Page 1 of 136

Incident ID nAPP2235736440
District RP
Facility ID
Application ID

## Closure

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

| Closure Report Attachment Checklist: Each of the following items in  | nust be included in the closure report.  |  |
|--|--|--|
|  |  |  |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)  |  |  |
| □ Laboratory analyses of final sampling (Note: appropriate ODC Distraction)  | ict office must be notified 2 days prior to final sampling)  |  |
| Description of remediation activities  |  |  |
|  |  |  |
| I hereby certify that the information given above is true and complete to the and regulations all operators are required to report and/or file certain release may endanger public health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate and remediate numan health or the environment. In addition, OCD acceptance of a C-14 compliance with any other federal, state, or local laws and/or regulations. restore, reclaim, and re-vegetate the impacted surface area to the condition accordance with 19.15.29.13 NMAC including notification to the OCD with Printed Name:  Kurt A. Shipley  Signature:  Signatu | se notifications and perform corrective actions for releases which 41 report by the OCD does not relieve the operator of liability e contamination that pose a threat to groundwater, surface water, 1 report does not relieve the operator of responsibility for The responsible party acknowledges they must substantially as that existed prior to the release or their final land use in |  |
|  |  |  |
| OCD Only   |  |  |
| Received by:Jocelyn Harimon  | Date:04/14/2023  |  |
| Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.  |  |  |
| Closure Approved by: Robert Hamlet   | Date:09/01/2023  |  |
| Printed Name: Robert Hamlet  | Title: Environmental Specialist - Advanced   |  |

<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 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    | nAPP2235736440 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID | 169735         |

| Release Notification   |  |                             |   |                         |                             |   |
|--|--|-----------------------------|---|-------------------------|-----------------------------|---|
|  |  |                             | Resp                                    | ponsib                  | le Party                    | Ÿ   |
| Responsible  | Party: Novo                                    | o Oil & Gas Nort            | hern Delaware,                          | LLC                     | OGRID: 3                    | 72920   |
| Contact Nam  | ne: Kurt A. S                                  | Shipley                     |   |                         | Contact Te                  | elephone: 405-286-3916  |
| Contact emai   | il: kshipley                                   | @novoog.com                 |   |                         | Incident #                  | (assigned by OCD): nAPP2235736440   |
| Contact mail<br>Oklahoma (   | _  | 1001 West Wils<br>116       | shire Blvd., Suite                      | e 206                   |                             |   |
|  |  |                             | Location                                | of Re                   | lease So                    | ource   |
| Latitude 32.3  | 339589   |                             | Longitude<br>(NAD 83 in de              |                         | 104.03367<br>ees to 5 decim |   |
| Site Name: F   | Rana Salada                                    | a Pad A CTB                 |   | 5                       | Site Type:                  | Central Tank Battery  |
| Date Release   | Discovered:                                    | 12/21/2022                  |   | 1                       | API# (if app                | licable)  |
| Unit Letter  | Section  | Section Township Range Cour |   | Coun                    | ty                          |   |
| В  | 1  | T23S                        | R28E                                    | Eddy                    |                             |   |
|  | Material                                       | Federal Ti                  | Nature and                              | d Volu                  | ıme of I                    | Release justification for the volumes provided below)   |
| Crude Oil  |  |                             | ed (bbls): Estima                       |                         | •                           | Volume Recovered (bbls): Estimated 4  |
| Produced   | Water  | Volume Releas               | ed (bbls): Estimat                      | ited 16                 |                             | Volume Recovered (bbls): Estimated 16   |
| Is the concentration of dissolved chlorid produced water >10,000 mg/l? |  | chloride                    | in the                                  | ⊠ Yes □ No              |                             |   |
| Condensate Volume Released (bbls)                                      |  |                             |   | Volume Recovered (bbls) |                             |   |
| Natural Gas Volume Released (Mcf)                                      |  |                             |   | Volume Recovered (Mcf)  |                             |   |
| Other Volume/Weight Released (provide units)                           |  |                             | Volume/Weight Recovered (provide units) |                         |                             |   |
| entire volum<br>was the resu   | on 12/21/20<br>ne of the rel<br>ult of a faile | ease was contai             | ned within the a fire-tube gasket.      | active pad<br>t. Novo v | d area. F<br>was able t     | curred on the Novo Rana Salada Pad A CTB. The field operation indicate the cause of the release of quickly identify the failure and shut in flow. |

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| Incident ID    | nAPP2235736440 |
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| District RP    |                |
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| Application ID | 169735         |

| 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?                    | Released volume does not exceed 25 bbl   |
| ☐ Yes ⊠ No                             |  |
|  |  |
| If YES, was immediate no               | tice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?   |
|  | ney conducted NMOCD online notification to obtain incident ID ney provided email notification to NMOCD - Mike Bratcher and Robert Hamlet   |
|  | ney provided email notification to BLM - Jim Amos  |
|  |  |
|  | Initial Response   |
| The responsible po                     | arty must undertake the following actions immediately unless they could create a safety hazard that would result in injury   |
| ☐ The source of the relea              | ase has been stopped.  |
|  | been secured to protect human health and the environment.  |
| Released materials have                | we been contained via the use of berms or dikes, absorbent pads, or other containment devices.   |
| All free liquids and red               | coverable materials have been removed and managed appropriately.   |
| If all the actions described           | above have <u>not</u> been undertaken, explain why:  |
| All initial response action            | ns above have been completed.  |
| Remediation efforts (exc               | cavated affected soil) will be confirmed with sampling.  |
| Tromodianon enerie (exe                | arates anostes con, number commission man camping.   |
|  |  |
| Per 19.15.29.8 B. (4) NMA              | AC the responsible party may commence remediation immediately after discovery of a release. If remediation   |
| C 1                                    | narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred tarea (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.                                    |
|  | mation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and  |
| public health or the environm          | equired to report and/or file certain release notifications and perform corrective actions for releases which may endanger tent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have |
|  | te and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In 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: <u>December 23, 2022</u>   |
| email: <u>kshipley@novoo</u>           | g.com Telephone: 405-286-3916  |
|  | • — —  |
| OCD Only                               | 40/07/0000   |
| Jocelyn                                | 12/27/2022   |
| Received by:                           | Date:  |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 169826

#### **CONDITIONS**

| Operator:                             | OGRID:                                    |
|---------------------------------------|---|
| NOVO OIL & GAS NORTHERN DELAWARE, LLC | 372920                                    |
| 1001 West Wilshire Blvd               | Action Number:                            |
| Oklahoma City, OK 73116               | 169826                                    |
|                                       | Action Type:                              |
|                                       | [C-141] Release Corrective Action (C-141) |

#### CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| jharimon   | None      | 12/27/2022     |

|                | Page 5 of 1.   | 36 |
|----------------|----------------|----|
| Incident ID    | nAPP2235736440 |    |
| District RP    |                |    |
| Facility ID    |                |    |
| Application ID |                |    |

## Site Assessment/Characterization

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

| 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   |  |              |  |  |
|--|--|--------------|--|--|
| 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?  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 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?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  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  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 | What is the shallowest depth to groundwater beneath the area affected by the release?  | >51 (ft bgs) |  |  |
| Are the lateral extents of the release within 300 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?  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 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?  Are the lateral extents of the release overlying an unstable area such as karst geology?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  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  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  Topographyic/Aerial maps  | Did this release impact groundwater or surface water?  | ☐ Yes ⊠ No   |  |  |
| 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?  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?  Are the lateral extents of the release overlying an unstable area such as karst geology?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographic/Aerial maps  | , , , , , , , , , , , , , , , , , , ,  | ☐ Yes ⊠ No   |  |  |
| 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?  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 a subsurface mine?  Are the lateral extents of the release overlying an unstable area such as karst geology?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.  Field data  Depth to water determination  Determination of waters ources 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  |  | ☐ Yes ⊠ No   |  |  |
| by less than five households for domestic or stock watering purposes?  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?  Are the lateral extents of the release overlying an unstable area such as karst geology?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps   |  | ☐ Yes ⊠ No   |  |  |
| Are the lateral extents of the release within 300 feet of a wetland?  Are the lateral extents of the release within 300 feet of a wetland?  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?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  Yes No  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps   |  | ☐ Yes ⊠ No   |  |  |
| 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?  Are the lateral extents of the release within a 100-year floodplain?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data  Data table of soil contaminant concentration data Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information  Topographic/Aerial maps  | 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 overlying a subsurface mine?  Are the lateral extents of the release overlying an unstable area such as karst geology?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps   |  | ☐ Yes ⊠ No   |  |  |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas not on an exploration, development, production, or storage site?  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.  Field data  Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps  | Are the lateral extents of the release within 300 feet of a wetland?   | ☐ Yes ⊠ No   |  |  |
| Are the lateral extents of the release within a 100-year floodplain?  Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.  Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps  | Are the lateral extents of the release overlying a subsurface mine?  | ☐ Yes ⊠ No   |  |  |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps   | Are the lateral extents of the release overlying an unstable area such as karst geology?   | ☐ Yes ⊠ No   |  |  |
| Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: Each of the following items must be included in the report.  Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.  Field data  Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps   | Are the lateral extents of the release within a 100-year floodplain?   | ☐ Yes ⊠ No   |  |  |
| 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   | Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?   | ☐ Yes ⊠ No   |  |  |
| <ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> </ul>  | Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics. |              |  |  |
| <ul> <li>☐ Field data</li> <li>☐ Data table of soil contaminant concentration data</li> <li>☐ Depth to water determination</li> <li>☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>☐ Boring or excavation logs</li> <li>☐ Photographs including date and GIS information</li> <li>☐ Topographic/Aerial maps</li> </ul>   | Characterization Report Checklist: Each of the following items must be included in the report.   |              |  |  |
| <ul> <li>□ Data table of soil contaminant concentration data</li> <li>□ Depth to water determination</li> <li>□ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>□ Boring or excavation logs</li> <li>□ Photographs including date and GIS information</li> <li>□ Topographic/Aerial maps</li> </ul>   |  | ls.          |  |  |
| <ul> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> </ul>  | Data table of soil contaminant concentration data  |              |  |  |
| <ul> <li>☑ Boring or excavation logs</li> <li>☑ Photographs including date and GIS information</li> <li>☑ Topographic/Aerial maps</li> </ul>   | Depth to water determination   |              |  |  |
| ☐ Topographic/Aerial maps  | Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  |              |  |  |
| ☐ Topographic/Aerial maps  | Boring or excavation logs  |              |  |  |
|  | ∠ Photographs including date and GIS information     √ Topographic/Agricl maps   |              |  |  |
| / \ Laboratory data mendum e charif di custody   | ☐ Topographic/Aeriai maps ☐ Laboratory data including chain of custody   |              |  |  |

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

Received by OCD: 4/14/2023 12:35:58 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

| 73    | _        |    | 0 - 2 - |
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|       |          |    |         |

| Incident ID    | nAPP2235736440 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                |  |
|--|--------------------------------|--|
| Printed Name: Kurt A. Shipley  | Title: Chief Operating Officer |  |
| Signature:   | Date: 4.14.2023                |  |
| email: kshipley@novoog.com   | Telephone: 405-286-3916        |  |
|  |                                |  |
| OCD Only   |                                |  |
| Received by: <u>Jocelyn Harimon</u>  | Date: 04/14/2023               |  |

|                | Page 7 of 13   | 36 |
|----------------|----------------|----|
| Incident ID    | nAPP2235736440 |    |
| District RP    |                |    |
| Facility ID    |                |    |
| Application ID |                |    |

## **NOT APPLICABLE - Remediation Plan**

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

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| Incident ID    | nAPP2235736440 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Closure

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

| Closure Report Attachment Checklist: Each of the following items m  | ust be included in the closure report.  |  |  |  |
|---|---|--|--|--|
| □ A scaled site and sampling diagram as described in 19.15.29.11 NMAC   |   |  |  |  |
| □ Photographs of the remediated site prior to backfill or photos of the must be notified 2 days prior to liner inspection)  | liner integrity if applicable (Note: appropriate OCD District office  |  |  |  |
| ☐ Laboratory analyses of final sampling (Note: appropriate ODC Distri   | act office must be notified 2 days prior to final sampling)   |  |  |  |
| Description of remediation activities   |   |  |  |  |
|   |   |  |  |  |
| Thereby certify that the information given above is true and complete to the and regulations all operators are required to report and/or file certain release may endanger public health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate and remediate numan health or the environment. In addition, OCD acceptance of a C-14 compliance with any other federal, state, or local laws and/or regulations. restore, reclaim, and re-vegetate the impacted surface area to the condition accordance with 19.15.29.13 NMAC including notification to the OCD where the impact of the impact of the impact of the oct of the | se notifications and perform corrective actions for releases which el report by the OCD does not relieve the operator of liability contamination that pose a threat to groundwater, surface water, 1 report does not relieve the operator of responsibility for The responsible party acknowledges they must substantially s that existed prior to the release or their final land use in |  |  |  |
| OCD Only  |   |  |  |  |
| Received by:  | Date:04/14/2023   |  |  |  |
| Closure approval by the OCD does not relieve the responsible party of liable remediate contamination that poses a threat to groundwater, surface water, bearty of compliance with any other federal, state, or local laws and/or regu   | numan health, or the environment nor does not relieve the responsible   |  |  |  |
| Closure Approved by:  | Date:   |  |  |  |
| Printed Name:   | Title:  |  |  |  |

Release Response Action Completion & Closure Report Incident ID No. nAPP2235736440 Novo Oil & Gas Rana Salada Pad-A Central Tank Battery - Heater Treater Release Discovery Date: December 21, 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

**April 11, 2023** 



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**ACRONYMS AND ABBREVIATIONS** 

Altamira Altamira-US, LLC

Novo Oil & Gas Northern Delaware, LLC

bgs below ground surface

mg/Kg milligram per kilogram

NMOCD New Mexico Oil Conservation District

TPH Total Petroleum Hydrocarbons

BTEX Benzene, Toluene, Ethylbenzene, Xylenes

#### 1.0 INTRODUCTION

Novo Oil & Gas Northern Delaware, LLC (Novo Oil & Gas) (OGRID No. 372920) operate a facility known as the "Rana Salada Pad-A Central Tank Battery" (Rana Salada Pad-A CTB) located in Unit B, Section 1, T23S, R28E, in Eddy County, New Mexico. On December 21, 2022, field personnel for Novo Oil & Gas discovered a release of crude oil liquids associated with a failed heater treater fire-tube gasket at latitude 32.339589°, longitude -104.033673° (Figure 1 and Figure 2). This Release Response Action & Closure Report has been prepared to document initial response actions, remediation, and site closure efforts.

#### 1.1 Release Details and Initial Response

On December 21, 2022, at approximately 2:35 pm, Novo personnel identified a release from a heater treater fire-tube gasket situated within the active central tank battery pad area. Approximately 20 barrels of produced water and crude oil liquids released onto the adjacent pad area. The release was contained to the immediate area near the heater treaters and other permanent equipment. Upon discovery of the release, Novo was able to shut in flow to the unit. The release affected the surface pad area on the Rana Salada Pad-A of approximately 40' x 100' (Figure 3) and was irregular shaped due to the various pieces of operational equipment.

Novo Oil & Gas estimated approximately 4 barrels of crude oil and 16 barrels of produced water liquids were released; and approximately 20 barrels of crude oil/produced water liquids were recovered using vacuum trucks and removal of affected soil. The release volume was estimated based on the approximate dimensions of the surface release area.

#### 1.2 Notification

Based on the quantity of fluids released being less than 25 barrels, the release was determined to be a minor release per 19.15.29.1.B NMAC. The initial release notification was submitted online to the New Mexico Oil Conservation District (NMOCD) on December 23, 2022. The OCD issued incident ID# nAPP2235736440. Novo provided email notification of the minor release to both the NMOCD and BLM on December 23, 2022.

The C-141 Release Notification Form was submitted to the online portal on December 23, 2022 (Attachment A). The BLM MUE was submitted to Crisha Morgan at the BLM on December 31, 2022 (Attachment A).

#### 1.3 Project Objectives

The project objectives were to: 1) conduct initial release cleanup efforts, 2) physically remove affected soil containing constituent concentrations that exceed the NMOCD cleanup levels, and 3) restore and reclaim the remediated areas.

#### 1.4 Regulatory Framework

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

provide all documentation and this Release Response Action Completion and Site Closure Report to the BLM.

#### 2.0 STANDARD OF CARE, LIMITATIONS, & RELIANCE

#### 2.1 Standard of Care

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

#### 2.2 Additional Limitations

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

#### 3.0 RECEPTOR AND WATER SOURCES SURVEY

#### 3.1 Wellhead Protection Discussion

During assessment field activities, Altamira field personnel conducted a 500-foot walking 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 500-feet of the release area.

During review of the Site area, no water wells, springs, of other surface water bodies 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 Engineers GIS database, a single monitoring well (MW-1) was identified approximately 2,600 feet west of the release area. The monitoring well was installed on March 31, 2020 by WPX Energy (POD# C 04417 POD1) to a depth of 55 feet below ground surface, screened from 45-55 feet and noted as "dry". No other wells or water wells were identified.

Based on review of the FEMA Flood Map for the site area, the release area is located in an 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 1.6 miles southwest of the release area. Salt Lake is located approximately 2.0 miles southeast of the release area. No other watercourses were identified within a 0.5-mile radius of the release area.

#### 3.3 Determination of Depth to Groundwater

Soil boring SB-1 was installed at a nearby release site (approximately 1,700 feet west-northwest of the Site) and was advanced to a depth of 55-feet below ground surface. The purpose of advancing soil boring SB-1 to 55-feet was to determine if groundwater was present below 51-feet. During boring advancement, variations of dry unconsolidated soil and sandstone were observed. After reaching total depth (dry at 55-feet), the hole was allowed to stay open for a period of time and then air was used to blow the hole out to provide a second verification that moisture was not present.

Additionally, a monitoring well located approximately 2,600 feet west of the site area was installed by WPX Energy on March 31, 2020. The monitoring well was set at 55-feet below ground surface and screened from 45-55 feet. The provided well information indicated the hole/well was dry.

Based on the lines of evidence provided above, groundwater appears to be deeper than 55-feet below ground surface in the area of the release.

#### 4.0 REMEDIATION

Based on the volume of the release (minor – estimated 20-barrels), Novo determined the best course of action was to move directly to remediation of the affected soil located on Pad-A CTB. Affected soil remediation was conducted on the on-site property between December 22, 2022, through February 17, 2023. Affected soil was excavated or hydro-excavated and loaded into trucks for transport and disposal at the R360 Halfway Facility (NM1-006) located at 6601 Hobbs Highway US 62/180 mile marker 66. Confirmation soil sampling was conducted to determine the effectiveness of soil remediation efforts. Details regarding the affected soil remediation and post excavation confirmation soil sampling are provided below. Site photographs are provided in **Appendix B**. Field documentation is provided in **Appendix C**.

#### 4.1 Confirmation Soil Sampling and Analysis Plan

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

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

#### 4.2 Soil Remediation Activities

Altamira and Novo provided notification to the OCD and BLM via email (Appendix A) on December 23, 2022, regarding the intent to conduct soil remediation and confirmation soil sampling at the Novo Rana Salada Pad-A CTB release area.

During December 22, 2022, through February 17, 2023, Novo conducted soil remediation activities on the Rana Salada Pad-A facility at and adjacent to the heater treater fire-tube gasket release point. The release footprint was irregular shaped and butted against the concrete footings of the various pieces of active equipment. Following the release and removal of standing liquids, the visual extent of the known affected soil area was marked. A grid system was established to identify the excavation areas and 200-square foot (or less) confirmation soil sample grid areas. The sample grids were measured and marked with wooden stakes. The sample grids were numbered PA-1 through PA-22 (Figure 3). The overall dimensions of the gridded and remediated area were approximately 113 feet by 42 feet. The overall remediation area was larger than the original irregular shaped estimated release area due to the various pieces of equipment and to ensure full remediation was achieved. The on-site active CTB pad area consists of limestone-caliche base material used to create the active pad area. The caliche material is hard and dry. There is no vegetation growing on the Rana Salada Pad-A CTB area. Native soil below the pad base consisted of a reddish silty sand.

Rouge Services was contracted by Novo to conduct the soil excavation, loading, and hauling. Affected soil excavation (hydro-excavation) began on December 22, 2022, and continued through February 17, 2023. Excavated soil was either stockpiled on plastic sheeting or direct loaded to trucks. Water derived from hydro-excavation was either allowed to dry or mix with soil within the stockpile. Soil within each grid was initially excavated to one foot below ground surface. Sidewalls were tapered towards the natural ground surface along each side of the excavation, so that actual sidewalls were not created. Following excavation at each grid, confirmation soil samples were collected and submitted to Cardinal Laboratories for analysis (initial samples collected 01/10/2023). Based on analytical data results from the initial confirmation soil samples, additional excavation was necessary and extended to approximate depths of 2-4 feet below ground surface until analytical data results were below the Table I Closure Criteria.

Confirmation soil samples were collected within each 200 square foot grid and consisted of a 5-point composite sample (generally one from the center and one outward near each corner area). Confirmation soil samples were initially analyzed for chlorides, TPH, and BTEX as described in section 4.1 of this report. Analytical results for each confirmation grid sample were evaluated to

the most stringent criteria per *Table I – Closure Criteria for Soils Impacted by a Release*. Analytical data results are presented on **Table 1**. If analytical data results showed a chemical constituent exceeded the Closure Criteria Level, soil in that particular grid area was further excavated downward another foot and resampled. Laboratory analysis for soil samples for grids that were further excavated were only analyzed for those chemical constituents that previously exceeded the Closure Criteria Level in the previous depth interval. This process continued until the concentration of all targeted chemical constituents were below the respective Closure Criteria Level.

#### 4.3 Waste Management

As described above, affected soil associated with the release was transported to the R360 Halfway Facility (NM1-006) located at 6601 Hobbs Highway US 62/180 mile marker 66. A New Mexico Non-Hazardous Oilfield Waste Manifest was prepared for each truck load of soil material. Manifests are provided in **Appendix D**. A total of 16 truckloads of soil (approximately 272 cubic yards) were transported and disposed for the remediation effort.

