorooctane	66.9		mg/kg	50.0		134	66.9-136			

mg/kg

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Surrogate: 1-Chlorooctadecane



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP

Spike

Source

Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Reported: 12-May-22 15:09

RPD

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2050211 - Volatiles										
Blank (2050211-BLK1)				Prepared &	Analyzed:	02-May-2	2			
Benzene	ND	0.025	mg/kg							
Toluene	ND	0.025	mg/kg							
Ethylbenzene	ND	0.025	mg/kg							
Total Xylenes	ND	0.075	mg/kg							
Total BTEX	ND	0.150	mg/kg							
Surrogate: Dibromofluoromethane	1.24		mg/kg	1.25		99.3	84-115			
Surrogate: Toluene-d8	1.30		mg/kg	1.25		104	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.20		mg/kg	1.25		96.0	85.1-109			
LCS (2050211-BS1)				Prepared &	z Analyzed:	02-May-2	2			
Benzene	0.518	0.025	mg/kg	0.500		104	70.2-121			-
Toluene	0.506	0.025	mg/kg	0.500		101	76.9-126			
Ethylbenzene	0.520	0.025	mg/kg	0.500		104	79.1-124			
m+p - Xylene	1.04	0.050	mg/kg	1.00		104	80.8-134			
o-Xylene	0.469	0.025	mg/kg	0.500		93.7	79-130			
Total Xylenes	1.51	0.075	mg/kg	1.50		101	80.5-132			
Surrogate: Dibromofluoromethane	1.21		mg/kg	1.25		97.2	84-115			
Surrogate: Toluene-d8	1.28		mg/kg	1.25		102	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.25		mg/kg	1.25		100	85.1-109			
LCS Dup (2050211-BSD1)				Prepared &	z Analyzed:	02-May-2	2			
Benzene	0.512	0.025	mg/kg	0.500		102	70.2-121	1.20	9.42	
Toluene	0.510	0.025	mg/kg	0.500		102	76.9-126	0.644	10	
Ethylbenzene	0.509	0.025	mg/kg	0.500		102	79.1-124	2.08	10	
m+p - Xylene	1.04	0.050	mg/kg	1.00		104	80.8-134	0.0642	9.6	
Total Xylenes	1.51	0.075	mg/kg	1.50		101	80.5-132	0.371	9.26	
o-Xylene	0.464	0.025	mg/kg	0.500		92.7	79-130	1.06	8.93	
Surrogate: Dibromofluoromethane	1.23		mg/kg	1.25		98.2	84-115			
Surrogate: Toluene-d8	1.29		mg/kg	1.25		103	95.3-106			
Surrogate: 4-Bromofluorobenzene	1.24		mg/kg	1.25		99.4	85.1-109			

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Celey D. Keine

Reported:

12-May-22 15:09



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

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES NORTH LOOP
Project Number: NVONM 2202/001

Project Manager: BRYAN HANEY

Fax To:

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 41 of 51



Notes and Definitions

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

recovery.

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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Celley & Keene

Celey D. Keene, Lab Director/Quality Manager

Page 42 of 51

Sampler - UPS - Bus - Other:

Corrected Temp. °C

Cool Intact

Pres Pres

No No

(Initials)

Thermometer ID #113 Correction Factor -0.5°C

Cool Intact

Observed Temp. °C
Corrected Temp. °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name:		200 2110			
Company Manie.	Alturizo-as		BILL TO	ANALYSIS	REQUEST
Project Manager:	Brya		P.O. #:	10	
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City: Coppus	christ State:	8 664,:diz X	Attn:	2/00	2
Phone #: \$6/	-658 3/26 Fax#:		Address:	12-	/2
Project #: NUONIM 202	Km 102 2 by Project Owner:	Owner: By your / bussy	City:	12	
Project Name: /	Mode Audes Nor	1/2 100p	State: Zip:	3/6	5/
Project Location:	howing News	Mexico	Phone #:	151	
Sampler Name:	Mulle Comba	8	Fax #:	30	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	6	
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Lab I.D.	Sample I.D.	AAB OR (C)ONTAINERS DUNDWATE STEWATER -	ER: D/BASE: COOL ER:	I ad	Laa
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Cellyeled DV ICHE		Sample Condition		paround Time: Standard Dantoria (- Condition