#### 5.0 DATA RESULTS & EVALUATION

Altamira utilized guidance from 19.15.29 NMAC, specifically *Table I - Closure Criteria for Soils Impacted by a Release* to assess soil sample analytical data collected at the Site. Depth to groundwater near the site was investigated and determined to be greater than 51 feet below ground surface. The most stringent closure criteria action levels were utilized to evaluate analytical results for remediation in the 0-4' soil interval. Closure criteria for soils located below four feet were utilized to evaluate confirmation soil samples collected below four feet. Analytical results are provided in **Table 1** and Laboratory Analytical Data Report are provided in **Appendix E** 

As previously described, work and confirmation soil sample grids were measured and marked on grid areas (less than 200 square feet). The overall grid area was setup in a conservative manner so that grids included known and suspected affected soil areas, but also overlapped into known unaffected soil areas. The remediation area and associated sample grids are depicted on **Figure 3**.

#### 5.1 Confirmation Soil Sampling Results

#### 5.1.1 Chlorides

Analytical results for chlorides showed elevated concentrations in multiple grids in the 1-1.5' sample interval. Those grids were extended at least another foot and resampled for chlorides. Chlorides in grids PA-17, PA-18, and PA-19 were extended to four feet below ground surface. Chlorides in all soil samples except for grid PA-18 (4-4.5') exhibited chloride concentrations less than 600 mg/kg. The chloride concentration at grid PA-19 (4-4.5') was 816 mg/kg. Since grid PA-18 was excavated and sampled below four feet, chloride concentrations were compared to 10,000 mg/kg. **Remediation of chlorides in soil has been completed.** 

#### 5.1.2 TPH

TPH was analyzed on all initial confirmation soil samples (1-1.5') and ranged from 602.9 mg/kg to 13,689 mg/kg. All sample grids were further excavated to two feet below ground surface and re-sampled. Grid areas located nearest the heater treaters and main release area required additional excavation up to four feet below ground surface. Following excavation of soil in these areas, additional confirmation soil samples were collected and analyzed for TPH. Analytical results showed TPH concentrations in final confirmation soil samples in the upper four feet and below four feet were below the Closure Criteria of 100 mg/kg. Remediation of TPH in soil has been completed.

#### 5.1.3 BTEX

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 in the upper four feet of soil at the Site. Benzene was not detected above the laboratory sample detection limit (not detected). Total BTEX constituents were detected in multiple soil samples with BTEX exceeding the Closure Criteria in soil samples PA-17 (1-1.5'), PA-19 (1-1.5') and PA-21 (1-1.5'), each located immediately adjacent to a heater treater. Analysis of subsequent deeper soil samples showed attenuation of BTEX to below the applicable Closure Criteria. Remediation of BTEX in soil has been completed.

#### 5.2 Final Data Evaluation

As described above, the known and probable affected soil areas were marked within 200 square foot (or less) grids for excavation and confirmation soil sampling. Following excavation activities to remove affected soil, confirmation soil samples were collected per the NMAC guidelines. Analytical data demonstrate remediation efforts (affected soil removal) was successful. Concentrations of chlorides, TPH, and BTEX were either not detected above the laboratory reporting limit (not detected) or if detected were below all applicable Closure Criteria standards. As a result, no further response or remediation action is necessary.

#### 6.0 RESTORATION, RECLAMATION & RE-VEGETATION

#### 6.1 Restoration and Reclamation Activities

Following excavation activities, the excavated area was restored to its original condition. The excavated area from approximately 2.5 to the total depth of the excavation was backfilled using native topsoil (similar to existing silty-sandy very fine-grained soil) from a nearby native soil borrow source. The upper 2.5 feet of the excavated area was backfilled with caliche material to reestablish the active operational pad area. Following placement and compaction of the new native topsoil and caliche pad material, the area was graded and contoured to match the original topography of the Site pad area.

Routine inspection of the Rana Salada Pad-A CTB area has not revealed any erosion of the restored pad. Since this is an active operational pad area, vegetation of this remediated area will not be conducted at this time.

#### 7.0 CONCLUSIONS

On December 21, 2022, Novo personnel identified a release from a heater treater fire-tube situated within the active central tank battery. Approximately 20 barrels of crude oil/produced water liquids released onto the adjacent pad area. The release was contained to the immediate area near the heater treaters and other permanent equipment. Upon discovery of the release, Novo was able to shut in flow to the unit.

Approximately 20 barrels of crude oil liquids were released; and approximately 20 barrels of crude oil liquids were recovered using vacuum trucks and removal of affected soil. During December 22, 2022, through February 17, 2023 Novo conducted remediation efforts to remove affected soil and restore the area to pre-release conditions.

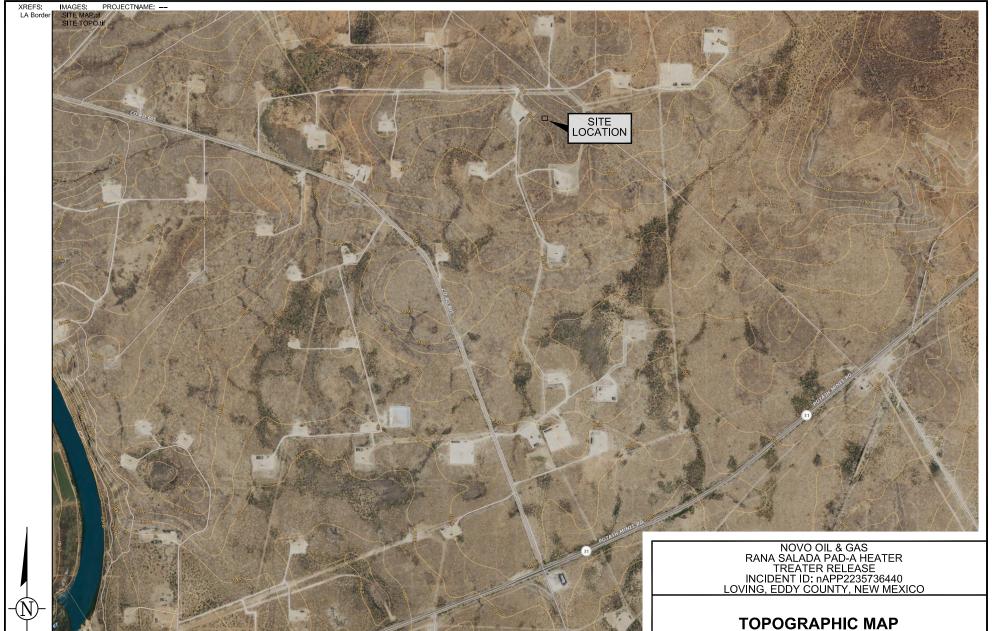
Analytical data results for post excavation confirmation soil validate the completion of affected soil removal from the release area.

- Soil on-site has been remediated to chloride levels less than 600 mg/kg, TPH less than 100 mg/kg, BTEX less than 50 mg/kg and benzene less than 10 mg/kg in the upper four feet of soil.
- Reclamation and restoration efforts have been completed.
- No further response action/remediation is necessary for this release Site.
- Novo would respectfully like to request regulatory closure for Incident ID: nAPP2235736440.



**FIGURES** 

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FIGURE

1

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FIGURE

2

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P:Novo Oil & GasinVONM2205 - Rana Salada Pad-A CTB 12-21-2022/Figures/FigURE 2 - SITE PLAN & SAMPLE LOCATION MAP.dwg LAYOUT: FIGURE 3 SAVED: 2/22/2023 3:46 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: --- PLOTTED: 4/6/2023 6:18 PM BY: AARON LOZANO

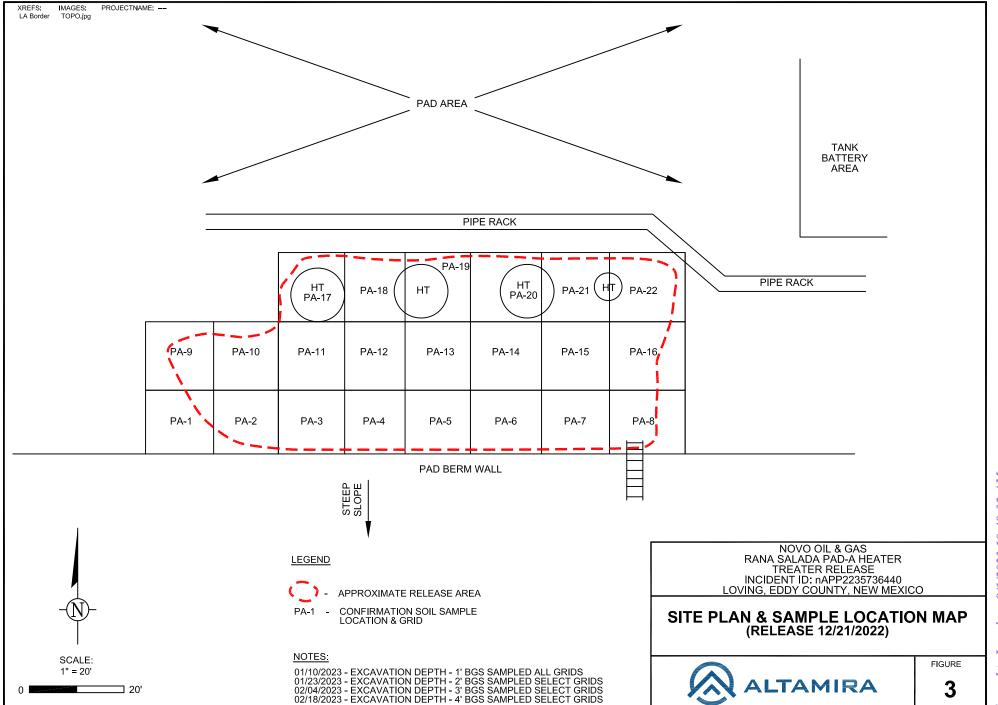




TABLE 1

Analytical Data Results Summary – Post Excavation Soil Samples (mg/kg)

### Table 1

# Analytical Data Summary - Post Excavation Soil Samples (mg/kg)

## Novo Oil Gas - Rana Salada Pad A CTB Heater Treater Release (12/21/2023)

Incident ID: nAPP2235736440 Near Loving, Eddy County, New Mexico

| Analyte                                     |                       | Chloride  | BTEX         | Benzene | TPH (C6-C10) | TPH (>C10-28) | TPH (>C28-36) | TPH    |
|---|-----------------------|-----------|--------------|---------|--------------|---------------|---------------|--------|
| Method<br>Table I - Closure Criteria (0-4') |                       | 4500-CI-B | 8021B        | 8021B   | 8015M        | 8015M         | 8015M         | 8015M  |
|   |                       | 600       | 50           | 10      | -            | -             | _             | 100    |
| Table I - Closu                             | ıre Criteria (4-100') | 10000     | 50           | 10      |              |               |               | 2,500  |
|   |                       |           |              |         |              |               |               |        |
| Sample ID                                   | Sample Date           |           |              |         |              |               |               |        |
| PA-1 (1-1.5')                               | 1/10/2023             | 224       | 1.65         | <0.05   | 132          | 1290          | 138           | 1560   |
| PA-1 (1-1.5)                                | 1/10/2023             | 96        | <0.30        | <0.05   | <10          | <10           | <10           | <10    |
| FA-1 (2-2.5)                                | 1/23/2023             | 90        | <b>~0.30</b> | <0.03   | <b>~10</b>   | <b>~10</b>    | <b>~10</b>    | ~10    |
| PA-2 (1-1.5')                               | 1/10/2023             | 304       | <0.30        | <0.05   | 18.6         | 1170          | 135           | 1323.6 |
| PA-2 (2-2.5')                               | 1/23/2023             | 256       | <0.30        | <0.05   | <10          | <10           | <10           | <10    |
|   |                       |           |              |         |              |               |               |        |
| PA-3 (1-1.5')                               | 1/10/2023             | 432       | 0.594        | <0.05   | 65.8         | 1750          | 205           | 2020.8 |
| PA-3 (2-2.5')                               | 1/23/2023             | 192       | <0.30        | <0.05   | <10          | <10           | <10           | <10    |
|   |                       |           |              |         |              |               |               |        |
| PA-4 (1-1.5')                               | 1/10/2023             | 1,480     | 0.464        | <0.05   | 74.2         | 1370          | 147           | 1591.2 |
| PA-4 (2-2.5')                               | 1/23/2023             | 176       | <0.30        | <0.05   | <10          | <10           | <10           | <10    |
| PA-5 (1-1.5')                               | 1/10/2023             | 832       | 2.56         | <0.05   | 113          | 1640          | 113           | 1866   |
| PA-5 (2-2.5')                               | 1/23/2023             | 144       | <0.30        | <0.05   | <10          | <10           | <10           | <10    |
|   |                       |           |              |         |              |               |               |        |
| PA-6 (1-1.5')                               | 1/10/2023             | 464       | 2.53         | <0.05   | 112          | 1440          | 121           | 1673   |
| PA-6 (2-2.5')                               | 1/23/2023             | 192       | <0.30        | <0.05   | <10          | 43.7          | <10           | 43.7   |
|   |                       |           |              |         |              |               |               |        |
| PA-7 (1-1.5')                               | 1/10/2023             | 240       | 2.47         | <0.05   | 183          | 1530          | 67.2          | 1780.2 |
| PA-7 (2-2.5')                               | 1/23/2023             | 160       | <0.30        | <0.05   | <10          | 33.7          | <10           | 33.7   |
|   |                       |           |              |         |              |               |               |        |
| PA-8 (1-1.5')                               | 1/10/2023             | 336       | 7.22         | <0.05   | 185          | 1220          | 66.8          | 1471.8 |
| PA-8 (2-2.5')                               | 1/23/2023             | 128       | <0.30        | <0.05   | <10          | 29.4          | <10           | 29.4   |
| PA-9 (1-1.5')                               | 1/10/2023             | 576       | 22.1         | <0.05   | 421          | 2480          | 192           | 3093   |
| PA-9 (2-2.5')                               | 1/23/2023             | 96        | <0.30        | <0.05   | <10          | <10           | <10           | <10    |
| · '   |                       |           |              |         |              |               |               |        |
| PA-10 (1-1.5')                              | 1/10/2023             | 784       | 0.859        | <0.05   | 55.4         | 1590          | 118           | 1763.4 |
| PA-10 (2-2.5')                              | 1/23/2023             | 144       | <0.30        | <0.05   | <10          | 21.1          | <10           | 21.1   |
| DA 44 (4 4 5°)                              | 4/40/2000             | 000       | 0.000        | 40.05   | 00.0         | 4450          | 00            | 4000   |
| PA-11 (1-1.5')                              | 1/10/2023             | 896       | 0.868        | <0.05   | 66.9         | 1150          | 86            | 1302.9 |
| PA-11 (2-2.5')                              | 1/23/2023             | 512       | <0.30        | <0.05   | <10          | 163           | <10           | 163    |

**ALTAMIRA-US** 

#### Table 1

# Analytical Data Summary - Post Excavation Soil Samples (mg/kg)

# Novo Oil Gas - Rana Salada Pad A CTB Heater Treater Release (12/21/2023) Incident ID: nAPP2235736440

Near Loving, Eddy County, New Mexico

| Analyte                           |                      | Chloride  | BTEX  | Benzene | TPH (C6-C10) | TPH (>C10-28) | TPH (>C28-36) | TPH    |
|-----------------------------------|----------------------|-----------|-------|---------|--------------|---------------|---------------|--------|
| Method                            |                      | 4500-CI-B | 8021B | 8021B   | 8015M        | 8015M         | 8015M         | 8015M  |
| Table I - Closure Criteria (0-4') |                      | 600       | 50    | 10      | -            | -             | -             | 100    |
| Table I - Closu                   | re Criteria (4-100') | 10000     | 50    | 10      |              |               |               | 2,500  |
| 0 1 10                            | 0 1 0 1              |           |       |         |              |               |               |        |
| Sample ID                         | Sample Date          |           |       |         | .10          | .40           | .40           | .40    |
| PA-11 (3-3.5')                    | 2/4/2023             |           |       |         | <10          | <10           | <10           | <10    |
| PA-12 (1-1.5')                    | 1/10/2023            | 1,630     | 0.432 | <0.05   | 31.1         | 1560          | 129           | 1720.1 |
| PA-12 (2-2.5')                    | 1/23/2023            | 288       | <0.30 | <0.05   | <10          | <10           | <10           | <10    |
| 77 12 (2 2.0 )                    | 1720/2020            | 200       | -0.00 | 30.00   |              | 110           | 110           |        |
| PA-13 (1-1.5')                    | 1/10/2023            | 784       | 0.46  | <0.05   | 53.2         | 1320          | 82.1          | 1455.3 |
| PA-13 (2-2.5')                    | 1/23/2023            | 544       | <0.30 | <0.05   | <10          | 194           | <10           | 194    |
| PA-13 (3-3.5')                    | 2/4/2023             |           |       |         | <10          | <10           | <10           | <10    |
|                                   |                      |           |       |         |              |               |               |        |
| PA-14 (1-1.5')                    | 1/10/2023            | 368       | 0.178 | <0.05   | 23.1         | 540           | 39.8          | 602.9  |
| PA-14 (2-2.5')                    | 1/23/2023            | 400       | <0.30 | <0.05   | <10          | 43.4          | <10           | 43.4   |
|                                   |                      |           |       |         |              |               |               |        |
| PA-15 (1-1.5')                    | 1/10/2023            | 192       | 2.6   | <0.05   | 126          | 1020          | 74.9          | 1220.9 |
| PA-15 (2-2.5')                    | 1/23/2023            | 160       | <0.30 | <0.05   | <10          | 50.1          | <10           | 50.1   |
|                                   |                      |           |       |         |              |               |               |        |
| PA-16 (1-1.5')                    | 1/10/2023            | 1,200     | 6.54  | <0.05   | 187          | 1390          | 115           | 1692   |
| PA-16 (2-2.5')                    | 1/23/2023            | 144       | <0.30 | <0.05   | <10          | <10           | <10           | <10    |
|                                   |                      |           |       |         |              |               |               |        |
| PA-17 (1-1.5')                    | 1/10/2023            | 5,040     | 73.9  | <0.2    | 981          | 6260          | 509           | 7750   |
| PA-17 (2-2.5')                    | 1/23/2023            | 1410      | <0.30 | <0.05   | <10          | 90.6          | <10           | 90.6   |
| PA-17 (3-3.5')                    | 2/4/2023             | 832       |       |         |              |               |               |        |
| PA-17 (4-4.5')                    | 2/18/2023            | 240       |       |         |              |               |               |        |
|                                   |                      |           |       |         |              |               |               |        |
| PA-18 (1-1.5')                    | 1/10/2023            | 3,200     | 24.9  | <0.05   | 841          | 6230          | 695           | 7766   |
| PA-18 (2-2.5')                    | 1/23/2023            | 1760      | 0.888 | <0.05   | 11.8         | 276           | 20.1          | 307.9  |
| PA-18 (3-3.5')                    | 2/4/2023             | 2280      |       |         | <10          | <10           | <10           | <10    |
| PA-18 (4-4.5')                    | 2/18/2023            | 816 *     |       |         |              |               |               |        |
|                                   |                      |           |       |         |              |               |               |        |
| PA-19 (1-1.5')                    | 1/10/2023            | 816       | 77.7  | <0.2    | 1300         | 5710          | 542           | 7552   |
| PA-19 (2-2.5')                    | 1/23/2023            | 1920      | <0.30 | <0.05   | <10          | 116           | <10           | 116    |
| PA-19 (3-3.5')                    | 2/4/2023             | 1170      |       |         | <10          | 379           | 37.1          | 416.1  |
| PA-19 (4-4.5')                    | 2/18/2023            | 560       |       |         | <10          | 23.8          | <10           | 23.8   |
|                                   |                      |           |       |         |              |               |               |        |

ALTAMIRA-US 2 of 3

#### Table 1

## Analytical Data Summary - Post Excavation Soil Samples (mg/kg)

#### Novo Oil Gas - Rana Salada Pad A CTB Heater Treater Release (12/21/2023)

Incident ID: nAPP2235736440

Near Loving, Eddy County, New Mexico

| Analyte         |                      | Chloride  | BTEX  | Benzene | TPH (C6-C10) | TPH (>C10-28) | TPH (>C28-36) | TPH    |
|-----------------|----------------------|-----------|-------|---------|--------------|---------------|---------------|--------|
| Method          |                      | 4500-CI-B | 8021B | 8021B   | 8015M        | 8015M         | 8015M         | 8015M  |
| Table I - Closu | ıre Criteria (0-4')  | 600       | 50    | 10      | -            | -             | -             | 100    |
| Table I - Closu | re Criteria (4-100') | 10000     | 50    | 10      |              |               |               | 2,500  |
| Sample ID       | Sample Date          |           |       |         |              |               |               |        |
| PA-20 (1-1.5')  | 1/10/2023            | 1,360     | 33.6  | <0.2    | 964          | 5250          | 483           | 6697   |
| PA-20 (2-2.5')  | 1/23/2023            | 432       | <0.30 | <0.05   | <10          | 158           | <10           | 158    |
| PA-20 (3-3.5')  | 2/4/2023             |           |       |         | <10          | 52.6          | <10           | 52.6   |
| PA-21 (1-1.5')  | 1/10/2023            | 304       | 124   | <0.5    | 2580         | 10700         | 409           | 13689  |
| PA-21 (2-2.5')  | 1/23/2023            | 688       | <0.30 | <0.05   | 19.9         | 936           | 79.8          | 1035.7 |
| PA-21 (3-3.5')  | 2/4/2023             |           |       |         | <10          | <10           | <10           | <10    |
|                 |                      |           |       |         |              |               |               |        |
| PA-22 (1-1.5')  | 1/10/2023            | 4,240     | 1.85  | <0.05   | 145          | 2100          | 180           | 2425   |
| PA-22 (2-2.5')  | 1/23/2023            | 192       | <0.30 | <0.05   | <10          | <10           | <10           | <10    |
|                 |                      |           |       |         |              |               |               |        |

#### Notes:

All results are in mg/kg

Closure Criteria Soils - Table I of 19.15.29.12 NMAC

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

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

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

- Not analyzed

Bold indicates a detection above the Laboratory Sample Reporting Limit

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

\* - Closure Criteria based on depth to groundwater greater than 51 feet below ground surface