Relinguished By:

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Observed Temp. °C

2

Sample Condition
Cool Intact
Yes I Yes
No No

CHECKED BY:

Turnaround Time:

Standard Rush

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

Observed Temp. °C Corrected Temp. °C

group and

REMARKS:

un 2187

Sample in lac

Time:

Received By

Corrected Temp. °C 6.7

Relinquished By: service. In no event shelf Cardin

Date: 922

profits incurred by client, its subsidiaries

All Results are emailed. Please provide Email address:

☐ Yes

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Add'l Phone #:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

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Project Manager: By you Huney			P.O. #:			20	
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Project Name: Mor la Hudos Nor 14	9	JOP /	State: 2	Zip:		m E	12
Project Location: Lawn Men Men	1	6	Phone #:			15,	<u>/3/</u>
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FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING	20	30	ed -
Lab I.D. Sample I.D.	RAB OR (C)OMP		HER: ID/BASE: :/COOL HER:			PH 80P hlorides (I add
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analyses. All claims including those for negligence and any other cause whatsoever shall be de	emed	d waived unless made in writing ar	nd received by Cardinal with	nin 30 days after completion of the	applicable		

Thermometer ID #113 Correction Factor -0.5°C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



emp. °C	Sample Condition Observed Temp. °C Corrected Temp. °C	Bacteria (only) Sample Condition Cool Intact Observed Temp. Yes Yes	<u> </u>	Standard Rush	13 5°C	nd Time ter ID # Factor	Turnaround Time: Thermometer ID #1 Correction Factor -0		CHECKED BY:	nple Condition of Intact Pres Pres	Sample Condition Cool Intact Cool Intact No No No	000	Observed Temp. °C Corrected Temp. °C	Bus - Other:	Delivered By: (Circle One) Sampler - UPS - Bus - Ot
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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Project Name: My & Hude	s North loop	State: Zip:	30	- Ju	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and canalyses. All claims including those for negligence and any othe service. In no event shall Cardinal be-jable for incidental or con-	PLEASE NOTE: 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 paid by the client for the analyses. 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 service. In no event shall Cardinal be-liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	r tort, shall be limited to the amount paid by the or received by Cardinal within 30 days after comple ss of use, or loss of profits incurred by client, its s	Sent for the Son to th		
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Delivered By: (Circle One)	Observed Temp. °C /, A Sample Condition	CHECKED BY:	Turnaround Time: Standard	ly) s	
Sampler - UPS - Bus - Other: Co	2	Therm		Yes Yes	-

Thermometer ID #113 Correction Factor -0.5°C

Corrected Temp. °C

Corrected Temp. °C

A Yes A Yes

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Sampler - UPS - Bus - Other: Corrected Temp. °C / Sample Condition CHECKED BY: Turnaround Time: Standard (Initials) The The Correction Factor -0.5°C The Cool Intact (Initials) The Condition CHECKED BY: Turnaround Time: Standard (Initials)	Time: Date: Received By: Time: Received By: Received B	elsemed wahved unless made in writing and received by Cardinal within 30 days after completion of the applicable without limitation, business interruptions, loss of use, or loss of profits incurred by cleant, its subsidiaries, ardinal, reparted as of whether such claim is based upon any of the above stated reasons, or otherwise. Received By:	PLEASE NOTE: Liability and Damagee. Cardinal'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	XXX 1480 40/2/1 4 1 5 (51-47) OT CC	6 1 x 4 4/2/1/2013 X X	5 4 4/2/1/20136 XX	X X X SCOUNTS X X 1 6 1 5 0 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(2.5) x x x (2.5)	40 X2-20 (34) CII X X X X X	SB-20 ((1,1)	X5-20 (6-1) 6-1	WAS SOIL OTHE TIME	TER: TEX TEX TOTAL SO TOTAL S	MATRIX PRESERV. SAMPLING	Fax #:	n: hours New Mexico Phone #:	Colo Rudos North Cop State: Zip:	ONIN 2022 by Project Owner: By you / Janey City:	Phone #: 56/-658 5/26 Fax #: Address:	State: TX Zip: 78918 Attn:	ess: 142225 fun ta Bonas CD+ Company Nob oil Kos	P.O.#	Altanza-us	Company Name and the fact of t
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L		client for the	lort, shall be limited to the amount paid by the client for the	aim arising whether based in contract or	Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or too.	lity and Damages. Cardinal's liabilit	PLEASE NOTE: Liability and Dam
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FOR LAB USE ONLY				MATRIX	PRESERV.	SAMPLING		30	cel		
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ampler - UPS - Bus - Other:		Corrected Temp. °C	0.7	5 %	40	Thermometer ID Correction Factor	#113 -0.5°C			o is	o c
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at sability and client's exclusive remedy for any claim airing whether based in contract or tort, shall be limited to the amount paid by the client for the cost and any other cause whatboever shall be deemed welved unless made in writing and received by Cardinal within 30 days after completion of the applicable notificated or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, business of whether such claim is based upon any of the above stand reasons or otherwise. Date:	71 58-23 ()	*	1 4/27/2	X		
at stability 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 core and any other cause whatovers shall be deemed waved unless made in writing and received by Cardinal within 30 days after completion of the applicable condition of the applicable resonance of services hereunder by clent, its subsidiaries, business interruptions, loss of use, or loss of profits incurred by clent, its subsidiaries, business after reasons or otherwise. Date:	11 75 - 75	-	9.	V 2/2/27	XXX		
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Correction Factor -0.5°C

□ No □ No Corrected Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Company Name: A / Company Name	-24/6	BILL TO		ANALYSIS REQUEST	
Address: 142225 fun to Branch	100	Company: 126 o	med ()		
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Phone #: 56/-658 5/26 Fax #: -	1	Address:		22	
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Project Name: My Mules North	Cop	State: Zip:	n	5/	
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Sampler Name: My Mallo Good bull		Fax #:	50		
FOR LAB USE ONLY	P. MATRIX	PRESERV. SAM		lea	5
Lab I.D. Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTZX 8 TPH 80K Chlorides (Cladd	
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April 08, 2022

BRYAN HANEY

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO HADES

Enclosed are the results of analyses for samples received by the laboratory on 04/07/22 14:30.

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 www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 (1.5')	H221416-01	Soil	07-Apr-22 10:16	07-Apr-22 14:30
S-2 (2.0')	H221416-02	Soil	07-Apr-22 10:22	07-Apr-22 14:30
S-3 (2.0')	H221416-03	Soil	07-Apr-22 10:27	07-Apr-22 14:30
S - 4 (1.5')	H221416-04	Soil	07-Apr-22 10:34	07-Apr-22 14:30
S-5 (1.5')	H221416-05	Soil	07-Apr-22 10:41	07-Apr-22 14:30
S-6 (3.5')	H221416-06	Soil	07-Apr-22 10:51	07-Apr-22 14:30
S-7 (1.0')	H221416-07	Soil	07-Apr-22 11:02	07-Apr-22 14:30
S-8 (1.5')	H221416-08	Soil	07-Apr-22 11:10	07-Apr-22 14:30

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES Project Number: NONE GIVEN Project Manager: BRYAN HANEY

Fax To:

Reported: 08-Apr-22 12:02

S-1 (1.5')H221416-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	2040813	AC	08-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	QM-07
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctane			132 %	66.9	-136	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			150 %	59.5	-142	2040726	MS	08-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Surrogate: Dibromofluoromethane			97.9 %	84-	115	2040733	MS	07-Apr-22	8260B	
Surrogate: Toluene-d8			104 %	95.3	-106	2040733	MS	07-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			94.5 %	85.1	-109	2040733	MS	07-Apr-22	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