ALTAMIRA-US 3 of 3



**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 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    | nAPP2235736440 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID | 169735         |

|  |  |                       | Keleas                             | se No                   | tincat                      | cion   |  |
|--|--|-----------------------|------------------------------------|-------------------------|-----------------------------|--|--|
|  |  |                       | Resp                               | ponsib                  | le Party                    | <b>y</b>   |  |
| Responsible  | Responsible Party: Novo Oil & Gas Northern Delaware, LLC OGRID: 372920 |                       |                                    |                         |                             |  |  |
| Contact Nam  | e: Kurt A.   | Shipley               |                                    |                         | Contact Te                  | elephone: 405-286-3916   |  |
| Contact emai   | 1: kshipley  | @novoog.com           |                                    |                         | Incident #                  | (assigned by OCD): nAPP2235736440  |  |
| Contact maili<br>Oklahoma C  |  | 1001 West Wils<br>116 | shire Blvd., Suite                 | e 206                   |                             |  |  |
|  |  |                       | Location                           | of Re                   | lease So                    | ource  |  |
| Latitude 32.3  | 39589  |                       | Longitude<br>(NAD 83 in de         |                         | 104.03367<br>ees to 5 decim |  |  |
| Site Name: R   | Rana Salada  | a Pad A CTB           |                                    | ,                       | Site Type:                  | Central Tank Battery   |  |
| Date Release   | Discovered:  | 12/21/2022            |                                    | 1                       | API# (if app                | licable)   |  |
| Unit Letter  | Section  | Township              | Range                              |                         | County                      |  |  |
| В  | 1  | T23S                  | R28E                               | Eddy                    |                             | -  |  |
| Surface Owner  |  | Federal Ti            | Nature and                         | d Volu                  | ıme of I                    | Release justification for the volumes provided below)  |  |
| Crude Oil  |  |                       | sed (bbls): Estima                 |                         |                             | Volume Recovered (bbls): Estimated 4   |  |
| Produced   | Water  | Volume Releas         | sed (bbls): Estimat                | ited 16                 |                             | Volume Recovered (bbls): Estimated 16  |  |
|  |  |                       | ation of dissolved r >10,000 mg/l? | l chloride              | in the                      | ⊠ Yes □ No   |  |
| Condensate Volume Released (bbls)  |  |                       |                                    |                         |                             | Volume Recovered (bbls)  |  |
| Natural Gas Volume Released (Mcf)  |  |                       |                                    |                         |                             | Volume Recovered (Mcf)   |  |
| Other Volume/Weight Released (provide units) Volume/Weight Recovered (provide units) |  |                       |                                    |                         |                             |  |  |
| entire volum<br>was the resu   | on 12/21/20<br>le of the rel<br>ult of a faile                         | ease was contai       | ned within the a fire-tube gasket  | active pad<br>t. Novo v | d area. F<br>was able t     | curred on the Novo Rana Salada Pad A CTB. The field operation indicate the cause of the release o quickly identify the failure and shut in flow. |  |

Received by OCD: 4/14/2023/12:35:58/PM/ From C-141 State of New Mexico Page 2 Oil Conservation Division

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| Incident ID    | nAPP2235736440 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID | 169735         |

| Was this a major release   | If VEC for what massar(a) does the mamorable marty consider this a major release?  |
|--|--|
| 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?  | Released volume does not exceed 25 bbl   |
| ☐ Yes ⊠ No   |  |
|  |  |
| 12/23/2022 – Bryan Har<br>12/23/2022 – Bryan Har   | I tice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? They conducted NMOCD online notification to obtain incident ID they provided email notification to NMOCD - Mike Bratcher and Robert Hamlet they provided email notification to BLM - Jim Amos   |
|  | Initial Response   |
| The responsible p  | arty must undertake the following actions immediately unless they could create a safety hazard that would result in injury   |
| The source of the relea  | ase has been stopped.  |
|  | s been secured to protect human health and the environment.  |
| _ '  | we been contained via the use of berms or dikes, absorbent pads, or other containment devices.   |
|  | coverable materials have been removed and managed appropriately.   |
|  | above have <u>not</u> been undertaken, explain why:  |
|  | ns above have been completed.  |
| ·  |  |
| Remediation efforts (exc   | cavated affected soil) will be confirmed with sampling.  |
|  |  |
| D. 10 15 20 9 D. (4) NM.   | A College with the second seco |
| has begun, please attach a   | 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 t area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  |
| regulations all operators are r<br>public health or the environm<br>failed to adequately investiga | mation 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 tent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have te and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In a C-141 report does not relieve 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>December 23, 2022</u>   |
| email: <u>kshipley@novoo</u>   | Telephone: <u>405-286-3916</u>   |
| OCD Only   |  |
| Jocelyn  | 12/27/2022<br>- 12/27/2022   |
| Received by:   | Date:  |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 169826

#### **CONDITIONS**

| Operator:                             | OGRID:                                    |
|---------------------------------------|---|
| NOVO OIL & GAS NORTHERN DELAWARE, LLC | 372920                                    |
| 1001 West Wilshire Blvd               | Action Number:                            |
| Oklahoma City, OK 73116               | 169826                                    |
|                                       | Action Type:                              |
|                                       | [C-141] Release Corrective Action (C-141) |

#### CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| jharimon   | None      | 12/27/2022     |



## United States Department of Interior Bureau of Land Management Major Undesirable Event Report

| Report Type: Initial 24-Hour □ 15-Day/Final ⊠                 |                    |          |                    | Other/Follow-up $\square$       |                |         |          |                       |           |          |
|---|--------------------|----------|--------------------|---------------------------------|----------------|---------|----------|-----------------------|-----------|----------|
| BLM Field Office: Carlsbad, NM                                |                    |          |                    | State: New Mexico               |                |         |          |                       |           |          |
| BLM Contact: Crisha Morgan                                    |                    |          |                    | Date of this Report: 12/31/2022 |                |         |          |                       |           |          |
| Company Official Re   | porting to BLM:    | Kurt S   | hipley and F       | Bryan I                         | Haney (A       | ltamir  | a)       |                       |           |          |
| Operator: Novo Oil  | & Gas Northern I   | Delawai  | e, LLC             |                                 |                |         |          |                       |           |          |
| Date/Time of Occurre  | ence: 12/21/2022   | at 2:35  | pm                 | Date/                           | Гime BL        | M Noti  | ified:   | 12/23/2               | 022       |          |
| Field/Unit Name: B  |                    |          |                    | Lease Number:                   |                |         |          |                       |           |          |
| State: NM Cor   | unty: Eddy         |          | Twp:T23S           | Rng: R28E Sec:                  |                |         | Sec: 1   | 1                     | Qtr:      |          |
| Latitude/ Longitude:  | 32.339589, -104.   | 033673   |                    | I                               |                |         |          |                       |           |          |
| Surface Ownership: I  | BLM/Private        | Feder    | al: 🗵              | Indian                          | n: 🗆           | State:  | : 🗆      | J                     | FEE 🗆     |          |
| Type and Relevant l   | Details of Event   |          |                    |                                 |                |         |          |                       |           |          |
| Oil Spill□  | Oil/Water S        | pill⊠    |                    | Gas V                           | enting□        |         |          | Toxic F               | luid Spil | 10       |
| Saltwater Spill□  | Other Spill        | (Specif  | ic) 🗆              | Blowe                           | out□           |         |          | Fire□                 |           |          |
| Injury □  | Fatality□          |          |                    | Prope                           | rty Dama       | ge□     |          | Explosi               | on□       |          |
| Nature and Cause of Minor release approx A Central Tank Batte | imately 20 bbl of  |          |                    |                                 |                |         | on th    | ne <u>Novo</u>        | Rana Sa   | alad Pad |
| Environmental Impac<br>Mist/spray to surface                  | pad (active pad a  |          |                    |                                 |                | roperty | y)       |                       |           |          |
| Time Required to Co.  |                    | rs):     | Approxima          |                                 |                |         |          | ~                     |           |          |
| Volume Discharged or Consumed:                                |                    |          | Oil: <u>4</u> bbls |                                 | Water: 16 bbls |         |          | Gas:                  | _ mcf     |          |
| Volumes Recovered:  |                    |          | Oil: <u>4</u> bbls | Water: 16 bbls                  |                |         |          |                       |           |          |
| Net Volume Lost:  |                    |          | Oil: <u>0</u> bbl  | s Water: <u>0</u> bbls          |                | ls      | Gas: mcf |                       |           |          |
| Action Taken to Conmoving equipment to                        | scrape and remo    | ve affe  | cted soil area     | a                               |                |         |          | quids.                | Use eart  | h        |
| Resulting Damage: r   | ninor surface stai | ning to  | active pad a       | rea at                          | central ta     | nk bat  | tery     |                       |           |          |
| Clean-Up Procedures affected soil.                            | : Use of vacuum    | truck a  | and soil exca      | vation                          | machine        | ry to r | emov     | e standi              | ng liquio | is and   |
| Cause/Extent of Person  | onal Injury: None  | ;        |                    |                                 |                |         |          |                       |           |          |
| Actions the operator repaired.                                | has taken or will  | take to  | prevent a rec      | curren                          | ce of the i    | incider | nt: Eo   | quipmer               | nt has be | en       |
|   | Agency Name        | ncy Name |                    |                                 | Contact Name   |         |          | Date/Time             |           |          |
|   | NMOCD              |          |                    | Mike Bratcher (email)           |                |         |          | 12/23/2022 at 7:44pm  |           |          |
| (Federal/ State/  | NMOCD              |          |                    | Online Portal – Notify          |                |         | •        | 12/23/2022 at 11:08pm |           |          |
| Local):   | BLM                | M        |                    | Jim Amos (email)                |                |         |          | 12/23/2022 at 7:45pm  |           |          |
|   |                    |          |                    |                                 |                |         |          |                       |           |          |
|   |                    |          |                    |                                 |                |         |          |                       |           |          |

| 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. |  |  |  |  |
|---|--|--|--|--|
| None associated with this equipment on Pad A.   |  |  |  |  |
|   |  |  |  |  |
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From: Bryan Haney

Sent: Wednesday, March 15, 2023 3:33 PM

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

<mike.bratcher@emnrd.nm.gov>

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

Subject: nAPP2235736440 - REQUEST FOR TIME EXTENSION - Novo Ovation Pad-O Heater Treater

Fire Tube Release

Rob and Mike,

Novo would like to request a 30-day time extension to complete and submit the Final Closure Report. Remediation efforts are complete and the excavation has been backfilled. We are waiting on some final waste disposal documentation and will get the report submitted shortly after.

Thank you,

Bryan

#### 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: 169735

**Date:** Friday, December 23, 2022 11:07:51 AM

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#) nAPP2235736440,

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 nAPP2235736440, 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 From: Bryan Haney
To: "Jim Amos"

Cc: Kurt Shipley; Dara Tatum

Subject: Notification Minor Release - nAPP2235736440 - Novo Rana Salada Pad A CTB - Central Tank Battery

**Date:** Friday, December 23, 2022 7:45:00 PM

Attachments: 11-23-2022 - (OCD) has accepted the application, Application ID 169735.pdf

image001.png

nAPP2235736440 - C-141 Initial Notification 12-23-2022.pdf

Jim,

On behalf of Novo Oil and Gas, I am providing written email notification of a minor release that occurred on December 21, 2022 at the Rana Salada Pad A CTB Central Tank Battery. Approximately 16 bbl of produced water and 4 bbl of crude oil were released as a results of a failed heather treater fire-tube gasket. Liquids were removed by vacuum truck and the affected soil area was excavated. Confirmation soil sampling will be conducted in early January 2023.

Once confirmation soil sample results confirm remediation of TPH, BTEX and chlorides in soil, Novo will prepare and submit a Site Closure Report.

If you have any questions please contact myself or Kurt Shipley with Novo Oil and Gas.

Thank you,

### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: Bryan Haney

To: <u>Hamlet, Robert, EMNRD</u>; <u>Bratcher, Michael, EMNRD</u>

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

Subject: Notification Minor Release - nAPP2235736440 - Novo Rana Salada Pad A CTB - Central Tank Battery

**Date:** Friday, December 23, 2022 7:43:00 PM

Attachments: 11-23-2022 - (OCD) has accepted the application, Application ID 169735.pdf

image001.png

nAPP2235736440 - C-141 Initial Notification 12-23-2022.pdf

#### Rob and Mike,

On behalf of Novo Oil and Gas, I am providing written email notification of a minor release that occurred on December 21, 2022 at the Rana Salada Pad A CTB Central Tank Battery. Approximately 16 bbl of produced water and 4 bbl of crude oil were released as a results of a failed heather treater fire-tube gasket. Liquids were removed by vacuum truck and the affected soil area was excavated. Confirmation soil sampling will be conducted in early January 2023.

Once confirmation soil sample results confirm remediation of TPH, BTEX and chlorides in soil, Novo will prepare and submit a Site Closure Report.

If you have any questions please contact myself or Kurt Shipley with Novo Oil and Gas.

Thank you,

#### 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 approved the application, Application ID: 169826

Date: Tuesday, December 27, 2022 9:26:54 AM

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2235736440, with the following conditions:

#### None

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

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

Thank you,
Jocelyn Harimon
Environmental Specialist
575-748-1283
Jocelyn.Harimon@emnrd.nm.gov

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

To: BLM\_NM\_CFO\_REALTY\_Spill
Cc: Kurt\_Shipley; Dara\_Tatum; Brad\_Walls

Subject: NOVO Oil and Gas - Minor Release Notification - Rana Salada Pad Area 12/21/2022

Date: Wednesday, December 28, 2022 4:04:00 PM

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

11-23-2022 - (OCD) has accepted the application, Application ID 169735.pdf

nAPP2235736440 - C-141 Initial Notification 12-23-2022.pdf

Attached is the C-141 for the Novo Rana Salada minor release on-pad. To date, the area has been remediated to the best extent practicable and confirmation soil sampling will be conducted in January 2023 to confirm. If you have any questions or require additional documentation please contact me directly for those requests.

Thank you,

#### Bryan Haney, TX P.G

Senior Project Manager | 361.658.3126 |

Bryan.Haney@altamira-us.com

altamira-us.com



From: Bryan Haney

To: <u>Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD</u>

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

Subject: nAPP2235736440 - REQUEST FOR TIME EXTENSION - Novo Ovation Pad-O Heater Treater Fire Tube Release

 Date:
 Wednesday, March 15, 2023 3:33:00 PM

 Attachments:
 Fully Executed C-141 Notification.pdf

image001.png

Rob and Mike,

Novo would like to request a 30-day time extension to complete and submit the Final Closure Report. Remediation efforts are complete and the excavation has been backfilled. We are waiting on some final waste disposal documentation and will get the report submitted shortly after.

Thank you,

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; Dara Tatum; Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD

Subject: (Extension Approval) - RE: nAPP2235736440 - REQUEST FOR TIME EXTENSION - Novo Ovation Pad-A Heater

Treater

**Date:** Wednesday, March 15, 2023 4:05:02 PM

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

RE: Incident #NAPP2235736440

#### Bryan,

Your request for an extension to **April 21st, 2023** 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
506 W. Texas Ave.| 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: Wednesday, March 15, 2023 2:35 PM

**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

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

Subject: [EXTERNAL] RE: nAPP2235736440 - REQUEST FOR TIME EXTENSION - Novo Ovation Pad-A

Heater Treater

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

CORRECTION – this is for Pad-A Heater Treater Release

### Bryan Haney, TX P.G

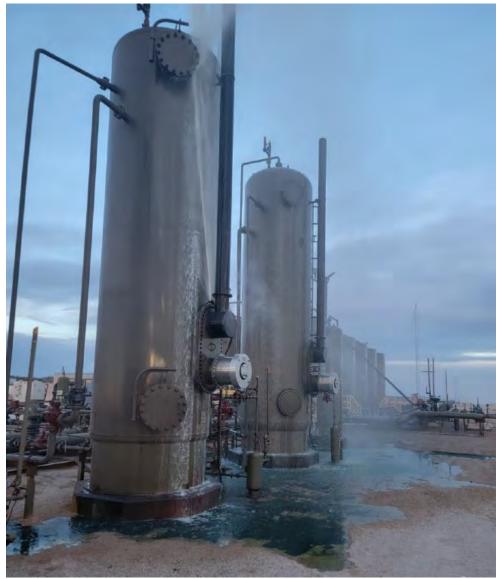
Senior Project Manager | 361.658.3126 |

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





**APPENDIX B** Photographic Documentation



View northeast at heater treater and release from gasket, spill area



View northeast at release area – excavated to 1-foot below ground surface



View east at further excavated area



View west at soil excavation area



View east at final excavated area following sampling and prior to backfill



View east at backfilled area around heater treaters

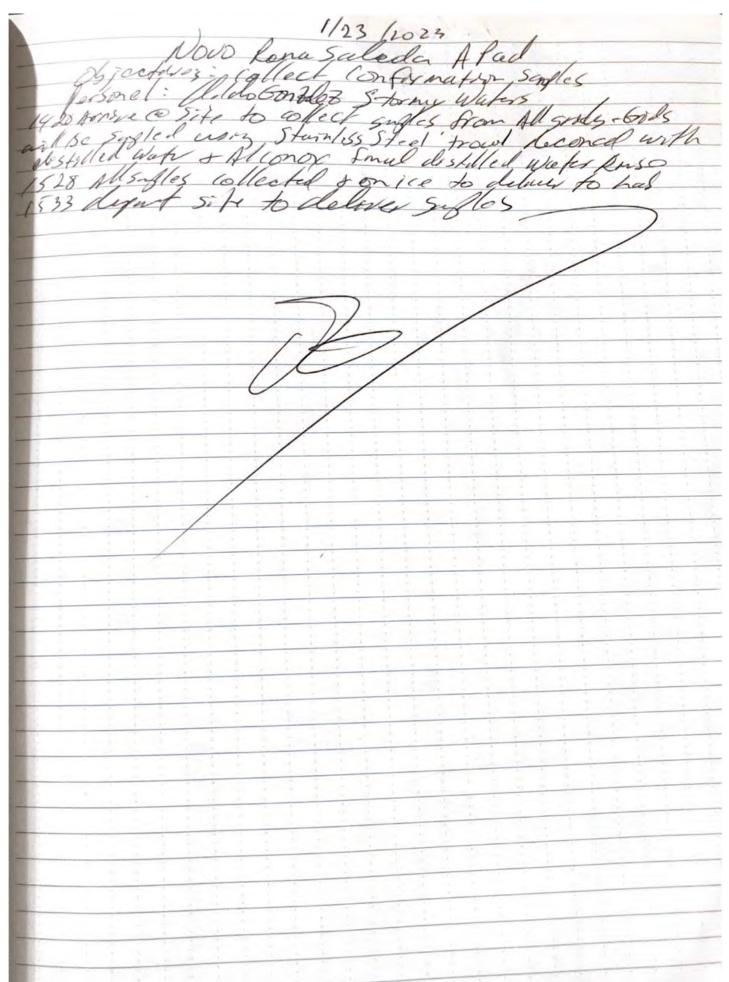


View northwest at backfilled former release area



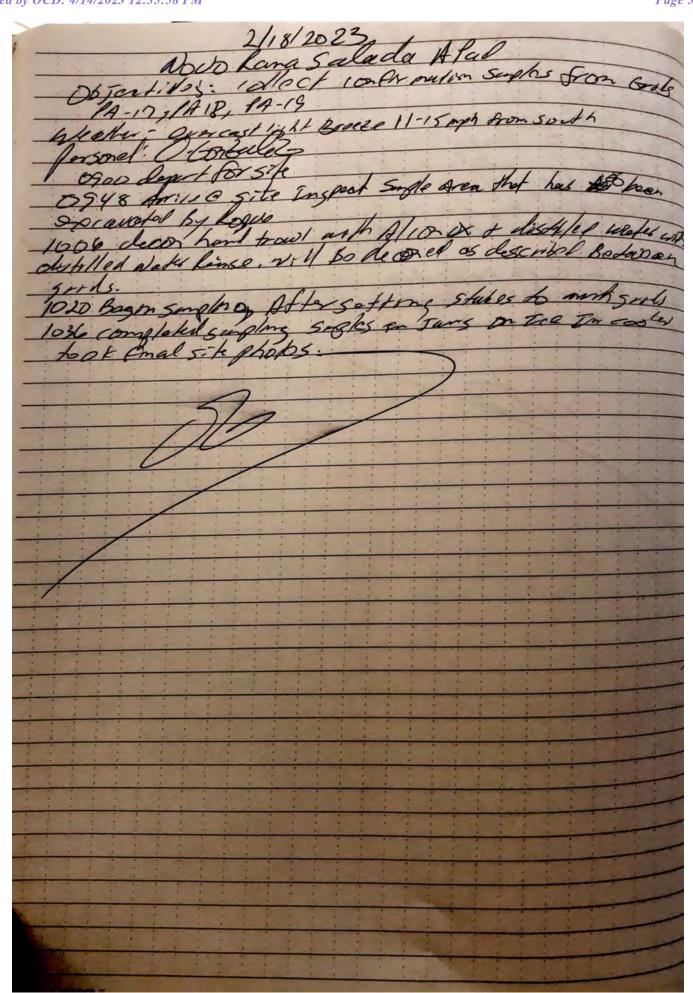
**APPENDIX C** Field Documentation

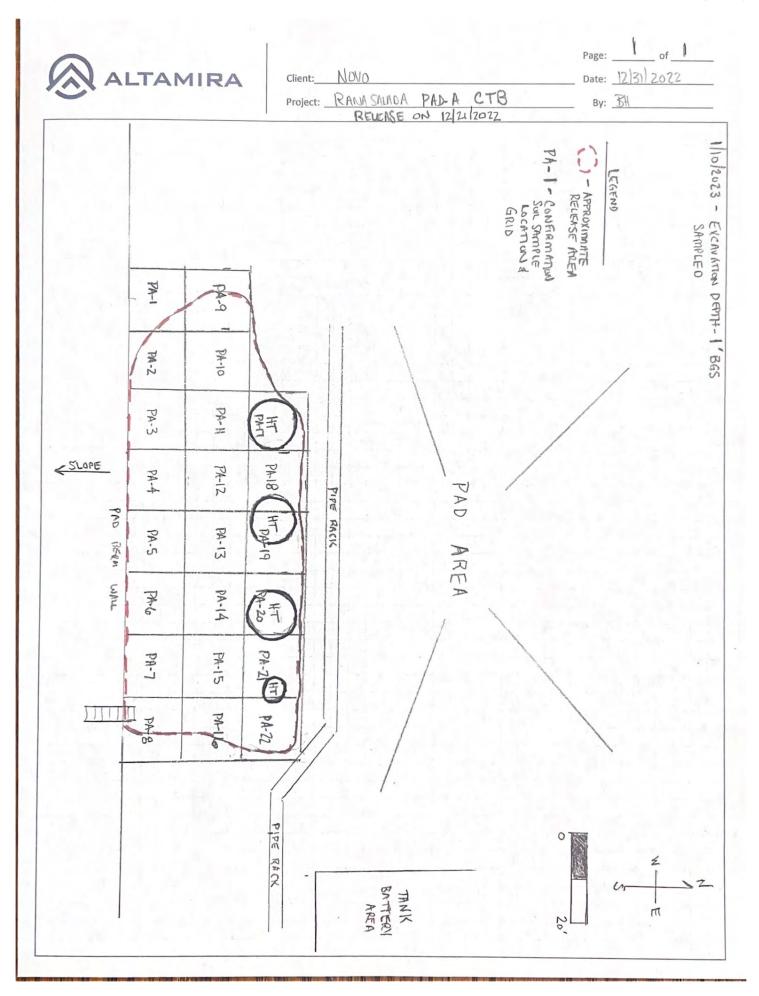
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**APPENDIX D** Waste Management Documentation