S - 2 (2.0') H221416-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1960		16.0	mg/kg	4	2040813	AC	08-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctane			128 %	66.9	-136	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			136 %	59.5	-142	2040726	MS	08-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Surrogate: Dibromofluoromethane			97.2 %	84-	115	2040733	MS	07-Apr-22	8260B	
Surrogate: Toluene-d8			104 %	95.3	-106	2040733	MS	07-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			93.6 %	85.1	-109	2040733	MS	07-Apr-22	8260B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

S - 3 (2.0') H221416-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4880		16.0	mg/kg	4	2040813	AC	08-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctane			107 %	66.9	-136	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			112 %	59.5	-142	2040726	MS	08-Apr-22	8015B	
Volatile Organic Compounds b	oy EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Surrogate: Dibromofluoromethane		·	97.4 %	84-	115	2040733	MS	07-Apr-22	8260B	·
Surrogate: Toluene-d8			104 %	95.3	-106	2040733	MS	07-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			92.8 %	85.1	-109	2040733	MS	07-Apr-22	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

S - 4 (1.5') H221416-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	5280		16.0	mg/kg	4	2040813	AC	08-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctane			103 %	66.9	-136	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			109 %	59.5	-142	2040726	MS	08-Apr-22	8015B	
Volatile Organic Compounds b	y EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Surrogate: Dibromofluoromethane			95.2 %	84-	115	2040733	MS	07-Apr-22	8260B	
Surrogate: Toluene-d8			100 %	95.3	-106	2040733	MS	07-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			92.6 %	85.1	-109	2040733	MS	07-Apr-22	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

S - 5 (1.5') H221416-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	8000		16.0	mg/kg	4	2040813	AC	08-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctane			109 %	66.9	-136	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			117 %	59.5	-142	2040726	MS	08-Apr-22	8015B	
Volatile Organic Compounds b	oy EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Surrogate: Dibromofluoromethane			98.2 %	84-	115	2040733	MS	07-Apr-22	8260B	
Surrogate: Toluene-d8			104 %	95.3	-106	2040733	MS	07-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			92.8 %	85.1	-109	2040733	MS	07-Apr-22	8260B	

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Celey D. Keene



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

S - 6 (3.5') H221416-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	5200		16.0	mg/kg	4	2040814	AC	08-Apr-22	4500-Cl-B	QM-07
Petroleum Hydrocarbons by C	GC FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctane			138 %	66.9	-136	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			150 %	59.5	-142	2040726	MS	08-Apr-22	8015B	
Volatile Organic Compounds l	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Surrogate: Dibromofluoromethane			97.6 %	84-	115	2040733	MS	07-Apr-22	8260B	
Surrogate: Toluene-d8			104 %	95.3	-106	2040733	MS	07-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			92.0 %	85.1	-109	2040733	MS	07-Apr-22	8260B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

S - 7 (1.0') H221416-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4880		16.0	mg/kg	4	2040814	AC	08-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctane			110 %	66.9	-136	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			119 %	59.5	-142	2040726	MS	08-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Surrogate: Dibromofluoromethane			97.0 %	84-	115	2040733	MS	07-Apr-22	8260B	
Surrogate: Toluene-d8			104 %	95.3	-106	2040733	MS	07-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			93.9 %	85.1	-109	2040733	MS	07-Apr-22	8260B	

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

S - 8 (1.5') H221416-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	2040814	AC	08-Apr-22	4500-Cl-B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctane			90.6 %	66.9	-136	2040726	MS	08-Apr-22	8015B	
Surrogate: 1-Chlorooctadecane			95.7 %	59.5	-142	2040726	MS	08-Apr-22	8015B	
Volatile Organic Compounds	by EPA Method	8260B								
Benzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Toluene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Ethylbenzene*	< 0.025		0.025	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total Xylenes*	< 0.075		0.075	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Total BTEX	< 0.150		0.150	mg/kg	50	2040733	MS	07-Apr-22	8260B	
Surrogate: Dibromofluoromethane			98.4 %	84-	115	2040733	MS	07-Apr-22	8260B	
Surrogate: Toluene-d8			105 %	95.3	-106	2040733	MS	07-Apr-22	8260B	
Surrogate: 4-Bromofluorobenzene			92.1 %	85.1	-109	2040733	MS	07-Apr-22	8260B	