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| 261,21- hazarde MSDS-II MSDS-II  EMERGENCY NON-DILFEILD: Emerge determ  INSURITA AT PARALEL SIGHTS FAAME  ansporter's ame ddress hone No. hereby certify that the above named mat  SHIPMENT DATE  TRUCK TIME.  OU  SHIPMENT DATE  HAIFWAY Facility / NM1   | 261.24, or listed nazartuos was ous is attached. (Check the appinformation Report of the apping and the apping  | id waste that has been orded waste that has been orded waste must accompany the transfer of the Generator's site listed  | PORTER Driver's Name Print Name Phone No. Truck No. above and delivered with   | Other (Provide Description Below)  Public Safety (the order, documents sign  sign  put incident to the disposal facility list virus DATE  RECEIV  Name/No.  575-393-1079   | ation of non-hazardous waste  NATURE  ted below.  DRIVER'S SIGNATURE   |
| EMERGENCY NON-OILFELLD: Emergs the term  Important Art assesses a section of the term of the | 261.24, or listed nazartuos was ous is attached. (Check the appinformation Rency non-hazradous, non-oilfell nination and a desciption of the terial(s) was/were picked up at the conversion of t | id waste that has been orded waste that has been orded waste must accompany the transfer of the Generator's site listed  | PORTER  Driver's Name Print Name Phone No. Truck No. above and delivered with  | Other (Provide Description Below)  Public Safety (the order, documents side)  side  side  put incident to the disposal facility lise  VIRYDATE  RECEIV   | ation of non-hazardous waste  NATURE  ted below.  DRIVER'S SIGNATURE   |
| 261,21- hazarde  MSDS II  EMERGENCY NON-OILFELLD: Emerge the term  Insurant art solution and the second of the sec | 261.24, or listed nazartuos was ous is attached. (Check the appinformation Rency non-hazradous, non-oilfell nination and a desciption of the terial(s) was/were picked up at the converse signature.  STAMP  JT:  -006  2/180 Mile Marker 65 Carlsbad (Circle One)  YES  | iropriate items as provided) CCRA Hazardous Waste Ana Ild waste that has been orde a waste must accompany the TRANSE TRANSE  TRANSE  | PORTER  Driver's Name Print Name Phone No. Truck No. above and delivered with  | Other (Provide Description Below)  Public Safety (the order, documents sign  such incident to the disposal facility list virus DATE  RECEIV  Name/No.  575-393-1079  | ation of non-hazardous waste  NATURE  ted below.  DRIVER'S SIGNATURE   |
| EMERGENCY NON-OILFELLD: Emergs the term  Important Art assesses a section of the term of the | 261.24, or listed nazartuos was ous is attached. (Check the appinformation Rency non-hazradous, non-oilfell nination and a desciption of the terial(s) was/were picked up at the converse signature.  STAMP  JT:  -006  2/180 Mile Marker 65 Carlsbad (Circle One)  YES  | iropriste items as provided) CRA Hazardous Waste Ana Ild waste that has been orde a waste must accompany the TRANSI TRANSI TRANSI TRANSI TRANSI TRANSI   | PORTER  Driver's Name Print Name Phone No. Truck No. above and delivered with  | Other (Provide Description Below)  Public Safety (the order, documents sign  such incident to the disposal facility list virus DATE  RECEIV  Name/No.  575-393-1079  | ation of non-hazardous waste  NATURE  ted below.  DRIVER'S SIGNATURE  VING AREA  |
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| 261.21- hazarde  MSDS to  MSDS to  EMERGENCY NON-OILFELLD: Emerge determ  DEMONTH ATT PROCEED AND PLANTED  ansporter's  ansporter's  ansporter's  ansporter's  ansporter's  ansporter's  TRUCK TIME  TRUCK TIME  N: OU  SHIPMENT DATE  TRUCK TIME  OU  SHIPMENT DATE  Address  Halfway Facility / NM1  6601 Hobbs Hwy US 67  NORM READINGS TAKEN  PASS THE PAINT FILTER TEST   | 261.24, or listed nazartuos was ous is attached. (Check the appinformation Rency non-hazradous, non-oilfell nination and a desciption of the description and a desciption of the description of the description and a desciption of the description and a description of the description and descri | TRANSE   | ered by the Department on is form)  DATE  PORTER  Driver's Name Print Name Phone No. Truck No. above and delivered with      | Other (Provide Description Below)  Public Safety (the order, documents  sign  public Safety (the order, documents  sign  public Safety (the order, documents  sign  sign  public Safety (the order, documents  sign  sign  public Safety (the order, documents  sign  sign  RECEIV  Name/No.  \$75.393-1079  ading > 50 micro roentgens? (circle of the order)  BS&W/BBLS Received   | ation of non-hazardous waste  NATURE  ted below.  DRIVER'S SIGNATURE  VING AREA  |
| 261,21- hazarde  MSDS-li  EMERGENCY NON-OILFELLD: Emerge determ  INSURATIACT STREET STANK  INSURATIACT STREET STANK  INSURATIACT STREET STANK  INSURATIACT STREET STANK  TRUCK TIME.  OU  SEPHENT DATE  TRUCK TIME.  OU  SEPHENT NO. Halfway Facility / NM1  Address  SEPHENT PAINT FILTER TEST  Feet  1st Gauge Received  | 261.24, or listed nazartuous was ours is attached. (Check the appinformation Rency non-hazradous, non-oilfelinination and a description of the terial(s) was/were picked up at DISVER'S SIGNATURE STAMP  JT:  -006 2/180 Mile Marker 66 Carlsbad 2 (Circle One) YES 2 (Circle One)   | TRANSE  TRANSE | ered by the Department on is form)  DATE  PORTER  Driver's Name Print Name Phone No. Truck No. above and delivered with      | Other (Provide Description Below)  Public Safety (the order, documents sign  sign  public Safety (the order, documents sign  sign  public Safety (the order, documents sign  sign  sign  public Safety (the order, documents sign  sign  sign  RECETY  Name/No.  \$75.393-1079  ading > 50 micro roentgens? (circle of the water total Received)  Free Water Total Received  | ation of non-hazardous waste  NATURE  ted below.  DRIVER'S SIGNATURE  VING AREA  |
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| 261,21- hazarde MSDS-II MSDS-II  EMERGENCY NON-DILFELLD: Emerge determ  IFFORTH ACCOMMENT AND  ansporter's ame didress  none No. hereby certify that the above named mat  SHIPMENT DATE  TRUCK TIME.  OU  SITE Name/ Permit No. Address NORM READINGS TAKEN: PASS THE PAINT FILTER TEST  1st Gauge 2nd Gauge   | 261.24, or listed nazartuous was our is attached. (Check the appinformation Rency non-hazradous, non-oilfelinination and a description of the terial(s) was/were picked up at DISVER'S SIGNATURE STAMP  JT:  -006 2/180 Mile Marker 66 Carlsbad 2 (Circle One) YES 2 (Circle One)  | TRANSE  TRANSE | ered by the Department on is form)  DATE  PORTER  Driver's Name Print Name Phone No. Truck No. above and delivered with      | Other (Provide Description Below)  Public Safety (the order, documents sign  sign  public Safety (the order, documents sign  sign  public Safety (the order, documents sign  sign  sign  public Safety (the order, documents sign  sign  sign  RECETY  Name/No.  \$75.393-1079  ading > 50 micro roentgens? (circle of the water total Received)  Free Water Total Received  | ation of non-hazardous waste  NATURE  ted below.  DRIVER'S SIGNATURE  VING AREA  |

R369

## NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

Company Man Contact Information
Name

| A THE THE STREET   | GE   | NERATOR  | NO. 5888   | 35   |
|--|--|--|--|--|
| erator No.   |  | Permit/RRC No.   |  |  |
|  |  | Lease/Well<br>Name & No.   | Care Saledon FE Date   | 5 2/19   |
| rators Name  | E BAZ TEN  | County   | 3864   |  |
|  |  | API No.  | 32 015 000   | 3 7 7  |
| // State, Zip  | 71.00 7314   | Rig Name & No.   |  |  |
| one No.  | 6. 439   | AFE/PO No.   |  |  |
| EXENIPTES W  | laste/Service (Auntil - Nor till are   | ountilla a volome l'ext be Wall  | e twie m harrels or debit yards)   |  |
| Based Mids   | NON-MEETABLE WATERS  |  | Vashour Water (injectable)   |  |
| l Based Cuttings<br>ater Based Muds  | Washout Water (Non-Jolectable) Completion Fluid/Flow back (Non-Jule  | ectable)   | Completion Fluid/Flow back (Injectable)  |  |
| ater Based Cuttings  | Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable)  |  | Inducep Water (Injectable) Eathering Line Water/Waste (Injectable)   |  |
| oduced Formation Solids 5  | ATSOME INFORE  |  | THE LEEKE THAN IS AND AN EXPERTANT FACE  | a chambager  |
| P Contaminated Soil  | Truck Washout (exempt waste)   |  |  |  |
| s Plant Wasco ASTE GENERATION PROCESS:   | DRILLING TO  | COMPLETION   | RODUCTION GATHERIA   | IG LINES   |
|  | NONDEASTHET SECOND   | ata/Szivica dentificatio cana innasa   | The state of the s | The state of the s |
| All nan except EST   | waste must be analysed and by helpful 9  | the incession finits for lexicity (TCP)  | Ignitability; Corresivity and Reastwhy.  |  |
| n-Exempt Other   |  | *please select from  | Non-Exempt Waste List on back  |  |
| ANTITY   | B - BARRELS  | F-FIORID   | Y-YARDS  | E-EACH   |
| reby certify that according to the Resource Conse  | ervation and Recovery Act (RCRA) and th  | ne US Environmental Protection Agen  | cy's July 1988 regulatory determination, the ab  | ove described was  |
| is (Check the appropriate classification)  |  |  |  |  |
| Oil field wastes   | generated from oil and gas exploration a   | and production operations and are no   | ot mixed with non-exempt waste (R360 Accepts   | certifications on a  |
| I load basis only)   |  |  |  |  |
| RCRA NON-EXEMPT: Oil field waste w   | which is non-hazardous that does not exc   | ceed the minimum standards for was   | te hazardous by characteristics established in R   | CRA regulations, 4   |
|  | or listed hazardous waste as defined by<br>tached. (Check the appropriate items as   |  | ded. The following documentation demonstrati   | ing the waste as no  |
| hazardous is att   | (ached, (Check the appropriate items as  |  |  |  |
| MSDS informati   | inn RCRA Hazardous W   | Vaste Analysis   | Other (Provide Description Below)  |  |
| MSDS Informati   | ion RCRA Hazardous W   | Vaste Analysis   | other (Provide Description Below)  |  |
| Emergency non  |  |  |  | hazardous waste  |
| Emergency non  |  | been ordered by the Department of F  | other (Provide Description Below) Public Safety (the order, documentation of non-  | hazardous waste  |
| EMERGENCY NON-OILFEILD: Emergency non determination a  | ı-hazradous, non-oilfeild waste that has i   | been ordered by the Department of F  |  | hazardous waste  |
| Emergency non  | -hazradous, non-oilfeild waste that has i<br>and a desciption of the waste must accor  | been ordered by the Department of P<br>mpany this form)<br>DATE  | rublic Safety (the order, documentation of non-  | hazardous waste.   |
| EMERGENCY NON-OILFEILD: Emergency non determination a  | -hazradous, non-oilfeild waste that has i<br>and a desciption of the waste must accor  | been ordered by the Department of P<br>mpany this form)  DATE  ANSPORTER   | rublic Safety (the order, documentation of non-  | hazardous waste.   |
| EMERGENCY NON-OILFEILD: Emergency non determination a majorite and maj | -hazradous, non-oilfeild waste that has i<br>and a desciption of the waste must accor  | been ordered by the Department of P<br>mpany this form)<br>DATE  | rublic Safety (the order, documentation of non-  | hazardous waste.   |
| EMERGENCY NON-OJLFEILD: Emergency non determination a majorization and majorization and anaporter's me.  | -hazradous, non-oilfeild waste that has i<br>and a desciption of the waste must accor  | been ordered by the Department of P<br>mpany this form)  DATE  ANSPORTER  Driver's Name  Print Name  | Public Safety (the order, documentation of non-<br>SIGNATURE   | hazardous waste  |
| Emergency non-ojlFEILD: Emergency non determination a mapping at Honorage actions while anaporter's time.  | -hazradous, non-oilfeild waste that has i<br>and a desciption of the waste must accor  | been ordered by the Department of P<br>mpany this form)  DATE  ANSPORTER  Driver's Name  Print Name Phone No.  | Public Safety (the order, documentation of non-<br>SIGNATURE   | hazardous waste  |
| Emergency non-ollFellD: Emergency non determination a mapporter's ame lidress  | n-hazradous, non-oilfeild waste that has band a desciption of the waste must accord  | been ordered by the Department of P mpany this form)  DATE  ANSPORTER  Driver's Name  Print Name Phone No.  Truck No.  | Public Safety (the order, documentation of non-<br>SIGNATURE   | hazardous waste.   |
| Emergency non-ollFellD: Emergency non determination a mapporter's ame lidress  | n-hazradous, non-oilfeild waste that has band a desciption of the waste must accord  | been ordered by the Department of P mpany this form)  DATE  ANSPORTER  Driver's Name  Print Name Phone No.  Truck No.  | Public Safety (the order, documentation of non-<br>SIGNATURE   | hazardous waste  |
| EMERGENCY NON-OILFEILD: Emergency non determination a determination a supporter's impeditors when the support of the support o | n-hazradous, non-oilfeild waste that has be and a desciption of the waste must accord to the waste that has be and a desciption of the waste must accord to the waste was | been ordered by the Department of P mpany this form)  DATE  ANSPORTER  Driver's Name  Print Name Phone No.  Truck No.  | SIGNATURE  | 0  |
| EMERGENCY NON-OILFEILD: Emergency non determination a determination a supporter's impeditives one No.  ereby certify that the above named material(s) was supposed to the supp | as/were picked up at the Generator's situes of the Generator's situes  | been ordered by the Department of Findany this form)  DATE  ANSPORTER  Driver's Name  Print Name  Phone No.  Truck No.  e listed above and delivered without   | SIGNATURE Incident to the disposal facility listed below.  | <i>B</i>   |
| Emergency non-oilFeild: Emergency non determination a determination and determination a determination and determination and determination de | as/were picked up at the Generator's situes of the Generator's situes  | been ordered by the Department of Property | Incident to the disposal facility listed below.  DRIVER'S SIGNATURE  DRIVER'S SIGNATURE  RECEIVING ARE   | <i>B</i>   |
| Emergency non-oilfeild: Emergency non determination a determination and determination a determination and de | as/were picked up at the Generator's situes of the Generator's situes  | been ordered by the Department of Findany this form)  DATE  ANSPORTER  Driver's Name  Print Name  Phone No.  Truck No.  e listed above and delivered without   | SIGNATURE Incident to the disposal facility listed below.  | <i>B</i>   |
| EMERGENCY NON-OILFEILD: Emergency non determination a determination a supporter's same lidress supporter by that the above named material(s) we support that the above named material (s) we suppo | as/were picked up at the Generator's situes of the Generator's situes  | DATE  ANSPORTER  Driver's Name  Print Name Phone No.  Truck No.  e listed above and delivered without  | Incident to the disposal facility listed below.  DRIVER'S SIGNATURE  DRIVER'S SIGNATURE  RECEIVING ARE   | <i>B</i>   |
| ansporter's meeting that the above named material(s) we supplied that the above named material (s) we s | as/were picked up at the Generator's site  | DATE  ANSPORTER  Driver's Name  Print Name Phone No.  Truck No.  e listed above and delivered without  | Incident to the disposal facility listed below.  OAIL DRIVER'S SIGNATURE  RECEIVING ARE  Name/No.  | <i>B</i>   |
| EMERGENCY NON-OILFEILD: Emergency non determination a determination and determination a determination a determination and determination a determination and determination and determination and determination a determination and determin | as/were picked up at the Generator's situations sicknature  Marker 66 Carisbad, NM 88220   | been ordered by the Department of Property | Incident to the disposal facility listed below.  ARE  RECEIVING ARE  Name/No.  | <i>B</i>   |
| EMERGENCY NON-OILFEILD: Emergency non determination a determin | as/were picked up at the Generator's situatives per picked up at t | been ordered by the Department of Property | Incident to the disposal facility listed below.  AND PROVERS SIGNATURE  RECEIVING ARE  Name/No.  | <i>B</i>   |
| EMERGENCY NON-OILFEILD: Emergency non determination a determination and determination a determ | as/were picked up at the Generator's situatives per picked up at t | DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  Phone No.  Truck No.  Truck No.  Truck No.  Truck No.  If YES, was reading NO.   | Incident to the disposal facility listed below.  ARE  RECEIVING ARE  Name/No.  | <i>B</i>   |
| EMERGENCY NON-OILFEILD: Emergency non determination a determination and determination a determination a determination and determination a determination and determination and determination and determination a determination and determin | as/were picked up at the Generator's situatives per picked up at t | DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  Phone No.  Truck No.  Truck No.  Truck No.  Truck No.  PRINTERY  DELIVERY  DELIVERY  Phone No.  If YES, was reading NO.  | Incident to the disposal facility listed below.  OAUS: PROVERS SIGNATURE  RECEIVING ARE  Name/No.  575-393-1079  5> 50 micro roentgens? (circle one).  YES   | NATURE<br>EA   |
| EMERGENCY NON-OILFEILD: Emergency non determination a determination and determ | as/were picked up at the Generator's situative picked up  | DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  Phone No.  Truck No.  Truck No.  Truck No.  Truck No.  PRINTERY  DELIVERY  DELIVERY  Phone No.  If YES, was reading NO.  | Incident to the disposal facility listed below.  ANE DRIVER'S SIGNATURE  RECEIVING ARE  Name/No.  575-393-1079  (> 50 micro roentgens? (circle one) YES  | NATURE<br>EA   |
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| EMERGENCY NON-OJLFEILD: Emergency non determination a determin | as/were picked up at the Generator's situative picked up  | DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  Phone No.  Truck No.  Truck No.  Truck No.  Truck No.  PRINTERY  DELIVERY  Phone No.  If YES, was reading NO.  | Incident to the disposal facility listed below.  ANE DRIVER'S SIGNATURE  RECEIVING ARE  Name/No.  875-393-1079  8> 50 micro roentgens? (circle one) YES  N/BBIS Received BS&W.   | NATURE<br>EA   |
| EMERGENCY NON-OILFEILD: Emergency non determination a determin | as/were picked up at the Generator's site occupies Signature  P DISPO  Marker 66 Carlsbad, NM 88220  NO  Ipches  P YES  Inches   | DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  DELIVERY  Phone No.  Truck No.  Truck No.  Truck No.  Truck No.  PRINTERY  DELIVERY  Phone No.  If YES, was reading NO.  | Incident to the disposal facility listed below.  ANE DRIVER'S SIGNATURE  RECEIVING ARE  Name/No.  875-393-1079  8> 50 micro roentgens? (circle one) YES  N/BBIS Received BS&W.   | NATURE<br>EA   |
| ansporter's are didress.  THE NAME OF THE  | as/were picked up at the Generator's site occupies Signature  P DISPO  Marker 66 Carlsbad, NM 88220  NO  Ipches  P YES  Inches   | been ordered by the Department of Permany this form)  DATE  ANSPORTER  Driver's Name Print Name Phone No. Truck No. e listed above and delivered without  DELIVERY  Phone No.  If YES, was reading NO  IK BOTIGINS   | Incident to the disposal facility listed below.  ANE DRIVER'S SIGNATURE  RECEIVING ARE  Name/No.  875-393-1079  8> 50 micro roentgens? (circle one) YES  N/BBIS Received BS&W.   | NATURE<br>EA   |
| EMERGENCY NON-OILFEILD: Emergency non determination a determin | as/were picked up at the Generator's site occupies Signature  P DISPO  Marker 66 Carlsbad, NM 88220  NO  Ipches  P YES  Inches   | been ordered by the Department of Permany this form)  DATE  ANSPORTER  Driver's Name Print Name Phone No. Truck No. e listed above and delivered without  DELIVERY  Phone No.  If YES, was reading NO  IK BOTIGINS   | Incident to the disposal facility listed below.  ANE DRIVER'S SIGNATURE  RECEIVING ARE  Name/No.  875-393-1079  8> 50 micro roentgens? (circle one) YES  N/BBIS Received BS&W.   | NATURE<br>EA   |

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

|         |     |         | ruge   | 0/    | U |
|---------|-----|---------|--------|-------|---|
| Company | Man | Contaci | migrin | ation | ú |

| 369  |  |   |   |  | Phone                                | No.  |  |
|--|--|---|---|--|--------------------------------------|--|--|
|  |  | GENERAT   | OR  | 1  | NO.                                  |  | 238800                                       |
|  |  | a Live and the  | Permit/RRC No.  |  | - 10                                 |  | 4.0  |
| etor No.   | SET DES  |   | Lease/Well<br>Name & No.  |  | or Bear                              | / 大层   | CONTRACTOR OF                                |
| ators Name   |  | 40  | County  |  | 55/4/4                               | 6 372767   |  |
| ass  | TRACTOR A  |   | API No.   |  | 715                                  |  |  |
| State, Zip   |  |   | Rig Name & No.  |  |                                      |  |  |
| e No.  |  |   | AFE/PO No.  |  |                                      |  |  |
| EXEMPT LEP W   | astersen her Wenniger  |   | values sext to  | CHURCYABIA   | Carrels of GAR                       | NO VERIOSO   |  |
| Sased Muds<br>Sased Cuttings   | Washom Water (Non-In   |   |   | Washout V  | ater (injectable)                    |  |  |
| ter Based Muds<br>ter Based Cuttings   | Produced Water (Non-in   |   |   | Produced V   | Fluid/Flow back<br>Vaper (Injectable | ()   |  |
| duced Formation Solids   | Gathering Line Water/M   | Vaste (Non-Infectable)  |   |  | ine Water/Wast                       |  | Service Control                              |
| ik Bottoms P Contaminated Soil   | Truck Washout (exempt  | ( waste)  |   | The state of   |                                      | 193  |  |
| Plant Waste  | DRILLING   | COMPLETIC   | OM .  | PRODUCT  | ION                                  | [] GATH  | ERING LINES                                  |
| STE GENERATION PROCESS:  | 147 mat 27%  | WRTTSF Waster Startes   | denim carion and Pr   | n opin   |                                      |  |  |
| All non-e-man 623  | was to must be remarked a  | a se nation the threshold   | Lumis for howels !!   | 能性)。   | Conceivity an                        | of Reactivity.   |  |
| n-Exempt Other   |  | West of the second  | please select   | Horo Non-Exe   | npt Waste List                       | UIT DUEK   |  |
| ANTIFY   |  | ARRELS  | L-LIQUID  | i ika  | Y - YARDS                            |  | E - EACH                                     |
| reby certify that according to the Resource Cons   | envation and Recovery Act  | (RCRA) and the US Environ   | nmental Protection  | Agency's July 1  | 988 regulatory d                     | letermination, th  | ne above described was                       |
| 261.21-261.24, hazardous is at MSDS Informal   |  | as defined by 40 CFK, part<br>riate items as provided)<br>A Hazardous Waste Analys  | is [  | Other (Pro   | vide Description                     | Below)   |  |
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1st Gauge 2nd Gauge Received

I nereby certify that the above load material has been (circle one);

if denied, why?