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2040813 - 1:4 DI Water										
Blank (2040813-BLK1)				Prepared &	Analyzed:	08-Apr-22				
Chloride	ND	16.0	mg/kg							
LCS (2040813-BS1)				Prepared &	Analyzed:	08-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2040813-BSD1)				Prepared &	Analyzed:	08-Apr-22				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 2040814 - 1:4 DI Water										
Blank (2040814-BLK1)				Prepared &	Analyzed:	08-Apr-22				
Chloride	ND	16.0	mg/kg							
LCS (2040814-BS1)				Prepared &	Analyzed:	08-Apr-22				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2040814-BSD1)				Prepared &	Analyzed:	08-Apr-22				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

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Celeg D. Keine



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

RPD

Fax To:

Reporting

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Spike

Source

		Reporting		Spike	Bource		/OICEC		KI D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2040726 - General Prep - Organics										
Blank (2040726-BLK1)				Prepared: (07-Apr-22 A	analyzed: 0	8-Apr-22			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.8		mg/kg	50.0		95.7	66.9-136			
Surrogate: 1-Chlorooctadecane	49.5		mg/kg	50.0		99.0	59.5-142			
LCS (2040726-BS1)				Prepared &	k Analyzed:	07-Apr-22				
GRO C6-C10	197	10.0	mg/kg	200		98.3	78.5-128			
DRO >C10-C28	185	10.0	mg/kg	200		92.5	75.8-135			
Total TPH C6-C28	382	10.0	mg/kg	400		95.4	81.5-127			
Surrogate: 1-Chlorooctane	56.7		mg/kg	50.0		113	66.9-136			
Surrogate: 1-Chlorooctadecane	57.9		mg/kg	50.0		116	59.5-142			
LCS Dup (2040726-BSD1)				Prepared: (07-Apr-22 A	analyzed: 0	8-Apr-22			
GRO C6-C10	198	10.0	mg/kg	200		99.0	78.5-128	0.664	21.4	
DRO >C10-C28	195	10.0	mg/kg	200		97.6	75.8-135	5.33	17.9	
Total TPH C6-C28	393	10.0	mg/kg	400		98.3	81.5-127	2.96	17.6	
Surrogate: 1-Chlorooctane	51.9		mg/kg	50.0		104	66.9-136			
Surrogate: 1-Chlorooctadecane	56.2		mg/kg	50.0		112	59.5-142			

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Celey D. Keine



%REC

Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418

Project: NOVO HADES Project Number: NONE GIVEN Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

RPD

Fax To:

Reporting

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Cardinal Laboratories

Spike

Source

Result R	I .		reporting		Spine	Source		, sittle		IG D	
Prepared & Analyzed: 07-Apr-22 Section S	Analyte	Result		Units		Result	%REC	Limits	RPD	Limit	Notes
Benizene ND	Batch 2040733 - Volatiles										
Total Mylenes ND 0.025 mg/kg Total BTEX ND 0.075 mg/kg Total BTEX ND 0.025 mg/kg Total BTEX ND 0	Blank (2040733-BLK1)				Prepared &	& Analyzed:	07-Apr-22	2			
Ethylbenzene ND 0.025 mg/kg	Benzene	ND	0.025	mg/kg							
Total BTEX ND 0.150 mg/kg 1.25 95.6 84-115 Surrogate: Dibromofluoromethane 1.19 mg/kg 1.25 95.6 84-115 Surrogate: Tolluene-d8 1.40 mg/kg 1.25 91.2 95.3 +106 Surrogate: A-Bromofluorobenzene 1.16 mg/kg 1.25 91.2 95.3 +106 Surrogate: A-Bromofluorobenzene 1.10 mg/kg 1.25 91.2 95.3 +106 Surrogate: A-Bromofluorobenzene 1.10 mg/kg 1.25 91.2 91.2 Surrogate: Surrogate: Surrogate: A-Bromofluorobenzene 1.10 0.025 mg/kg 2.00 99.8 76.9 +126 Surrogate: Surrogate: A-Bromofluoromethane 1.21 mg/kg 1.25 97.6 84-115 Surrogate: A-Bromofluorobenzene 1.22 mg/kg 1.25 97.6 84-115 Surrogate: A-Bromofluorobenzene 1.22 mg/kg 1.25 97.6 84-115 Surrogate: A-Bromofluoromethane 1.22 mg/kg 1.25 97.7 85.1-109 Surrogate: A-Bromofluorobenzene 1.21 mg/kg 1.25 mg/kg 2.00 110 76.9-126 10.0 10 10 Surrogate: A-Bromofluorobenzene 1.21 mg/kg 1.25 mg/kg 2.00 110 76.9-126 10.0 10 10 Surrogate: A-Bromofluorobenzene 1.21 mg/kg 1.25 97.1 84-115 Surrogate: A-Bromofluoromethane 1.21 mg/kg 1.25 97.1 84-115 Surrogate: Dibromofluoromethane 1.21 mg/kg 1.25 97.1	Toluene	ND	0.025	mg/kg							
Total BTEX ND 0.150 mg/kg 1.25 9.5.6 84-115	Ethylbenzene	ND	0.025	mg/kg							
Surrogate: Dibromofluoromethane	Total Xylenes	ND	0.075	mg/kg							
Surrogate: Toluene-d8	Total BTEX	ND	0.150	mg/kg							
Surrogate: 4-Bromofluorobenzene 1.16 mg/kg 1.25 93.0 85.1-109	Surrogate: Dibromofluoromethane	1.19		mg/kg	1.25		95.6	84-115			
Prepared & Analyzed: 07-Apr-22 Prepared & Analyzed: 07-Apr-22	Surrogate: Toluene-d8	1.40		mg/kg	1.25		112	95.3-106			
Benzene 1.90	Surrogate: 4-Bromofluorobenzene	1.16		mg/kg	1.25		93.0	85.1-109			
Toluene 2.00 0.025 mg/kg 2.00 99.8 76.9-126 Ethylbenzene 2.10 0.025 mg/kg 2.00 105 79.1-124 mr-p - Xylene 4.17 0.050 mg/kg 4.00 104 80.8-134 o-Xylene 2.21 0.025 mg/kg 2.00 111 79-130 Total Xylenes 6.38 0.075 mg/kg 6.00 106 80.5-132 Surrogate: Dibromofluoromethane 1.22 mg/kg 1.25 97.6 84-115 Surrogate: A-Bromofluorobenzene 1.22 mg/kg 1.25 97.7 85.1-109 LCS Dup (2040733-BSD1) Prepared & Analyzed: 07-Apr-22 Enzene 2.12 0.025 mg/kg 2.00 110 76.9-126 10.0 10 Toluene 2.21 0.025 mg/kg 2.00 110 76.9-126 10.0 10 Ethylbenzene 2.31 0.025 mg/kg 2.00 110 76.9-126 10.0 10 mr-p - Xylene 4.68 0.050 mg/kg 4.00 117 80.8-134 11.6 9.6 QR-0 Total Xylenes 7.14 0.075 mg/kg 6.00 119 80.5-132 11.3 9.26 QR-0 o-Xylene 2.46 0.025 mg/kg 2.00 123 79-130 10.7 8.93 QR-0 Surrogate: Dibromofluoromethane 1.21 mg/kg 1.25 97.1 84-115 Surrogate: Toluene-d8 1.29 mg/kg 1.25 103 95.3-106	LCS (2040733-BS1)				Prepared &	& Analyzed:	07-Apr-22	2			
Ethylbenzene 2.10 0.025 mg/kg 2.00 105 79.1-124	Benzene	1.90	0.025	mg/kg	2.00		95.2	70.2-121			
Mith	Toluene	2.00	0.025	mg/kg	2.00		99.8	76.9-126			
Control of the cont	Ethylbenzene	2.10	0.025	mg/kg	2.00		105	79.1-124			