C-138 White - R350 ORIGINAL Vellow - TRANSPORTER COPY PINK - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

R369

## NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST [PLEASE PRINT]

Company Man Contact Information

| =3000AP  |   | E VIOLENCE CONTRACTOR  |   | Phone No   | Company of the Compan |
|--|---|--|---|--|--|
|  |   | GENERATO   | OR  | NO. 5  | 18835  |
| erator No.   |   | Name of the  | Permit/RRC No.<br>Lease/Well  | #  |  |
| eraturs Name   | 965   |  | Name & No.  | los Solds, F.  | R507 2/11  |
| dress <u>1001, 1004</u>  | 3117  |  | County  | 2888 Y   | 1927520  |
| A District   | District States   | 130 TI   | API No.   |  | Marie  |
| y, State, Zip  | 13/1. 4391  |  | Rig Name & No.<br>AFE/PO No.  |  | STREET, THE CO   |
| one No.  |   |  |   | value type in pariels or cubic yards   |  |
| il Based Muds  | NORMALECTALE W  |  | DITTIES LICKE THE   | TINHERABIE WATERS  |  |
| il Based Cuttings<br>Fater Based Muds  | Washout Water (No   | ow base (Non-Injectable)   |   | Washout Water (Injectable)<br>Completion Fluid/Flow back (Injectal               | ole)   |
| /ater Based Guttings   | Produced Water (No  |  |   | Produced Water (Injectable) Sathering Line Water/Waste (Injecta                  | (ble)  |
| roduced Formation Solids 3   | INTERNAL USEDNE   |  |   | CONTENT DATE WITH THE WAY THE REPORT OF THE                                      |  |
| RP Contaminated Soil as Plant Waste  | Truck Washout (exe  | rept wasta)  |   |  |  |
| ASTE GENERATION PROCESS:   | DRILLING  | COMPLETION   |   | PRODUCTION   | GATHERING LINES  |
|  | NON   | Substitution VasionSmillsonie                                      | offication just Ann   | curt   |  |
|  | ESP was a trust be an ayar                                    | sed of below the threshold the                                     |   | Cit   Ignuability Larrisotty and Reactive<br>rom Non-Exempt Waste List on back   |  |
| on-Exempt Other  |   |  |   |  |  |
| UANTITY  |   | - BARRELS  | L-LIQUID  | Y-YARDS  | E - EACH   |
| nereby certify that according to the Resource  | Conservation and Recovery                                     | Act (RCRA) and the US Environm                                     | ental Protection A  | gency's July 1988 regulatory determina   | don, the above described wast  |
| ead is (Check the appropriate classification)  Oil field w   | astes generated from oil and                                  | gas exploration and production                                     | operations and ar   | re not mixed with non-exempt waste (R  | 360 Accepts certifications on a  |
| RCRA EXEMPT: load basis  | only)   |  |   |  |  |
| RCRA NON-EXEMPT: Oil field with  | iste which is non-hazardous                                   | that does not exceed the minim                                     | um standards for t  | waste hazardous by characteristics esta<br>mended. The following documentation o | blished in KCRA regulations, 40  |
| hazardous  | is attached. (Check the appr                                  | ropriate items as provided)  |   |  |  |
| MSDS Info  | rmation R   | CRA Hazardous Waste Analysis                                       |   | Other (Provide Description Below)  |  |
|  |   |  |   | And the second second second   | Say of any hypertons worth   |
| Emergency NON-OILFEILD: determina  | y non-hazradous, non-oilfeil<br>tion and a description of the | d waste that has been ordered by<br>waste must accompany this form | y the Department<br>n)  | of Public Safety (the order, documental  | ion or non-nazardous waste   |
| to to trullo   |   | 2.3  | DATE  | 5/GNA  | TURS   |
| CHINALL WILLHOOD TO WELL BY HOWE   |   | TRANSPOR   | CONTRACTOR OF STREET  |  | telling some contracts   |
| ansporter's  |   | INMINORON  | NAME OF THE OWNER, OF THE OWNER, OF THE OWNER, OF THE OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, | 50 C L   | A CALL STATE   |
| ame  |   |  | Driver's Name   | Warre Air  | 41/2 CD  |
| ddress   | eg  |  | Print Name<br>Phone No.   | - 377 95 8   | 479t   |
| hone No.   | 18 01 18  |  | Truck No.   | 93   |  |
| hereby certify that the above named material   | (s) was lawere nicked (in at the                              | ne Generator's site listed above a                                 |   | out incident to the disposal facility lister                                     | d below.   |
| nereny certify that the above harned material  | (a) was were proved up at a                                   |  |   | A NA   |  |
| SHIPMENT DATE  | D-LL/FR'S SIGNATURE   |  |   | VERY DATE  | DRIVER'S SIGNATURE   |
| TRUCK TIME STA   | AMP   | DISPOSAL FA  | CILITY  | RECEIVI  | NG AREA  |
| N:OUT;   |   |  |   | Name/No.   | 18, 4  |
| ite Name/<br>Halfway Facility / NM1-006  |   |  | Phone No.   | 575-393-1079   |  |
| Permit No. Hellway Facility / NM1-006 Address 6601 Hobbs Hwy US 62/180   | Mile Marker 66 Carlsbad, N                                    | M 88220  |   |  |  |
| NORM READINGS TAKEN? (Circ   |   | NO   | if YES, was read  | ding > 50 micro roentgens? (circle one)  | YES NO   |
| PASS THE PAINT FILTER TEST? (CITO  |   |  | NO  |  |  |
| s voice in all the   |   | TANK BOTT  | OIVIS   |  |  |
| Feet   | Inch  | es .   | B. 8  | IS&W/BBLS Received   | BS&W (%)   |
| st Gauge<br>ind Gauge  |   |  |   | Free Water   |  |
| Received   | KS ELECTION   |  |   | Total Received   |  |
| 1 Complete and the public of t | Allians has a foreign counts                                  | ACCEPTED DEVIED  | ir denied, wh   | v?   |  |
| I hereby certify that the above load materia   | n nas upen (circle one).                                      | Engla ica (ichita)   | - sanday Wil  |  |  |
| NAME (PROD)  | DATE  | -  | WAE   | SIGN   | ATURE  |
| (ranks fearer)   |   | State of the line  |   |  |  |
| C-139 White - R350 ORIG  | MAL Yellow - TRAI   | NSPORTER COPY Pink   | GENERATOR   | SITE COPY Gold - RETURN TO   | GENERATOR Version  |

R360 NEW MED

NEW MEXICO NEM-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

|      | Company Man Contact Informat | 10 |
|------|------------------------------|----|
| Name | fele realis                  |    |

|  | The second second second second second   | Phone No.  |
|--|--|--|
|  | GENERATOR  | No. 588827   |
| Operator No.   | Permit/RRC No. Léase/Well  |  |
| Operators Name   | Name & No.   | Mrs Salada led Canalles  |
| Address (A) CI CI CI CI CI CI  | County   | 2004   |
| ANTE CONTRACTOR  | API No.  | 30 015 76039   |
| ty, State, Zip   | Rig Name & No.   |  |
| hone No.   | AFE/PO No.   |  |
| BILE THE LAW. Waste / Service (Rev   | it Tradical and America (prace volume sext to w  |  |
| Dil Based Cuttings Washout Water   | (Non-In(ectable)   | Washout Water (injectable)   |
| Vater Based Muds Completion Huid<br>Vater Based Cuttings Roduced Water   | (Non-injectable)   | Completion Fluid/Flow back (Injectable) Produced Water (Injectable)  |
| roduced Formation Solids Gethering Line W  | Vater/Waste (Non-Injecyable)   | Gathering Line Water/Waste (Injectable)  |
| ank Bottoms  EP Contaminated Soil  Truck Washout /6  |  | OTHER EXEMPT WAS TEST by be delication to the rule of the roof will  |
| as Plant Waste  (ASTE GENERATION PROCESS: DRILLING   |  | I Commence and the second second   |
|  | COMPLETION   | PRODUCTION GATHERING LINES   |
| All onn execute \$8.0 wastern at \$6.0 and   | IN EXEMPT CON WasterService Identification and Amil<br>sec and better on the Threshold Mylictor textilly iff.  | ount   |
| on-Exempt Other  |  | om Non-Exempt Waste List on back   |
| UANTITY  | The second secon |  |
|  |  | Y-YARDS E-EACH   |
| ereby certify that according to the Resource Conservation and Recover<br>d is (Check the appropriate classification)   | A STATE OF THE PARTY OF THE PAR | 2  |
| 261.21-261.24, or listed hazardous w<br>hazardous is attached. (Check the ap   |  | Other (Provide Description Relays)   |
| hazardous is attached. (Check the ap  MSDS Information  EMERGENCY NON-OFFERID: Emergency non-hazardous, non-oilfe  | RCRA Hazardous Waste Analysis  | Other (Provide Description Below)  f Public Safety (the order, documentation of non-hazardous waste  |
| hazardous is attached. (Check the ap  MSDS Information  MSDS Information  EMERGENCY NON-OILFEILD: Emergency non-hazardous, non-oilfe determination and a desciption of the   | RCRA Hazardous Waste Analysis  |  |
| hazardous is attached. (Check the ap  MSDS Information  EMERGENCY NON-OHEFETTIS.  Emergency non-hazardous, non-oilfe   | RCRA Hazardous Waste Analysis  alld waste that has been ordered by the Department of the waste must accompany this form)   |  |
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| hazardous is attached. (Check the ap  MSDS Information  Emergency non-hazardous, non-oilfe determination and a desciption of th  PROPERTY SUPPLY ACRES ASSET  INSPORTED  EMERGENCY NON-OILFELD: Emergency non-hazardous, non-oilfe determination and a desciption of th  PROPERTY SUPPLY ACRES  TRUCK TIME STAMP  TRUCK TIME STAMP  TRUCK TIME STAMP  Mame/ mit No. Halfway Facility / NM1-006   | RCRA Hazardous Waste Analysis  all waste that has been ordered by the Department of the Waste must accompany this form)  DATE  TRANSPORTER  Driver's Name Print Name Phone No. Truck No.  the Generator's site listed above and delivered without DEPUGE  DISPOSAL FACILITY  Phone No.   | F Public Safety (the order, documentation of non-hazardous waste  SIGNATURE  It incident to the disposal facility listed below.  RYPATE DRIVER'S SIGNATURE  RECEIVING AREA   |
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| ASS THE PAINT FILTER TEST? (Circle One)  MSDS Information  Emergency non-hazradous, non-oilfe determination and a desciption of the determination and a desciption of the supporter's mee dress  SHENGER DATE  DRIVERS SIGNATURE  TRUCK TIME STAMP  OUT:  Name/ mit No. Halfway Facility / NM1-906  6601 Hobbs Hwy US 62/130 Mille Marker 66 Carisbad, N NORM READINGS TAXEN? (Circle One)  PASS THE PAINT FILTER TEST? (Circle One)  YES  | RCRA Hazardous Waste Analysis  aild waste that has been ordered by the Department of the waste must accompany this form)  DATE  TRANSPORTER  Driver's Name  Print Name  Phone No.  Truck No.  the Generator's site listed above and delivered without the Gene | F Public Safety (the order, documentation of non-hazardous waste  SIGNATURE  It incident to the disposal facility listed below.  RYDATE DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  575-393-1079   |
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| hazardous is attached. (Check the ap  MSDS Information  EMERGENCY NON-OILFESLD: Emergency non-hazradous, non-oilfe determination and a desciption of th  PRINTED RUTH-ROSTER MONTOS SAME  ansporter's une idress  one No. ereby certify that the above named material(s) was/were picked up at t  SHPMENT DATE  TRUCK TIME STAMP  OUT: e Name/ mit No. Halfway Facility / NM1-006  dress  6601 Hobbs Hwy US 62/120 Mile Marker 66 Carisbad, N  NORM READINGS TAKEN? (Circle One)  PASS THE PAINT FILTER TEST? (Circle One)  YES  | RCRA Hazardous Waste Analysis  aild waste that has been ordered by the Department of the waste must accompany this form)  DATE  TRANSPORTER  Driver's Name  Print Name  Phone No.  Truck No.  the Generator's site listed above and delivered without  DESPOSAL FACILITY  Phone No.  IM 88220  NO IF YES, was reading NO  TANK BOTIOMS  1858   | F Public Safety (the order, documentation of non-hazardous waste  SIGNATURE  It incident to the disposal facility listed below.  RYPATE DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  575-393-1079  Ing > 50 micro roentgens? (circle one)  W/BBLS Received Free Water  BSSW (%) |

| R36   | <i>b</i> -5 - 10   | NEW N  | MEXICO NON HAZARDOUS<br>(PLEASE P  |  |  | Company Mar<br>Name<br>Tone No. | Contact Informa |
|---|--|--|--|--|--|---------------------------------|-----------------|
|   |  |  | GENERA   | ATOR   | NC NC  | 200 (0.11) 9 (0.11)             | 16              |
| Operator No. Operators Na. Address  | Mayo a.A.  | # 955<br>Williams  | SIVI   | Permit/RRC No.<br>Lease/Well<br>Name & No.<br>County   | Cons Sala  | to feel to a                    | 25 (237)        |
| Ciry, State, Zip<br>Phone No.   | OVER S   | 286 43   | 73116  | API No. Rig Name & No. AFE/PO No.  | 7.1  | 715 - 544 W                     |                 |
| Oll Based Win   | EXAMPT   | &P Waste/Service III   | Amfigation and Amount (pla   | re volume new to:  |  | cubic yards)                    |                 |
| Oil Based Cut<br>Water Based<br>Water Based<br>Produced For<br>Tank Bottons<br>E&P Contains | dings<br>Muds<br>Cuthings<br>matten Solids<br>Pased Soli)  | Completion Fit<br>Produced Wate<br>Gathering Line<br>Transport Use | er (Non-Injectable)<br>did/Flow hack (Non-Injectable)<br>er (Non-Injectable)<br>Water/Weste (Non-Injectable) |  | Washout Water (Inject<br>Completion Fluid/Flow<br>Produced Water (Inject<br>Gathering Line Water/<br>OTHER EXEMPT WASH | back (injectable)<br>table)     | of the locality |
| Gas Plant Was<br>MASTE GEN  | ERATION PROCESS:   | DRILLING   | TT complete  | INO  | PRODUCTION   | GATHERING                       | CLINES          |
| 12.00   |  |  | PONELLAND USE WasterService  | Seatth selion and Air  | rawit  | The second second               | T CHIVES        |
| Von-Exempt O  |  | s E&P Waste myst be on   | alysidand be below the this thin   |  | 2493, Igintability Correspond<br>from Nan-Exempt Waste L   |                                 |                 |
| QUANTITY  | 17   |  | B - BARRELS  | L-LIQUID   | Y-YA   | RDS                             | E - EACH        |
|   | CONTRACT AND ADDRESS ASSESSMENT AND ADDRESS ASSESSMENT ASSESSMENT ADDRESS ASSESSMENT ADDRESS ASSESSMENT ADDRESS ASSESSMENT ADDRESS ASSESSMENT ADDRESS ASSESSMENT ADDRESS ASSESSMENT ADDRE | tion and a desciption of   | Ifeild waste that has been ordere<br>the waste must accompany this f   | d by the Department ( orm)   | or Public Safety (the order,   | documentation of non-ha         | zardous waste   |
|   | kees no toes   |  | TRANSPO  | RTER   | The Section  |                                 |                 |
| ansporter's<br>ame<br>ddress  | ACD U  | AK<br>DI   |  | Driver's Name Print Name Phone No.   | 13/3   | AKT.                            | 1867            |
| none No.  | that the above named material  | el viere france intelled the a                                     |  | Truck No.  |  |                                 | Sauto Age       |
|   | MENT DATE  |  | et the Generator's site listed abov  | 10-1   | 13 1 2 1 2   | facility listed below:          |                 |
| V:  | TRUCK TIME STA   | DRIVER'S SIGNATURE   | DISPOSAL F   | THE PARTY OF THE P | RYDATE RI  | ECEIVING AREA                   | IRE             |
| e Name/<br>rmit No.<br>idress   | Halfway Facility / NM1-006<br>6601 Hobbs Hwy US 62/180 t   | ille Marker 66 Carlsbad.   | NM 88220   | Phone No.  | 575-398-1079   |                                 |                 |
|   | NORM READINGS TAKEN? (Circles THE PAINT FILTER TEST? (Circles  | e One) YES   | NO NES   | If YES, was readi  | ng > 50 micro roentgens? (   | circle one) YES                 | NO              |
|   | Feet   | Inc  | TANK BOT   | TOMS   | 1-11-11-11   | COLUMN TO THE REAL PROPERTY.    |                 |
| t Gauge<br>d Gauge<br>ceived  |  |  |  | BS8  | W/BBLS Received Free Water Total Received  | BS8(W/96)                       | 1               |
| I hereby certi  | fly that the above load material   | has been (sircle one):   | ACCEPTED DENIED  | If denied, why?  |  |                                 |                 |
|   | NAME (PRINT)   | D)   | ATE  | TOLE   |  | SIGNATURE                       | -               |
| 138   | White - R360 ORIGIN  | AL Yellow - TRA  | INSPORTER CODY DIAM  | - GENEDATOR CE   | re coov eas no   | Hen to cenerate                 | n 0 4           |

| <b>7360</b>  |  |  | OUS OILFIELD WASTE<br>ISE PRINT)   | WHATELST   | Company Man Contact Info<br>Name  |
|--|--|--|--|--|---|
|  | 74   |  |  | Pho  | ne No. 4417/2   |
|  |  | GENE   | ERATOR   | No.  | 588825  |
| perator No.  | Now oil + 90   |  | Permit/RRC No<br>Lease/Well  | -  |   |
| dress  | Wow out 4 ge   | 802  | Name & No.<br>County   | Bres Sala  | La Let Com Kin a  |
| y, State, Zip  | lebone Cald Dr   | E 73/2   | API No.<br>Rig Name & No.  | 30   | 312 90080   |
|  |  | continue and and   | AFE/PO.No.   | 1111   |   |
| Based Muds Based Purtings ther Based Muds ter Based Guttings duced Formation Solids ik Buttoms   | Completion FI<br>Produced Wa<br>Gathering Line   | BEF WATERS<br>ter (Non-Injectable)<br>Inid/Flow Back (Non-Injectable)<br>ter (Non-Injectable)<br>is Water/Wasto (Non-Injectable)   | (e)  | Washout Water (Injectal<br>Completion Fluid/Flow b<br>Produced Water (Injectal<br>Gathering Line Water/W   | ole)<br>ack (Injectable)<br>b(e)<br>aste (mlectable)  |
| P Contaminated Soil  | Truck Washon   | f (exempt weste)   |  | Orden & Riviet Washes  | 1775 and constrained to goes of the eastern   |
| IS Plant Waste<br>ASTE GENERATION PROCE  | SS: DRILLING   | COME   | PLETION  | PRODUCTION   | GATHERING LINES   |
| -Exempt Other  | All don exempt 182 years must be a   | स्टर्डा इस वर्ष शास्त्रप्रमा (ICN)<br>वर्ष हारी सर्वाची इस one become  | esticle limits for rook by Tel   | ent<br>D, spillandly, Corrosivity<br>on Non-Exempt Waste Lis   |   |
| ANTITY   | 100/1200   | B - BARRELS  |  |  |   |
|  | the Resource Conservation and Rem  |  | L = LIQUID   | Y - YARI   | DS E - EACH  determination, the above described was   |
|  | hazardous is attached. (Check the  | is waste as defined by 40 CFR,   | , part 261, subpart D, as ame  | ended. The following docum   | nentation demonstrating the waste as ne   |
| EMERGENCY NON-OILFEILD   | hazardous is attached. (Check the MSDS Information   | is waste as defined by 40 CFR, pappropriate items as provide  RCRA Hazardous Waste Ai  silfelid waste that has been on   | , part 261, subpart D, as ams ed) nalysis  | ended. The following docum   | nentation demonstrating the waste as no<br>Below)<br>ocumentation of non-hazardous waste  |
| 12/21  | hazardous is attached. (Check the MSDS Information   | is waste as defined by 40 CFR,<br>appropriate items as provided<br>RCRA Hazardous Waste Ai<br>wilfeild waste that has been on<br>f the waste must accompany to   | , part 261, subpart D, as ams ed) nalysis  dered by the Department of this form)   | ended. The following docum   |   |
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Received by OCD: 4/14/2023 12:35:58 PM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Company Man Contact Infortation Name Phone No. GENERATOR NO Operator No. Permit/RRC No. Lease/Well Operators Name Name & No Address County API No. City, State, Zip Rig Name & No. Phone No. AFE/PO No. Oil Based Cuttings Washout Water (Non-injectable) Water Based Muds Completion Fluid/Flow back (Mon-Injectable) ompletion Fluid/Flow back (Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Water (Injectable) Produced Formation Solids Tank Bottoms E&P Contaminated Soil Fruck Washout (exempt waste) WASTE GENERATION PROCESS DRILLING PRODUCTION GATHERING LINES Non-Exempt Other \*please select from Non-Exempt Waste List on back QUANTITY B - BARRELS L-LIQUID Y - YARDS F - EACH 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 load is (Check the appropriate classification) Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on a per RCRA EXEMPT: Oll field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR RCRA NON-EXEMPT: 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as nonhazardous is attached. (Check the appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) Emergency non-hazradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste EMERGENCY NON-OILFEILD: determination and a desciption of the waste must accompany this form) TRANSPORTER Transporter's Driver's Name Name Address Print Name Phone No. Phone No. Truck No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DRIVER'S SIGNATUR DRIVER'S SIGNATURE TRUCK TIME STAMP RECEIVING AREA IN: OUT: Name/No. Site Name/ Halfway Facility / NM1-006 Phone New Permit No. 575-393-1079 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) If YES, was reading > 50 micro roentgens? (circle one) YES NO PASS THE PAINT FILTER TEST? (Circle One)

1st Gauge BS&W/BBLS Received Free Wate Received listened, why?