Total Xylenes 6.38 0.075 mg/kg 6.00 106 80.5-132	m+p - Xylene	4.17	0.050	mg/kg	4.00		104	80.8-134			
Surrogate: Dibromofluoromethane 1.22 mg/kg 1.25 97.6 84-115	o-Xylene	2.21	0.025	mg/kg	2.00		111	79-130			
Surrogate: Toluene-d8	Total Xylenes	6.38	0.075	mg/kg	6.00		106	80.5-132			
Surrogate: 4-Bromofluorobenzene 1.22 mg/kg 1.25 97.7 85.1-109	Surrogate: Dibromofluoromethane	1.22		mg/kg	1.25		97.6	84-115			
Prepared & Analyzed: 07-Apr-22 Senzene 2.12 0.025 mg/kg 2.00 106 70.2-121 10.8 9.42 QR-0	Surrogate: Toluene-d8	1.28		mg/kg	1.25		102	95.3-106			
Benzene 2.12 0.025 mg/kg 2.00 106 70.2-121 10.8 9.42 QR-0 Toluene 2.21 0.025 mg/kg 2.00 110 76.9-126 10.0 10 Ethylbenzene 2.31 0.025 mg/kg 2.00 115 79.1-124 9.61 10 m+p - Xylene 4.68 0.050 mg/kg 4.00 117 80.8-134 11.6 9.6 QR-0 Total Xylenes 7.14 0.075 mg/kg 6.00 119 80.5-132 11.3 9.26 QR-0 o-Xylene 2.46 0.025 mg/kg 2.00 123 79-130 10.7 8.93 QR-0 Surrogate: Dibromofluoromethane 1.21 mg/kg 1.25 97.1 84-115 Surrogate: Toluene-d8 1.29 mg/kg 1.25 103 95.3-106	Surrogate: 4-Bromofluorobenzene	1.22		mg/kg	1.25		97.7	85.1-109			
Toluene 2.21 0.025 mg/kg 2.00 110 76.9-126 10.0 10 Ethylbenzene 2.31 0.025 mg/kg 2.00 115 79.1-124 9.61 10 m+p - Xylene 4.68 0.050 mg/kg 4.00 117 80.8-134 11.6 9.6 QR-0 Total Xylenes 7.14 0.075 mg/kg 6.00 119 80.5-132 11.3 9.26 QR-0 o-Xylene 2.46 0.025 mg/kg 2.00 123 79-130 10.7 8.93 QR-0 Surrogate: Dibromofluoromethane 1.21 mg/kg 1.25 97.1 84-115 Surrogate: Toluene-d8 1.29 mg/kg 1.25 103 95.3-106	LCS Dup (2040733-BSD1)				Prepared &	& Analyzed:	07-Apr-22	2			
Ethylbenzene 2.31 0.025 mg/kg 2.00 115 79.1-124 9.61 10 m+p - Xylene 4.68 0.050 mg/kg 4.00 117 80.8-134 11.6 9.6 QR-0 Total Xylenes 7.14 0.075 mg/kg 6.00 119 80.5-132 11.3 9.26 QR-0 o-Xylene 2.46 0.025 mg/kg 2.00 123 79-130 10.7 8.93 QR-0 Surrogate: Dibromofluoromethane 1.21 mg/kg 1.25 97.1 84-115 Surrogate: Toluene-d8 1.29 mg/kg 1.25 103 95.3-106	Benzene	2.12	0.025	mg/kg	2.00		106	70.2-121	10.8	9.42	QR-0
m+p - Xylene 4.68 0.050 mg/kg 4.00 117 80.8-134 11.6 9.6 QR-0 QR-0 Total Xylenes 7.14 0.075 mg/kg 6.00 119 80.5-132 11.3 9.26 QR-0 QR-0 o-Xylene 2.46 0.025 mg/kg 2.00 123 79-130 10.7 8.93 QR-0 Surrogate: Dibromofluoromethane 1.21 mg/kg 1.25 97.1 84-115 Surrogate: Toluene-d8 1.29 mg/kg 1.25 103 95.3-106	Toluene	2.21	0.025	mg/kg	2.00		110	76.9-126	10.0	10	
Total Xylenes 7.14 0.075 mg/kg 6.00 119 80.5-132 11.3 9.26 QR-0 QR-0 o-Xylene QR-0 o-Xylene 2.46 0.025 mg/kg 2.00 123 79-130 10.7 8.93 QR-0 QR-0 QR-0 QR-0 QR-0 QR-0 QR-0 QR-0	Ethylbenzene	2.31	0.025	mg/kg	2.00		115	79.1-124	9.61	10	
o-Xylene 2.46 0.025 mg/kg 2.00 123 79-130 10.7 8.93 QR-0 Surrogate: Dibromofluoromethane 1.21 mg/kg 1.25 97.1 84-115 Surrogate: Toluene-d8 1.29 mg/kg 1.25 103 95.3-106	m+p - Xylene	4.68	0.050	mg/kg	4.00		117	80.8-134	11.6	9.6	QR-0
Surrogate: Dibromofluoromethane 1.21 mg/kg 1.25 97.1 84-115 Surrogate: Toluene-d8 1.29 mg/kg 1.25 103 95.3-106	Total Xylenes	7.14	0.075	mg/kg	6.00		119	80.5-132	11.3	9.26	QR-0
Surrogate: Toluene-d8 1.29 mg/kg 1.25 103 95.3-106	o-Xylene	2.46	0.025	mg/kg	2.00		123	79-130	10.7	8.93	QR-0
	Surrogate: Dibromofluoromethane	1.21		mg/kg	1.25		97.1	84-115			
Surrogate: 4-Bromofluorobenzene 1.19 mg/kg 1.25 95.5 85.1-109	Surrogate: Toluene-d8	1.29		mg/kg	1.25		103	95.3-106			
	Surrogate: 4-Bromofluorobenzene	1.19		mg/kg	1.25		95.5	85.1-109			