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

White - R350 ORIGINAL Yellow - TRANSPORTER COPY

Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR Version 1

NAME (PRINT)

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT) R360

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| on-Exempt Other  |  |   |  |   | *please selec  | t from Non-   | Exempt Waste Lis  | t on back  |                 |             |
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| ad is (Check the appropriate cla<br>RGRA EXEMPT:   | Oil field wastes ge<br>load basis only)  | 1   | il and gas exploration   | avesaed the mile  | imum standards fi  | or waste haz  | ardous by charact   | eristics establis  | hed in RCRA re  | ulations, 4 |
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| Sunther C  |  |  | (Interpolate territor)   |  | NamePhone No.  | Yes V  |
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| Actor Charles  | With Busients  |  | Lease/Well   | 10.  |  |  |
| Operators Name   | North Hard Tongs   |  | Name & No.   |  |  |  |
| MUIODA .   |  |  | County<br>API No.  |  | C CONTRACTOR   |  |
| Dity, State, Zip   |  | 354  | Rig Name & I   | in:  | Market Company   |  |
| hone No.   |  |  | AFE/PO No.   |  | STATE OF THE PARTY   | E  |
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| Vater Based Muds   |  | ater (Mon-Injectable)<br>Fluid/Flow back (Nor  |  | Washout Water (In<br>Completion Fluid/F  | ectable)<br>ow back (injectable)   |  |
| Vater Based Cuttings<br>Froduced Formation Solids  |  | ater (Non Injectable   |  | Produced Water (In   |  |  |
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| Sas Plant Waste  | Truex Washi  | out (exempt waste)   | K-U-A  |  |  | N. P. William  |
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| UANTITY  |  | B - BARRELS  | L-LIQUID   | у  | YARDŞ  | E-EACH   |
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Halfway Facility / NM1-006 Permit No. 575-393-1079 Address 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NM 88220 NORM READINGS TAKEN? (Circle One) If YES, was reading > 50 micro roentgens? (circle one) PASS THE PAINT FILTER TEST? (Gircle One) YES NO 1st

| bauge  | BS&W/BBLS Received  | BS&W (%) |
|--|---------------------|----------|
| Gauge  | Free Water          |          |
| lived  | Total Received      |          |
| hereby certify that the above load material has been lovely much | CONTA DESIGN MARKET |          |

SIGNATURE

White -R360 ORIGINAL YEROW TRANSPORTER COPY Pink - GENERATOR SITE COPY Gold - RETURN TO GENERATOR VERSION 1

2nd

C-138

| NEW | MEXICO | NON-HAZA | RDOUS OF  | LFIELD | WASTE | MANIFEST |
|-----|--------|----------|-----------|--------|-------|----------|
|     |        | 7PI      | FASE PRIM | VTV    |       |          |

Company Man Contact Information Name

| With Street Stre |  |  |
|--|--|--|
|  | GENERATOR  | No. 588835   |
| erator No.   | Permit/RRC No.   |  |
| rators Name  | Lease/Well<br>Name & No.   | Por Sulata to ason 2111  |
| ress ILAN - LA MATA  | County   | 7669   |
| Salar Griffied gold and  | AP(No.   | D = DM (1000)  |
| , State, Zip   | Rig Name & No.   |  |
| me No.   | AFE/PC No.   |  |
| EXEMPT ERM Muster/Service  | lettering - since and Amount place volume next to see  | rate type in barrets of public varies  |
|  | ALLE WATER   | TRINETABLE WATERS Washout Water (Injectable)   |
|  | ater (Non-Injectable) Fluid/Flow back (Non-Injectable)   | Completion Fluid/Flow back (Injectable)  |
|  | Vater (Non-Injectable)<br>Ine Water/Waste (Non-Injectable)   | Produced Water (Injectable) Gathering (ipe Water/Waste (Injectable)  |
| nk Bottoms (RV - Niles )   | ISE SINETY   | BOURK EXEMPTINEARIES for some removability as a distribution   |
| P Contaminated Soul Truck Washi<br>s Plant Waste   | out (exempt wasta)   | The second second second   |
| ASTE GENERATION PROCESS: DRILLING  | COMPLETION   | PRODUCTION GATHERING LINES   |
|  | WING FIRE IPT E IT Waster'S name destillation and Amer   | with the second  |
|  | appropriate the below the duraction limits for toxicity (75)   | pp://www.commonter.com/specifics/spe |
| n-Exempt Other   | please select [ro  |  |
| JANTITY  | B-BARRELS L-LIQUID   | Y - YARDS E - EACH   |
| RCRA NON-EXEMPT: Oil field waste which is non-ha   | izardous that uoes not exceed the minimum standards for in   |  |
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| 261.21-261.24, or listed hazard hazardous is attached. (Check in MSDS information)  EMERGENCY NON-OILFEILD: Emergency non-hazardous, no determination and a desciption determination and a desciption in the description in th | dous waste as defined by 40 CFR, part 261, subpart b, as an the appropriate items as provided)  RCRA Hazardous Waste Analysis  on-oilfeild waste that has been ordered by the Department on of the waste must accompany this form)  DATE  TRANSPORTER  Driver's Name  Prione No. Truck No.  Lup at the Generator's site listed above and delivered without the prione No. Truck No.  Lup at the Generator's site listed above and delivered without the prione No.  DISPOSAL FACILITY  Phone No.  (sbad, NM 88220  | Other (Provide Description Below)  Of Public Safety (the order, documentation of non-hazardous waste SIGNATURE  SIGNATURE  DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  S75-393-1079  |
| 261.21-261.24, or listed hazard hazardous is attached. (Check in MSDS information)  EMERGENCY NON-OILFEILD: Emergency non-hazardous, no determination and a desciption determination  | dous waste as defined by 40 CFR, part 261, subpart D, as an the appropriate items as provided)  RCRA Hazardous Waste Analysis  molifeild waste that has been ordered by the Department on of the waste must accompany this form)  DATE  TRANSPORTER  Driver's Name Prione No. Truck No.  Lup at the Generator's site listed above and delivered without the Generator's site l | Other (Provide Description Below)  Of Public Safety (the order, documentation of non-hazardous waste SIGNATURE  SIGNATURE  DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  S75-393-1079  |
| 261.21-261.24, or listed hazard hazardous is attached. (Check in MSDS information)  EMERGENCY NON-OILFEILD: Emergency non-hazardous, no determination and a desciption determination and desciption determination determination determination determination determination determination determination determination de | dous waste as defined by 40 CFR, part 261, subpart B, as an the appropriate items as provided)  RCRA Hazardous Waste Analysis  Inches  RCRA Hazardous Waste Analysis  RCRA Hazardous Waste Analysis  Inches  Inche | Other (Provide Description Below)  Of Public Safety (the order, documentation of non-hazardous waste SIGNATURE  SIGNATURE  DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  \$75-393-1079   |
| 261.21-261.24, or listed hazard hazardous is attached. (Check in MSDS information)  EMERGENCY NON-OILFEILD: Emergency non-hazardous, no determination and a desciption determination determination determination determination determination determination determination determination  | dous waste as defined by 40 CFR, part 261, subpart B, as an the appropriate items as provided)  RCRA Hazardous Waste Analysis  Inches  RCRA Hazardous Waste Analysis  RCRA Hazardous Waste Analysis  Inches  Inche | Other (Provide Description Below)  Of Public Safety (the order, documentation of non-hazardous waste SIGNATURE  SIGNATURE  DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  S75-393-1079  |
| 261.21-261.24, or listed hazard hazardous is attached. (Check in MSDS Information)  EMERGENCY NON-OILFEILD: Emergency non-hazradous, no determination and a desciption determination determination and a desciption determination and a desciption deter | dous waste as defined by 40 CFR, part 261, subpart B, as an the appropriate items as provided)  RCRA Hazardous Waste Analysis  Inches  RCRA Hazardous Waste Analysis  RCRA Hazardous Waste Analysis  Inches  Inche | Other (Provide Description Below)  Of Public Safety (the order, documentation of non-hazardous waste SIGNATURE  SIGNATURE  DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  \$75-393-1079  Signature  RESERVING AREA  Name/No.  S75-393-1079  |
| 261.21-261.24, or listed hazard hazardous is attached. (Check in MSDS Information)  EMERGENCY NON-OILFEILD: Emergency non-hazradous, no determination and a desciption determination determination and a desciption determination and a desciption deter | dous waste as defined by 40 CFR, part 261, subpart D, as any the appropriate items as provided)  RCRA Hazardous Waste Analysis  Incollected waste that has been ordered by the Department on of the waste must accompany this form)  DATE  TRANSPORTER  Driver's Name  Print Name Phone No. Truck No.  Lup at the Generator's site listed above and delivered without a carry the carry of the | Other (Provide Description Below)  of Public Safety (the order, documentation of non-hazardous waste SIGNATURE  SIGNATURE  SIGNATURE  DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  \$75-393-1079  Sign > 50 micro roentgens? (circle one)  Free Water  Total Received  BS&W.(%)   |
| 261.21-261.24, or listed hazard hazardous is attached. (Check in MSDS Information)  EMERGENCY NON-OILFEILD: Emergency non-hazradous, no determination and a desciption determination determination and a desciption determination and a desciption deter | dous waste as defined by 40 CFR, part 261, subpart D, as any the appropriate items as provided)  RCRA Hazardous Waste Analysis  Incollected waste that has been ordered by the Department on of the waste must accompany this form)  DATE  TRANSPORTER  Driver's Name  Print Name Phone No. Truck No.  Lup at the Generator's site listed above and delivered without a carry the carry of the | Other (Provide Description Below)  of Public Safety (the order, documentation of non-hazardous waste SIGNATURE  SIGNATURE  SIGNATURE  DRIVER'S SIGNATURE  RECEIVING AREA  Name/No.  \$75-393-1079  Sign > 50 micro roentgens? (circle one)  Free Water  Total Received  BS&W.(%)   |

Company Man Contact Information

| d by OCD: 4/14/2023 12:35:58 PM |                                      |
|---------------------------------|--------------------------------------|
| RSEP                            | NEW MEXICO NON-HAZARDOU.<br>(PLEASE) |
|                                 | GENER/                               |

| MEW | MEXICO | NON-HAZARDOUS OILFIELD WASTE MANIFEST |  |
|-----|--------|---------------------------------------|--|
|     |        | (PLEASE PRINT)                        |  |

| Nicker C   |   | PLEAS   | E PRINT)   | Name  |
|--|---|---|--|---|
|  |   | GENEI   | RATOR  | Phone NoNO.   |
| perator No.  perators Name  ddress   | £ 945<br>£ 945  | SIV.J   | Permit/RBC No.<br>Lease/Well<br>Name & No.<br>County<br>API No.    |   |
| ity, State, Zip  | 18 4 929  | 23116   | Rig Name & No.<br>AFE/PO No.                                       |   |
| EXEMPT<br>il Based Muds  | ESP Waste/Service Visit   |   | alace volume next to   | wasts tyde in oarrek er dahle vords)<br>Intercoste wateks   |
| Oil Based Cuttings Vater Based Muds Vater Based Cuttings Fruduced Formation Solids apt. Bottoms &P. Contaminated Soil as Plant Waste | Washout Water<br>Completion Fluid<br>Produced Water   | (Non-Injectable)<br>/Flow back (Non-Injectable)<br>(Non-Injectable)<br>/acer/Whate (Non-Injectable                      |  | Washout Water (Injectable) Completion Fluid/Flow back (Injectable) Produced Water (Injectable) Gothering Line Water/Waste (Injectable) FOR EXEMITY WASTES (Injectable)  |
| VASTE GENERATION PROCESS:  | DRILLING  | COMPL   | ETION  | PRODUCTION GATHERING LINES  |
| Ad Hon Lien<br>on-Exempt Other   | Miles (SI western date and  | IN EXEMPTERS Wasterselve<br>yees and be used the the  | hold it into for text city of                                      | mount (C. 1)   Igna scripty Country by the Rosethifty. from Non-Exempt Waste List on back   |
| QUANTITY   |   | B - BARRELS   | L-LIQUID   | Y-YARDS E-EACH  |
| load basi RCRA NON-EXEMPT: Oil field v 261.21-2 hazardou MSDS Inf  | s only) waste which is non-hazardo 61.24, or listed hazardous v is is attached. (Check the ap cormation | us that does not exceed the<br>vaste as defined by 40 CFR, i<br>propriate items as provided<br>RCRA Hazardous Waste Ans | minimum standards for<br>part 261, subpart D, as ar<br>)<br>plysis | re not mixed with non-exempt waste (R360 Accepts certifications on a waste hazardous by characteristics established in RCRA regulations, 4 mended. The following documentation demonstrating the waste as no Other (Provide Description Below)  of Public Safety (the order, documentation of non-hazardous waste |
| EMERGENCY NON-OILFEILD: determin   | ation and a desciption of th  | e waste must accompany th   | is form)   |   |
|  |   | TRANSP  | ORTER  | SIGNATURE   |
| ansporter's me   | K   |   | Driver's Name  | KAFHEL  |
| one No.  | 180   |   | Print Name<br>Phone No.<br>Truck No.                               | 726 2 63 666 7  |
| 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7  | l(s) was/were picked up at l  | the Generator's site listed at  | ove and delivered witho  | out incident to the disposal facility listed below.   |
| TRUCK TIME CT  | DELVER'S SIGNATURE  | Disposal  | NAME OF TAXABLE PARTY OF TAXABLE PARTY.                            | PER DATE DRIVER'S SIGNATURE   |
| TRUCK TIME STA   | AWIF  | DISPOSAL  | PAGILITY   | RECEIVING AREA Name/No.   |
| e Name/<br>mit No. Halfway Facility / NM1-006  |   |   | Phone No.  | 575-398-1079  |
| dress 6601 Hobbs Hwy US 62/180<br>NORM READINGS TAKEN? (Circ   | le One) YES   | NO  | If YES, was read   | ing > 50 micro roentgens? (circle one) YES NO   |
| PASS THE PAINT PILTER TEST? (Circ  | le One) YE  | TANK BO   | TIONS  | Total   |
| Gauge<br>I Gauge<br>Byked  | inch  | The second second   |  | RW/BBLS Received BSBW (%) Free Water Total Received   |
| hereby certify that the above load materia   | i has been (circle one):  | ACCEPTED DENIE  | 1) If denied, why  |   |
| NAME (PRINT)   | DAG.  |   | Title  | SIGNATURE   |

| R36  | 5. 20  | NEW M                             | EXICO NON HAZARDI<br>(PLEA  | OUS OILFIELD WASTE<br>SE PRINT)                      |  | Company Man Contact Informa<br>Name<br>ne No.   |
|--|--|-----------------------------------|---|--|--|---|
| 11 2 3   |  |                                   | GENE  | RATOR  | NO.  | 588828  |
| Operator No<br>Operators N<br>Address                                    | lame MAUO CA   | 215                               | isty I  | Permit/RRC No.<br>Lesse/Well<br>Name & No.<br>County | Corn Schol   | fully thes 2315   |
| City, State, 2<br>Phone No.  | 1968. a  | 71 0E<br>276 - 43                 | 7,5116  | API No.<br>Rig Name & No.<br>APE/PO No               |  | 4   |
| Oil Based Ivi.   | Linds.   | MOM APPEARED                      | attice for and Amount   | (place rolume next to                                | vaste type in barrels or co  | ME VS(IS)   |
| Oil Based Cu<br>Water Based<br>Water Based<br>Produced Fo<br>Tank Bottom | d Muds<br>d Cuttings<br>promotion Solids   | Completion Flui<br>Produced Water | (Non-Injectable)<br>d/Flow track (Non-Injectable<br>(Non-Injectable)<br>Nation/Weste (Non-Injectable)               |  | Washout Water (Injectati<br>Completion Fluid/Flow ba<br>Produced Water (Injectati<br>Gathering Line Water/Wa | ck (Injectable)<br>(e)<br>ste (Injectable)  |
| F&P Contam<br>Gas Plant W.   |  | Truck Washout                     |   |  | ISTRUCTURE INCOME.   | We significant and property of physical states  |
|  | NERATION PROCESS:  | DRILLING                          | COMP  | LETION   | PRODUCTION   | GATHERING LINES   |
| lon-Exempt   |  | N<br>Ew/ waste must be ana        | ONE OF THE PARTY WAS EASY OF THE STATE  | sticle items has tooliste it                         | outil<br>LEL lan tability Corrosivity<br>rom Non-Exempt Waste List   |   |
| QUANTITY   | 100077   |                                   | B - BARRELS   | L-LIQUID   | Y - YARD   |   |
|  | MSDS Infor   | s attached. (Check the a          | ppropriate items as provide<br>RCRA Hazardous Waste Ar<br>eild waste that has been on<br>the waste must accompany t | d) ralysis  fered by the Department of               | Other (Provide Description   | entation demonstrating the waste as non-<br>Below)  cumentation of non-hazardous waste  SIGNATURE |
| none Na.   | THY K  |                                   |   | Phone No.  |  |   |
| Miller   | fy that the above named material(s  IPMENT DATE  TRUCK TIME STAT  OUT:                           | DRIVER'S SIGNATURE                | the Generator's site listed a   | DELIVE   | RY DATE  | ORIVER'S SIGNATURE  CEIVING AREA  |
| e Name/<br>rmit No.<br>idress  | Halfway Facility / NM1-006   |                                   |   | Phone No.  | 575-393-1079   |   |
|  | 6601 Hobbs Hwy US 62/180 M<br>NORM READINGS TAKEN? (Circle<br>USS THE PAINT FILTER TEST? (Circle | One) YES                          | is<br>No  | NO   | g > 50 micro roentgens? (cin   | cle one) YES NO   |
| Cana   | Fact   | Tech                              | TANKBO  | PHOMS  |  |   |
| t Gauge<br>od Gauge<br>ecelved   |  |                                   |   | B\$8   | W/BBLS Received Free Water Total Received  | BS&W (%)  |
| I hereby cer   | rtify that the above load material h   | s been (tircle one):              | ACCEPTED DENI   | ED If denied, why?                                   |  |   |
|  | NAME (ERIVI)   | EAT                               |   | 11/08  |  | SIGNATORE   |
| 138  | White - RSAN ORIGINA   | Mallow That                       | ICPORTED CON  |  |  |   |

| 39111 |
|-------|
|       |
|       |

NEW MEXICO MON-HAZARDOUS GILFIELD WASTE MANIFEST (PLEASE PRINT)

|      | Company Man | Contact Information |
|------|-------------|---------------------|
| Name | Mate        | 144 16              |