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Celey D. Keine



Analytical Results For:

ALTAMIRA - US 14229 PUNTA BONAIRE DR. CORPUS CHRISTI TX, 78418 Project: NOVO HADES
Project Number: NONE GIVEN
Project Manager: BRYAN HANEY

Reported: 08-Apr-22 12:02

Fax To:

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

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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.

QR-04 The RPD for the BS/BSD was outside of historical limits.

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

recovery.

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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ervice. In no event shall Cardinal be table for incidental or con

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EASE NOTE: Liability and alyses. All claims

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Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP

SOIL OIL SLUDGE OTHER

ACID/BASE:

ICE / COOL

OTHER

DATE

1016 TIME

CONTAINERS GROUNDWATER WASTEWATER

Sampler Name: Project Location: Project Name:

FOR LAB USE ONLY

MATRIX

PRESERV

SAMPLING

Fax #: Phone #:3

> 6583126 210: 784/8

State:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	Dreeds, 11 Now	
ompany Name: Afternists - ()	BILL TO	ANALYSIS DECLIECT
roject Manager # 1 cont ()	Dire :0	ANALISIS REQUEST
roject manager: Simm Hancy	P.O. #:	
ddress: 14228 Punk Bencita	Company:	20
ity: Con 1/4 Christ State: > 7in: > XO18	Attn: 12 ///	
hone #: 36/658 3/26 Fax #:	Address: 100 3911	Va Dekil
roject #:	and the same	, 6

Relinquished By:	Date Received By: Verbal Res	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	time H20 ROOK COM 1010	≥.
Relinquished By:	Date: Received By:	REMARKS:
	Time:	CT / 171/
Delivered By: (Circle One)	Observed Temp. °Cn Q Sample Condition CHECKED BY:	Turnaround Time: Standard Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Thermometer ID #110 Cool Intact Observed Temp. °C
FORM-000 K 3.2 10/07/21	O. LC LI NO LI NO	Correction Factor -0.5°C No Corrected Temp. °C

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

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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 128664

CONDITIONS

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
1001 West Wilshire Blvd	Action Number:
Oklahoma City, OK 73116	128664
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Thank you for the Site Assessment. The variance request to exclude TPH and BTEX constituents from further analysis has been approved. Please make sure this variance approval is included in the remediation and/or closure report. 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. 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. A remediation plan should be submitted within 90 days of the date of discovery.	12/7/2022