| Sollinary  | at.  |  |                      | 1 3 3  | 100        | Phone No.  |
|--|--|--|----------------------|--|------------|--|
|  |  |  | GENERAT              | OR   |            | No. 588825   |
| Operator No.   |  |  |                      | Permit/RRC   |            | 0000   |
| Operators Name   | x 011 + 1  | 955  |                      | Lease/Well<br>Name & No  |            | Com Schola Led Kom Dear  |
| Address  | - mily   | PING   |                      | County   |            |  |
|  | -  | A TOWN TO                                      |                      | API No.  |            | 30 015 46087   |
| City, State, Zip   | The Court of the C | OF THE   |                      | Rig Name &   | No.        |  |
| Phone No.  | 14 - 17 271  |  |                      | AFE/PO No.   |            | 147  |
| Oil-Based Woods  | or ESP Washi/Service   | e Identification and                           | Amount (page v       | olume next   | TO Wo      | oste type in barrels or ratio yeaps)   |
| Oil Based Cuttings   | Washout V  | Vater (Non-rijecieble                          |                      | THE REAL PROPERTY.   |            | WebCT-Buf (MCTER) Washout Water (Injectable)   |
| Water Based Outlings   |  | n Fiuld/Flow back (No<br>Water (Non-Injectable |                      |  |            | Completion Fluid/Flow back (Injectable) Produced Water (Injectable)  |
| Produced Formation Solids  Tank Bottoms  | Gathering  | Line Water/Waste (No                           | ar-Injectanie)       |  |            | Gathering Line Water/Waste (injectable)  |
| E&P Contaminated Soil  | Truck Was  | hout (exempt waste)                            |                      |  |            | TO THERE IS EXPLICITED THE TEST INVESTMENT CONTINUES OF THE LESS IN  |
| Gas Plant Waste WASTE GENERATION PROCESS:  |  |  |                      |  |            |  |
| WASTE BENERATION PROCESS:  | DRILLING   |  | COMPLETION           |  | -          | PRODUCTION GATHERING LINES   |
| Allowing   | emir EValvakos masele  | NOR EXEMPTENT                                  | - lease /Sergi - Ide | Structure des  | Areon      | nor<br>Pj. Spritonisk, Cornsyloy and Reactivity  |
| Von-Exempt Other   | Terminal I   |  | on resonant in the   |  |            | m Non-Exempt Waste List on back  |
| QUANTITY   | 12   | B - BARRELS                                    |                      |  |            |  |
| hereby certify that according to the Reso  | urre Conservation and 9  |  | ad the UC Forterior  | L-LIQUID   |            | Y - YARDS E - EACH   |
| oad is (Check the appropriate classificatio  | n)   | receivery Accineray a                          | id the D5 Environme  | ental Protecti   | on Age     | ency's July 1988 regulatory determination, the above described to  |
| RCRA EXEMPT; Oil fie   | ld wastes generated from   | m oil and gas explorat                         | on and production of | perations an   | d are n    | not mixed with non-exempt waste (R360 Accepts certifications of  |
|  | aasis only)<br>Id waste which is non-ha  | avardous that does no                          | t avanad the minimum | na aka malamala  | rauvoies   | ste hazardous by characteristics established in RCRA regulations   |
| 201,2  | 1-201.24, or listed hazard   | dous waste as defined                          | by 40 CFR, part 261  | , subpart D, a   | is amer    | iste nazardous by characteristics established in RCRA regulations<br>inded. The following documentation demonstrating the waste as   |
| nazan  | dous is attached. (Check   | the appropriate items                          | as provided)         |  |            |  |
| LIWISUS  | Information  | KCRA Hazardou                                  | is Waste Analysis    |  | 1          | Other (Provide Description Below)  |
| PARTI AUTHOR: 150 HISTORY  | nination and a desciption  |  | 4-1                  | ĀTE  | _          | SIGNATURE  |
| ransporter's   | 11 11 1  | 1  |                      |  | 1          |  |
| ame<br>ddress  | THE JOS  | LOCKE  |                      | Driver's Name  | e _        | CAMBAL MO MERCON   |
| udress   | 37   |  |                      | Print Name   |            |  |
| none No.   | 7 33 13  | _  | -                    | Phone No.<br>Truck No.   | -          |  |
|  | rial(s) was/were nicked  | un at the Generator's                          |                      |  |            | incident to the disposal facility listed below.  |
|  | State when   | mp 40 412, 00, 12, 000, 3                      | and nated above and  | r denvereu wi  | RHOUL      | arcident to the disposal facility listed below.  |
| SHIPMENT DATE  | URDER'S SIGNA  | TURE   |                      | ħ  | ELIVERY (  | DATE DRIVER'S SIGNATURE  |
| TRUCK TIME S   |  | DISP   | OSAL FAC             | HLITY  |            | RECEIVING AREA   |
| N:OUT  |  |  |                      |  |            | Name/No.   |
| te Name/<br>ermit No. Halfway Facility / NM1-00  | 06   |  |                      | hone No.   |            | # 202 doze   |
| Idress 0601 Hobbs Hwy US 62/1  |  | bad, NM 88220                                  |                      |  | -          | 75-393-1079  |
| NORM READINGS TAKEN? (G  |  | NO   | Philips .            | If YES was re  | ading      | > 50 micro roentgens? (circle one) YES tur   |
| PASS THE PAIN'S FILTER TEST? (6  |  | YES  | N                    |  | - wentig s | > 50 micro roentgens? (circle one) YES NC  |
| LANGE TO THE REAL PROPERTY OF THE PARTY OF T | Links  | TAI  | WK BOTTO             | MS   | 1          |  |
| Feet Feet  |  | Inches   |                      |  | 8          |  |
| d Gauge  |  |  |                      |  | BS&W       | (/BBLS Received BS&W (%)   |
| ceived   | -01-1  |  |                      | le de la constante de la const |            | Total Received   |
| I heroby certify that the above load mate  | rial has have (classes and   | Appropriate                                    | nevies               | 12   |            |  |
| the many the marketone make  | marine marin (circle one)  | ACCUPIED                                       | DENIED               | If denled, w   | ny:        | ( Table 19 and 1 |
| NAME (BRITT)   | to the state of  |  |                      |  | Ail.       |  |
|  |  |  |                      |  |            | SIGNATURE  |
| 138 White-RS60 ORK   | SINAL Yellow-1   | TRANSPORTER CO                                 | DPY Pink - GI        | NERATOR  | SITE       | CORY Gold - RETHERN TO GUNESATOR MAN   |

NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST (PLEASE PRINT)

OUS OILFIELD WASTE MANIFEST Company Man Contact Infortation
SE PRINT! Name

|  |   | Phone No.  |
|--|---|--|
|  | GENERATOR   | No. 58888  |
| Operator No.   | Permit/RRC No.  |  |
| Operators Name   | bease/Well Name & No.   | them to be follow the same   |
| Address  | County  | Name of the Control o |
| 50(1) SGA  | APLNO.  | A DE ROSE DE LA SERVICIO DE  |
| lity. State, Zip   | Rig Name & No.  |  |
| Phone No.  | AFE/PC No.  |  |
| EXEMPT E&P Vestic/Service Ich  | entification and Ampuni (place volume next to v   | vote (vne ii barrels or (illie varis)  |
| Still based Wildos   | USWATERS I  | MHEC ASIE WATERS   |
| The state of the s | F (Non-Injectable)<br>ild/Flow back (Non-Injectable)  | Washout Water (Injectable) Completion Fluid/Flow back (Injectable)   |
| vater Based Crittings Produced Water   | er (Non Injectable)   | Produced Water (Injectable)  |
| roduced Formation Solids Gathering Line ank Bottoms TNDSR/ALTISE   | Water/Waste (Non-Injectable)  | Gathering (ine Water/Waste (Injectable)  |
| RP Contaminated Soil Truck Washout   | (exempt waste)  | 191 (ER EVENMET IN ASTES) (Size and government introduction of the white)  |
| ASTE GENERATION PROCESS: DRILLING  |   | The second secon |
| De la serie de la  | COMPLETION [  | PRODUCTION GATHERING LINES   |
| All non-exempt dSP wasts must be an  | TON-EXTRACT DES Wisco/Service (Jerothumpen out from<br>Ensert and be below the threshold thates for codety /to              | conti<br>LPT (gettability, Corresivity and Report/agr.)  |
| th-Exempt Other  |   | om Non-Exempt Waste List on back   |
| ANTITY   | B - BARRELS L - LIQUID  | Y - YARDS E - FACH   |
| ereby certify that according to the Resource Conservation and Recov  | erv Act (RCRA) and the US Environmental Protection As   | gency's July 1988 regulatory determination, the above described was  |
| a to teneda tite abbi obitate ciassificationi  |   |  |
| RCRA EXEMPT: load basis only)  | and gas exploration and production operations and are   | not mixed with non-exempt waste (R360 Accepts certifications on a  |
| RCRA NON-EXEMPT: Oil field waste which is non-hazard   | ous that does not exceed the minimum standards for w  | raste hazardous by characteristics established in RCRA regulations, 40   |
| 261.21-261.24, or listed hazardous   | waste as defined by 40 CFR, part 261, subpart D, as am  | ended. The following documentation demonstrating the waste as no   |
| hazardous is attached. (Check the a  | appropriate items as provided)  |  |
| MSDS Information   | RCRA Hazardous Waste Analysis   | Other (Provide Description Below)  |
| (REDIT) NOT THE REFERENCE WHEN ENDING  | DATE  | S/GNATURE:   |
| and the second s | TRANSPORTER   |  |
| nsporter's<br>me   | Driver's Name   | Resalt Landelper   |
| Iress  | Print Name  |  |
|  | Phone No.   |  |
| ne No.   | THORCTEO.   | The state of the s |
|  | Truck No.   | 10127537347  |
| reby certify that the above named material(s) was/were picked up at  | Truck No.  the Generator's site listed above and delivered withou   | f intident to the disposal facility ties of balance  |
|  |   | t incident to the disposal facility listed below.  |
| SHIPMENT DATE DRIVER'S SIGNATURE   | t the Generator's site listed above and delivered without   | Y DATE DRIVER'S SIGNATURE  |
| SHIPMENT DATE DRIVERS SIGNATURE TRUCK TIME STAMP   | t the Generator's site listed above and delivered withou  |  |
| SHIPMENT DATE DRIVER'S SIGNATURE TRUCK TIME STAMP OUT:   | t the Generator's site listed above and delivered without   | Y DATE DRIVER'S SIGNATURE  |
| TRUCK TIME STAMP  OUT:  Name/  | the Generator's site listed above and delivered without prives DISPOSAL FACILITY  | RECEIVING AREA Name/No.  |
| TRUCK TIME STAMP  OUT:  Name/ nit No. Halfway Facility / NM1-006   | DISPOSAL FACILITY  Phone No.  | PY DATE DRIVER'S SIGNATURE RECEIVING AREA  |
| TRUCK TIME STAMP OUT:  Name/ nit No. Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad,  | DISPOSAL FACILITY  Phone No.  | RECEIVING AREA Name/No. 575-393-1079   |
| TRUCK TIME STAMP OUT:  Name/ Init No.  Halfway Facility / NM1-006  G601 Hobbs Hwy US 62/180 Mile Market 66 Carlsbad, NORM READINGS TAKEN? (Circle One) YES   | DISPOSAL FACILITY  Phone No.  | RECEIVING AREA Name/No.  |
| TRUCK TIME STAMP OUT:  Name/ Init No.  Halfway Facility / NM1-006  G601 Hobbs Hwy US 62/180 Mile Market 66 Carlsbad, NORM READINGS TAKEN? (Circle One) YES   | DISPOSAL FACILITY  Phone No.  NO If YES, was reading  | RECEIVING AREA Name/No. 575-393-1079   |
| TRUCK TIME STAMP  OUT:  Name/ nit No. Halfway Facility / NM1-006  G601 Hobbs Hwy US 62/180 Mile Market 66 Carlsbad, NORM READINGS TAKEN? (Circle One)  PASS THE PAINT FILTER TEST? (Circle One)  Feet  | DISPOSAL FACILITY  Phone No.  NIM 88220  NO ITYES, was readin. NO TANK BOTTOMS  | RECEIVING AREA Name/No.  575-393-1079 g > 50 micro roentgens? (circle one)  YES  NO  |
| TRUCK TIME STAMP  COUT:  Name/ nit No. ress G601 Hobbs Hwy US 62/180 Mile Market 66 Carlsbad, NORM READINGS TAKEN? (Grole One) PASS THE PAINT FIETER TEST? (Circle One)  Feet  Feet  Feet  Feet  | DISPOSAL FACILITY  Phone No.  NIM 88220  NO ITYES, was readin. NO TANK BOTTOMS  | RECEIVING AREA Name/No.  975-393-1079  g > 50 micro roentgens? (circle one) YES NO   |
| TRUCK TIME STAMP  COUT:  Name/ nit No. ress G601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NORM READINGS TAKEN? (Circle One) PASS THE PAINT FIETER TEST? (Circle One)  Feet  Feet Gauge Gauge Gauge   | DISPOSAL FACILITY  Phone No.  NIM 88220  NO ITYES, was readin. NO TANK BOTTOMS  | RECEIVING AREA Name/No.  575-393-1079  g > 50 micro roentgens? (circle one) YES NO  W/BBLS Received BS&W (%) Free Water  |
| TRUCK TIME STAMP  OUT:  Name/ nit No. Halfway Facility / NM1-006  ress 0601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NORM READINGS TAKEN? (Circle One) yes PASS THE PAINT FILTER TEST? (Circle One) yes  Feet Inc.  Sauge Gauge ived   | DISPOSAL FACILITY  Phone No.  NM 88220  NO If YES, was readin No.  TANK BOTTOMS  1888                                       | RECEIVING AREA Name/No.  975-393-1079  g > 50 micro roentgens? (circle one) YES NO   |
| TRUCK TIME STAMP  COUT:  Name/ nit No.  Halfway Facility / NM1-006  G601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NORM READINGS TAKEN? (Circle One)  PASS THE PAINT FILTER TEST? (Circle One)  Feet  Feet  Gauge Gauge fived   | DISPOSAL FACILITY  Phone No.  NIVI 88220  NO ITYES, Was readin. NO TANK BOTTOMS   | RECEIVING AREA Name/No.  575-393-1079  g > 50 micro roentgens? (circle one) YES NO  W/BBLS Received BS&W (%) Free Water  |
| TRUCK TIME STAMP  COUT:  Name/ mit No. Halfway Facility / NM1-006 lress 6601 Hobbs Hwy US 62/180 Mile Market 66 Carlsbad, NORM READINGS TAKEN? (Circle One) YES PASS THE PAINT FILTER TEST? (Circle One)  Feet 50  Gauge Gauge gived hereby certify that the above load material has been (circle one);  | DISPOSAL FACILITY  Phone No.  NIVI 88220  NO ITYES, was readin.  NO TANK BOTTOMS  BS81  ACCEPTED DENIED It depied, why?     | RECEIVING AREA Name/No.  575-393-1079  g > 50 micro roentgens? (circle one) YES NO  W/BBLS Received BS&W (%) Free Water Total Received   |
| TRUCK TIME STAMP OUT:  e Name/ rmit No. Halfway Facility / NM1-006 dress 6601 Hobbs Hwy US 62/180 Mile Marker 66 Carlsbad, NORM READINGS TAKEN? (Circle One) YES PASS THE PAINT FILTER TEST? (Circle One) Y  Gauge Feet Inc.  Feet Inc.  Hereby cerbify that the above load material has been (circle one).  | DISPOSAL FACILITY  Phone No.  NM 88220  NO If YES, was readin.  NO TANK BOTTOMS  Pass BS81  ACCEPTED DENIED If denied, why? | RECEIVING AREA Name/No.  575-393-1079  g > 50 micro roentgens? (circle one) YES NO  W/BBLS Received BS&W (%) Free Water  |



**APPENDIX E** Laboratory Analytical Data Reports



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

January 11, 2023

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO PAD A RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/10/23 16:28.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

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

Fax To:

Received: 01/10/2023 Sampling Date: 01/10/2023 Reported: 01/11/2023 Sampling Type: Soil

Project Name: **NOVO PAD A RELEASE** Sampling Condition: Cool & Intact Project Number: NVONM2205/001 Sample Received By: Shalyn Rodriguez

A ... - I. ... - - I D. ... 311 /

Project Location: LOVING NM

# Sample ID: PA - 1 (1-1.5) (H230124-01)

| BTEX 8021B                           | mg,    | 'kg             | Analyze         | d By: JH/    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.97 | 98.5       | 2.00          | 11.8 |           |
| Toluene*                             | 0.076  | 0.050           | 01/11/2023      | ND           | 2.02 | 101        | 2.00          | 10.6 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/11/2023      | ND           | 2.03 | 102        | 2.00          | 10.5 |           |
| Total Xylenes*                       | 1.58   | 0.150           | 01/11/2023      | ND           | 6.17 | 103        | 6.00          | 10.1 |           |
| Total BTEX                           | 1.65   | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9  | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | 'kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 224    | 16.0            | 01/11/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 132    | 10.0            | 01/11/2023      | ND           | 193  | 96.6       | 200           | 6.62 |           |
| DRO >C10-C28*                        | 1290   | 10.0            | 01/11/2023      | ND           | 185  | 92.6       | 200           | 7.76 |           |
| EXT DRO >C28-C36                     | 138    | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.5   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.4   | % 49.1-14       | 8               |              |      |            |               |      |           |

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/10/2023

Reported: 01/11/2023 Sampling Type: Soil

Project Name: **NOVO PAD A RELEASE** Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2205/001 Shalyn Rodriguez

Project Location: LOVING NM

# Sample ID: PA - 2 (1-1.5) (H230124-02)

| BTEX 8021B                           | mg,    | /kg             | Analyze         | d By: JH/    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.97 | 98.5       | 2.00          | 11.8 |           |
| Toluene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 2.02 | 101        | 2.00          | 10.6 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/11/2023      | ND           | 2.03 | 102        | 2.00          | 10.5 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/11/2023      | ND           | 6.17 | 103        | 6.00          | 10.1 |           |
| Total BTEX                           | <0.300 | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 304    | 16.0            | 01/11/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 18.6   | 10.0            | 01/11/2023      | ND           | 193  | 96.6       | 200           | 6.62 |           |
| DRO >C10-C28*                        | 1170   | 10.0            | 01/11/2023      | ND           | 185  | 92.6       | 200           | 7.76 |           |
| EXT DRO >C28-C36                     | 135    | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 82.2   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.8   | % 49.1-14       | 8               |              |      |            |               |      |           |

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Celey D. Keene



# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

Project Name: NOVO PAD A RELEASE
Project Number: NVONM2205/001

Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PA - 3 (1-1.5) (H230124-03)

RTFY 8021R

| B1EX 8021B                           | mg     | / <b>kg</b>     | Anaiyze    | ea By: JH/   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 1.97 | 98.5       | 2.00          | 11.8 |           |
| Toluene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 2.02 | 101        | 2.00          | 10.6 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/11/2023 | ND           | 2.03 | 102        | 2.00          | 10.5 |           |
| Total Xylenes*                       | 0.594  | 0.150           | 01/11/2023 | ND           | 6.17 | 103        | 6.00          | 10.1 |           |
| Total BTEX                           | 0.594  | 0.300           | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | ed By: AC    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 432    | 16.0            | 01/11/2023 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 65.8   | 10.0            | 01/11/2023 | ND           | 193  | 96.6       | 200           | 6.62 |           |
| DRO >C10-C28*                        | 1750   | 10.0            | 01/11/2023 | ND           | 185  | 92.6       | 200           | 7.76 |           |
| EXT DRO >C28-C36                     | 205    | 10.0            | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 84.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 83.0   | % 49.1-14       | 8          |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

Analyzed By: 1H /

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Celey D. Keine



# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

NOVO PAD A RELEASE NVONM2205/001

Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: PA - 4 (1-1.5) (H230124-04)

Project Name:

Project Number:

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: JH/   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 1.97 | 98.5       | 2.00          | 11.8 |           |
| Toluene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 2.02 | 101        | 2.00          | 10.6 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/11/2023 | ND           | 2.03 | 102        | 2.00          | 10.5 |           |
| Total Xylenes*                       | 0.464  | 0.150           | 01/11/2023 | ND           | 6.17 | 103        | 6.00          | 10.1 |           |
| Total BTEX                           | 0.464  | 0.300           | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 106    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: AC    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1480   | 16.0            | 01/11/2023 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 74.2   | 10.0            | 01/11/2023 | ND           | 193  | 96.6       | 200           | 6.62 |           |
| DRO >C10-C28*                        | 1370   | 10.0            | 01/11/2023 | ND           | 185  | 92.6       | 200           | 7.76 |           |
| EXT DRO >C28-C36                     | 147    | 10.0            | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.8   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 103    | % 49.1-14       | 8          |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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Celey & Keene



# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

01/11/2023 NOVO PAD A RELEASE

Project Name: NOVO PAD A REL
Project Number: NVONM2205/001
Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PA - 5 (1-1.5) (H230124-05)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: JH/   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 1.97 | 98.5       | 2.00          | 11.8 |           |
| Toluene*                             | 0.065  | 0.050           | 01/11/2023 | ND           | 2.02 | 101        | 2.00          | 10.6 |           |
| Ethylbenzene*                        | 0.069  | 0.050           | 01/11/2023 | ND           | 2.03 | 102        | 2.00          | 10.5 |           |
| Total Xylenes*                       | 2.43   | 0.150           | 01/11/2023 | ND           | 6.17 | 103        | 6.00          | 10.1 |           |
| Total BTEX                           | 2.56   | 0.300           | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 107    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 832    | 16.0            | 01/11/2023 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 113    | 10.0            | 01/11/2023 | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 1640   | 10.0            | 01/11/2023 | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 113    | 10.0            | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.6   | % 49.1-14       | 18         |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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Celey D. Keene



# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

01/11/2023 NOVO PAD A RELEASE NVONM2205/001

Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: PA - 6 (1-1.5) (H230124-06)

Project Name:

Project Number:

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: JH/   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 1.97 | 98.5       | 2.00          | 11.8 |           |
| Toluene*                             | 0.123  | 0.050           | 01/11/2023 | ND           | 2.02 | 101        | 2.00          | 10.6 |           |
| Ethylbenzene*                        | 0.082  | 0.050           | 01/11/2023 | ND           | 2.03 | 102        | 2.00          | 10.5 |           |
| Total Xylenes*                       | 2.32   | 0.150           | 01/11/2023 | ND           | 6.17 | 103        | 6.00          | 10.1 |           |
| Total BTEX                           | 2.53   | 0.300           | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 464    | 16.0            | 01/11/2023 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 112    | 10.0            | 01/11/2023 | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 1440   | 10.0            | 01/11/2023 | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 121    | 10.0            | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 120    | % 49.1-14       | 18         |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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01/10/2023

Soil

# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

Project Name: NOVO PAD A RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Shalyn Rodriguez

Sampling Date:

Sampling Type:

Project Location: LOVING NM

# Sample ID: PA - 7 (1-1.5) (H230124-07)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: JH/   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 1.97 | 98.5       | 2.00          | 11.8 |           |
| Toluene*                             | 0.063  | 0.050           | 01/11/2023 | ND           | 2.02 | 101        | 2.00          | 10.6 |           |
| Ethylbenzene*                        | 0.058  | 0.050           | 01/11/2023 | ND           | 2.03 | 102        | 2.00          | 10.5 |           |
| Total Xylenes*                       | 2.35   | 0.150           | 01/11/2023 | ND           | 6.17 | 103        | 6.00          | 10.1 |           |
| Total BTEX                           | 2.47   | 0.300           | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg     | /kg             | Analyze    | ed By: AC    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 240    | 16.0            | 01/11/2023 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 183    | 10.0            | 01/11/2023 | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 1530   | 10.0            | 01/11/2023 | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 67.2   | 10.0            | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 86.8   | % 49.1-14       | 8          |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

NOVO PAD A RELEASE NVONM2205/001

Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PA - 8 (1-1.5) (H230124-08)

Project Name:

Project Number:

| BTEX 8021B                           | mg/kg  |                 | Analyze    | Analyzed By: JH/ |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND               | 1.97 | 98.5       | 2.00          | 11.8 |           |
| Toluene*                             | 0.320  | 0.050           | 01/11/2023 | ND               | 2.02 | 101        | 2.00          | 10.6 |           |
| Ethylbenzene*                        | 0.269  | 0.050           | 01/11/2023 | ND               | 2.03 | 102        | 2.00          | 10.5 |           |
| Total Xylenes*                       | 6.63   | 0.150           | 01/11/2023 | ND               | 6.17 | 103        | 6.00          | 10.1 |           |
| Total BTEX                           | 7.22   | 0.300           | 01/11/2023 | ND               |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110    | % 71.5-13       | 4          |                  |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg     | /kg             | Analyze    | d By: AC         |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 336    | 16.0            | 01/11/2023 | ND               | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS         |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 185    | 10.0            | 01/11/2023 | ND               | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 1220   | 10.0            | 01/11/2023 | ND               | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 66.8   | 10.0            | 01/11/2023 | ND               |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |                  |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118    | % 49.1-14       | 8          |                  |      |            |               |      |           |
|                                      |        |                 |            |                  |      |            |               |      |           |

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01/10/2023

# Analytical Results For:

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

Received: 01/10/2023 Sampling Date:

Reported: 01/11/2023 Sampling Type: Soil

Project Name: NOVO PAD A RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: LOVING NM

# Sample ID: PA - 9 (1-1.5) (H230124-09)

RTFY 8021R

| B1EX 8021B                           | mg     | /кд             | Analyze         | а ву: ЈН     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 2.50   | 0.050           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 0.908  | 0.050           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 18.6   | 0.150           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 22.1   | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 313    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 576    | 16.0            | 01/11/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze         | ed By: MS    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 421    | 10.0            | 01/11/2023      | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 2480   | 10.0            | 01/11/2023      | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 192    | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 119    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 143    | % 49.1-14       | 8               |              |      |            |               |      |           |
|                                      |        |                 |                 |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/10/2023 Reported: 01/11/2023 Sampling Type: Soil

Project Name: **NOVO PAD A RELEASE** Sampling Condition: Cool & Intact Project Number: NVONM2205/001 Sample Received By: Shalyn Rodriguez

Project Location: LOVING NM

# Sample ID: PA - 10 (1-1.5) (H230124-10)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: JH |              |      |            |               | S-04 |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 0.050  | 0.050           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 0.058  | 0.050           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 0.752  | 0.150           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 0.859  | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 155    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | 'kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 784    | 16.0            | 01/11/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 55.4   | 10.0            | 01/11/2023      | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 1590   | 10.0            | 01/11/2023      | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 118    | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 91.6   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.3   | % 49.1-14       | 8               |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/10/2023

Reported: 01/11/2023 Sampling Type: Soil

Project Name: **NOVO PAD A RELEASE** Sampling Condition: Cool & Intact Project Number: NVONM2205/001 Sample Received By: Shalyn Rodriguez

Project Location: LOVING NM

# Sample ID: PA - 11 (1-1.5) (H230124-11)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: JH |              |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 0.052  | 0.050           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 0.816  | 0.150           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 0.868  | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 161 9  | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 896    | 16.0            | 01/11/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | kg              | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 66.9   | 10.0            | 01/11/2023      | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 1150   | 10.0            | 01/11/2023      | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 86.0   | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.9   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 112 9  | % 49.1-14       | 8               |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

Project Name: NOVO PAD A RELEASE
Project Number: NVONM2205/001

Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: PA - 12 (1-1.5) (H230124-12)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/11/2023 | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 0.432  | 0.150           | 01/11/2023 | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 0.432  | 0.300           | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 143    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1630   | 16.0            | 01/11/2023 | ND           | 416  | 104        | 400           | 3.77 | QM-07     |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 31.1   | 10.0            | 01/11/2023 | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 1560   | 10.0            | 01/11/2023 | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 129    | 10.0            | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 82.0   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 94.6   | % 49.1-14       | 8          |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

Project Name: NOVO PAD A RELEASE Sam
Project Number: NVONM2205/001 Sam

Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

# Sample ID: PA - 13 (1-1.5) (H230124-13)

| BTEX 8021B                           | mg     | /kg             | Analyze         | d By: JH     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 0.460  | 0.150           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 0.460  | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 164    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze         | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 784    | 16.0            | 01/11/2023      | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyzed By: MS |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 53.2   | 10.0            | 01/11/2023      | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 1320   | 10.0            | 01/11/2023      | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 82.1   | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.7   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.2   | % 49.1-14       | 8               |              |      |            |               |      |           |
|                                      |        |                 |                 |              |      |            |               |      |           |

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Celeg D. Freene



# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

Project Name: NOVO PAD A RELEASE
Project Number: NVONM2205/001

Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Shalyn Rodriguez

# Sample ID: PA - 14 (1-1.5) (H230124-14)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: JH    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/11/2023 | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 0.178  | 0.150           | 01/11/2023 | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | <0.300 | 0.300           | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 131    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: AC    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 368    | 16.0            | 01/11/2023 | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 23.1   | 10.0            | 01/11/2023 | ND           | 181  | 90.3       | 200           | 8.37 |           |
| DRO >C10-C28*                        | 540    | 10.0            | 01/11/2023 | ND           | 175  | 87.7       | 200           | 9.98 |           |
| EXT DRO >C28-C36                     | 39.8   | 10.0            | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.6   | % 49.1-14       | 18         |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/10/2023

Reported: 01/11/2023 Sampling Type: Soil

Project Name: NOVO PAD A RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Shalyn Rodriguez

Project Location: LOVING NM

# Sample ID: PA - 15 (1-1.5) (H230124-15)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: JH    |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023 | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 0.081  | 0.050           | 01/11/2023 | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 0.134  | 0.050           | 01/11/2023 | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 2.38   | 0.150           | 01/11/2023 | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 2.60   | 0.300           | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 191    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg     | /kg             | Analyze    | ed By: AC    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 192    | 16.0            | 01/11/2023 | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 126    | 10.0            | 01/11/2023 | ND           | 181  | 90.3       | 200           | 8.37 |           |
| DRO >C10-C28*                        | 1020   | 10.0            | 01/11/2023 | ND           | 175  | 87.7       | 200           | 9.98 |           |
| EXT DRO >C28-C36                     | 74.9   | 10.0            | 01/11/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.5   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 103    | % 49.1-14       | 8          |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/10/2023

Reported: 01/11/2023 Sampling Type: Soil

Project Name: **NOVO PAD A RELEASE** Sampling Condition: Cool & Intact Project Number: NVONM2205/001 Sample Received By: Shalyn Rodriguez

Project Location: LOVING NM

# Sample ID: PA - 16 (1-1.5) (H230124-16)

| BTEX 8021B                           | mg,    | 'kg             | Analyze         | d By: JH     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 0.449  | 0.050           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 0.322  | 0.050           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 5.77   | 0.150           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 6.54   | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 212    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | 'kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1200   | 16.0            | 01/11/2023      | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 187    | 10.0            | 01/11/2023      | ND           | 181  | 90.3       | 200           | 8.37 |           |
| DRO >C10-C28*                        | 1390   | 10.0            | 01/11/2023      | ND           | 175  | 87.7       | 200           | 9.98 |           |
| EXT DRO >C28-C36                     | 115    | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 133    | % 49.1-14       | 8               |              |      |            |               |      |           |

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01/10/2023

# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

Reported:01/11/2023Sampling Type:SoilProject Name:NOVO PAD A RELEASESampling Condition:Cool & IntactProject Number:NVONM2205/001Sample Received By:Shalyn Rodriguez

Applyzod By: 14

Sampling Date:

Project Location: LOVING NM

# Sample ID: PA - 17 (1-1.5) (H230124-17)

RTFY 8021R

| B1EX 8021B                           | mg     | /кд             | Analyze         | a By: JH        |      |            |               |      | 5-04      |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.200 | 0.200           | 01/11/2023      | ND              | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 7.94   | 0.200           | 01/11/2023      | ND              | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 3.72   | 0.200           | 01/11/2023      | ND              | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 62.3   | 0.600           | 01/11/2023      | ND              | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 73.9   | 1.20            | 01/11/2023      | ND              |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 247    | % 71.5-13       | 4               |                 |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyzed By: AC |                 |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 5040   | 16.0            | 01/11/2023      | ND              | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyze         | Analyzed By: MS |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 981    | 10.0            | 01/11/2023      | ND              | 181  | 90.3       | 200           | 8.37 |           |
| DRO >C10-C28*                        | 6260   | 10.0            | 01/11/2023      | ND              | 175  | 87.7       | 200           | 9.98 |           |
| EXT DRO >C28-C36                     | 509    | 10.0            | 01/11/2023      | ND              |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 281    | % 48.2-13       | 4               |                 |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 252    | % 49.1-14       | 8               |                 |      |            |               |      |           |
|                                      |        |                 |                 |                 |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/10/2023 Reported: 01/11/2023 Sampling Type: Soil

Project Name: **NOVO PAD A RELEASE** Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2205/001 Shalyn Rodriguez

Project Location: LOVING NM

# Sample ID: PA - 18 (1-1.5) (H230124-18)

| BTEX 8021B                           | mg,    | 'kg             | Analyze         | d By: JH     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 2.57   | 0.050           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 1.15   | 0.050           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 21.1   | 0.150           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 24.9   | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 328    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | 'kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 3200   | 16.0            | 01/11/2023      | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | 'kg             | Analyze         | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 841    | 10.0            | 01/11/2023      | ND           | 181  | 90.3       | 200           | 8.37 |           |
| DRO >C10-C28*                        | 6230   | 10.0            | 01/11/2023      | ND           | 175  | 87.7       | 200           | 9.98 |           |
| EXT DRO >C28-C36                     | 695    | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 274    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 266    | % 49.1-14       | 8               |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

Project Name: NOVO PAD A RELEASE
Project Number: NVONM2205/001
Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PA - 19 (1-1.5) (H230124-19)

| BTEX 8021B     | mg/    | 'kg             | Analyzed By: JH |              |      |            |               | S-04 |           |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.200 | 0.200           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*       | 7.19   | 0.200           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*  | 3.31   | 0.200           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes* | 67.2   | 0.600           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX     | 77.7   | 1.20            | 01/11/2023      | ND           |      |            |               |      |           |

| Surrogate: 4-Bromofluorobe | nzene (PID | 255 % | 71.5-134 |
|----------------------------|------------|-------|----------|
|                            |            |       |          |

| Chloride, SM4500CI-B | mg     | /kg             | Analyze    | d By: AC     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 816    | 16.0            | 01/11/2023 | ND           | 416 | 104        | 400           | 3.77 |           |
| TPH 8015M            | mg     | /kg             | Analyze    | d By: MS     |     |            |               |      | S-04      |
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*          | 1300   | 10.0            | 01/11/2023 | ND           | 181 | 90.3       | 200           | 8.37 |           |
| DRO >C10-C28*        | 5710   | 10.0            | 01/11/2023 | ND           | 175 | 87.7       | 200           | 9.98 |           |
| EXT DRO >C28-C36     | 542    | 10.0            | 01/11/2023 | ND           |     |            |               |      |           |
| -                    |        |                 |            |              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 324 % 48.2-134
Surrogate: 1-Chlorooctadecane 241 % 49.1-148

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Celey D. Keine



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

# Analytical Results For:

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

Received: 01/10/2023 Reported: 01/11/2023

Project Name: **NOVO PAD A RELEASE** Project Number: NVONM2205/001 Project Location: LOVING NM

Sampling Date: 01/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

# Sample ID: PA - 20 (1-1.5) (H230124-20)

| BTEX 8021B                           | mg,    | /kg             | Analyze         | d By: JH     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.200 | 0.200           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 1.63   | 0.200           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 1.36   | 0.200           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 30.6   | 0.600           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 33.6   | 1.20            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 243    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1360   | 16.0            | 01/11/2023      | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 964    | 10.0            | 01/11/2023      | ND           | 181  | 90.3       | 200           | 8.37 |           |
| DRO >C10-C28*                        | 5250   | 10.0            | 01/11/2023      | ND           | 175  | 87.7       | 200           | 9.98 |           |
| EXT DRO >C28-C36                     | 483    | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 341    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 220    | % 49.1-14       | 8               |              |      |            |               |      |           |

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# Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/10/2023 Reported: 01/11/2023 Sampling Type: Soil

Project Name: **NOVO PAD A RELEASE** Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2205/001 Shalyn Rodriguez

Applyzod By: 14

Project Location: LOVING NM

# Sample ID: PA - 21 (1-1.5) (H230124-21)

RTFY 8021R

| B1EX 8021B                           | mg     | /кд             | Anaiyze         | a By: JH     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.500 | 0.500           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 8.06   | 0.500           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 4.78   | 0.500           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 112    | 1.50            | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 124    | 3.00            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 225    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg     | /kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 304    | 16.0            | 01/11/2023      | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |      | S-06      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 2580   | 100             | 01/11/2023      | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 10700  | 100             | 01/11/2023      | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 409    | 100             | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 507    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chloroctadecane         | 182    | % 49 1-14       | 18              |              |      |            |               |      |           |

Surrogate: 1-Chlorooctadecane 182 % 49.1-148

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# Analytical Results For:

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

Received: 01/10/2023 Sampling Date: 01/10/2023 Reported: 01/11/2023 Sampling Type: Soil

Project Name: **NOVO PAD A RELEASE** Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2205/001 Shalyn Rodriguez

Project Location: LOVING NM

# Sample ID: PA - 22 (1-1.5) (H230124-22)

| BTEX 8021B                           | mg/    | kg              | Analyze         | d By: JH     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/11/2023      | ND           | 1.95 | 97.7       | 2.00          | 3.28 |           |
| Toluene*                             | 0.103  | 0.050           | 01/11/2023      | ND           | 2.15 | 107        | 2.00          | 4.11 |           |
| Ethylbenzene*                        | 0.086  | 0.050           | 01/11/2023      | ND           | 2.11 | 105        | 2.00          | 3.98 |           |
| Total Xylenes*                       | 1.66   | 0.150           | 01/11/2023      | ND           | 6.52 | 109        | 6.00          | 3.86 |           |
| Total BTEX                           | 1.85   | 0.300           | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 168 9  | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 4240   | 16.0            | 01/11/2023      | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 145    | 10.0            | 01/11/2023      | ND           | 172  | 85.8       | 200           | 7.56 |           |
| DRO >C10-C28*                        | 2100   | 10.0            | 01/11/2023      | ND           | 172  | 85.9       | 200           | 10.8 |           |
| EXT DRO >C28-C36                     | 180    | 10.0            | 01/11/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 142 9  | % 49.1-14       | 8               |              |      |            |               |      |           |

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# **Notes and Definitions**

| S-06  | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
|-------|--|
| S-04  | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.   |
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS 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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Celeg D. Freene

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

| Sampler - UPS - Bus - Other:                 | Delivered By: (Circle One)       |       | Relinquished By: | Men         | Relinguished By:  | affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. | PLEASE NOTE: Liability and Dinnages. Cardinal's liability and client's exclusive remedy for any datin arising whether based in contract or tort, shall be limited to the amount paid by the client for the pre-<br>analyses. All dalins including those for regignore and any other cause whatever enable be determined waived unless made in writing and received by Cardinal within 30 days after complete the splicable candy as a few complete and any other cause whatever enable for waived waived unless made in writing and received by Cardinal which 30 days after complete the splicable candy as a few complete the complete control of the splicable candy and the splicable candy are splicable candy and the splicable candy are splicable candy and the splicable candy and the splicable candy are splicable candy are splicable candy and t | 10       | 9         | 8        | 7       | 6        | 5       | 4           | Cu       | 2         | -      | H230124 | Lab I.D.             | FOR LAB USE ONLY | Sampler Name: Orlando | Project Location: | Project Name:   | Project #: NVO | Phone #: 361-6 | city: Corpus Christi | Address: 142     | Project Manager: | Company Name: |
|--|----------------------------------|-------|------------------|-------------|---|---|---|----------|-----------|----------|---------|----------|---------|-------------|----------|-----------|--------|---------|----------------------|------------------|-----------------------|-------------------|-----------------|----------------|----------------|----------------------|------------------|------------------|---------------|
| us - Other:                                  | de One)                          |       |                  | The same    | 1   | ng out of or related to the perfo   | Damages. Cardinal's liability those for negligence and an liable for however li   | but 10 1 | 2 6-41    | DA 4 C   | 110     | 64-6 a   | 64-2 C  | 14-41       | FA-3 0   | 1000      | 14-1 C |         | Sample I.D.          |                  | rlando Gonzalez       | Loving New Mexico | vat             | NVONM2204004   | 361-658-3126   | Christi              | 14229 Punta Bo   | Bryan Haney      | Altamira      |
| Corrected Temp. *C                           | Observed Temp.                   | Time: | Date:            | P Memil (1) | Date 0.23   | rmance of services hereunde   | and client's exclusive remedy<br>y other cause whatsoever sha<br>representational farmance local  | (-1.5)   | 1-1.50    | 1-1.5)   | 1-1-5)  | 1.5)     | -15)    | 4.5         | 7.5      | -1.5      | 1-15)  |         | le I.D.              |                  | Bryan                 | v Mexico          | n O Pad release | Project Owner: | Fax #:         | State: Texaszip:     | Bonaire          | ney              | nira          |
| 51.6   | (0)                              |       | Received By      | %<br>0X     | Received By:  | der by Cardinal, regardle   | for any claim arising vall be deemed waived under without limited to  | 0        | 0         | 0        | 0       | C        | 0 1     | 0           | 0        | 0         | 01     | # CON   | B OR (C)OMITAINERS   | Р.               | Haney Mark            |                   | se 1buo         |                |                |                      |                  |                  |               |
| Yes Yes                                      | 0                                |       | d By:            | LORIZIO     | d By:   | es of whether such clain  | whether based in contract unless made in writing at the basiness intermediates.   | ×        | ×         | ×        | ×       | ×        | ×       | ×           | ×        | ×         | ×      | -       | EWATER               | MATRIX           | Masio                 | Release           | AMA             | Bryan Haney    |                | 78412                |                  |                  |               |
| ~  |                                  |       |                  | me          | •   | her such claim is based upon any of the above stated  | t or tort, shall be limited<br>nd received by Cardinal v  | ×        | ×         | ×        | ×       | ×        | ×       | ×           | ×        | ×         | ×      | OTHER   | R:<br>BASE:<br>COOL  | PRESERV          | Fax #:                | Phone #:          | State:          | City:          | Address:       | Attn:                | Company: Oil and | P.O. #: Dir      | BI            |
| Th.  | ВҮ:                              |       | R                | 1           | )<br>Also   | e above stated reason   | to the amount paid by t<br>within 30 days after con<br>roffes incurred by client  | 12~      | Thistor 1 | 1/10/100 | 1/0/who | Makers 1 | 1/6/000 | 1/10/1024/1 | Violow 1 | 1/10/10/1 | 1/000  | DATE    |                      | SAMPLING         | 1                     |                   | Zip:            |                |                |                      | il and Gas       | Direct Bill Novo | BILL TO       |
| Thermometer ID #113 Correction Factor -0.5*C | Turnaround Time:                 | 25    | REMARKS:         |             | Verbal Result: U Yes U No Add'l Phone #: All Results are emailed. Please provide Email address: | asons or otherwise.   | paid by the client for the<br>after completion of the appli<br>w. client, its subsidiaries.   | 1236     |           | 1228     | 124     | nu       | 1216    | 1212 X      | ROS X    | 1254 X    | × 00   | TIME    | 1 -1 <del>1</del> 10 | NG               |                       |                   |                 |                |                |                      |                  | 0                |               |
| 7.7  | ne:                              | 2     | -                |             | emailed   |   | cable   | ×        | ×         | ×        | ×       | ×        | ×       | ×           | ×        | ×         | ×      |         | 0 -1                 |                  |                       |                   |                 |                |                |                      |                  |                  |               |
| D. 62  | Standard                         | 1     | 3                |             | d. Please pro   | ш   |   | ×        | ×         | ×        | ×       | ×        | ×       | ×           | ×        | ×         | ×      | (O)     |                      | Г                | I                     | 0                 |                 |                |                |                      |                  |                  |               |
| -  |                                  |       | 1                |             | Add'I Phone #:<br>ovide Email addre   | ш.  |   |          |           |          |         |          |         |             |          |           |        |         |                      |                  |                       |                   |                 |                |                |                      |                  |                  | ANALYSIS      |
| Yes   Yes                                    | acteria (only                    |       |                  |             | address:  |   |   |          |           |          |         |          |         |             |          |           |        |         |                      |                  |                       |                   |                 |                |                |                      |                  |                  |               |
| Corrected Temp. °C                           | Bacteria (only) Sample Condition |       |                  |             |   |   |   |          |           |          |         |          |         |             |          |           |        |         |                      |                  |                       |                   |                 |                |                |                      |                  |                  | REQUEST       |
| റ്റ്   | )                                |       |                  |             |   |   |   |          |           |          |         |          |         |             |          |           |        |         |                      |                  |                       |                   |                 |                |                | _                    |                  |                  |               |

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

|   | (010) 000-2020   | 1 10101000                              | 1                           |   |  | ١                                  |  |  |  | l                        | ١    | ١               |                   |                                    |                                      | ای               |     |       |  |      |    |   |
|---|--|---|-----------------------------|---|--|------------------------------------|--|--|--|--------------------------|------|-----------------|-------------------|------------------------------------|--------------------------------------|------------------|-----|-------|--|------|----|---|
| Company Name:   | Altamira   | nica                                    |                             |   |  |                                    | BI   | BILL TO  |  |                          |      |                 | L                 | ANALYSIS KEQUESI                   | ĭ                                    | 瀮                | 200 | 12    | 1  | 1    |    | L |
| Project Manager:  | Bryan  | Nev                                     |                             |   | -  | P.O.                               | #: Dire  | Direct Bill No   | OVO  |                          |      |                 |                   |                                    |                                      |                  |     |       |  |      |    |   |
| Address: 14   | 14229 Punta Bonaire  | naire                                   |                             |   | 0  | Com                                | Company: Oil and   | il and Gas   | S  |                          |      |                 |                   |                                    |                                      |                  |     |       |  | _    |    |   |
| city: Corpu   | Corpus Christi   | State: TexasZip:                        | Zip:                        | 78  | 78412  | Attn:                              |  |  |  |                          |      |                 |                   |                                    |                                      |                  |     |       | _  |      |    | _ |
| 16#:  | 361-658-3126   | Fax #:                                  |                             |   | _  | Address:                           | ess:   |  |  |                          |      |                 |                   |                                    |                                      |                  |     |       |  | _    |    |   |
|   | NVONM2205001   | Project Owner:                          | 00                          | ryan Haney  |  | City:                              |  |  |  |                          |      |                 |                   |                                    |                                      |                  |     |       | _  |      |    |   |
| Project Name:   | Novo Ovalle  | n o Fed release                         | 7                           |   | "  | State:                             | 35   | Zip:   |  |                          |      |                 |                   |                                    |                                      |                  |     |       | _  | _    |    |   |
| Project Location:   | : Loving New Mexico  | v Mexico                                |                             |   | _  | Phone #:                           | ne #:  |  |  |                          |      | )               |                   |                                    |                                      |                  |     |       | _  |      |    |   |
| Sampler Name:   | ĭ  | alez. Bryan Haney                       | 3                           | ark Ma  | asio   | Fax #:                             | #  |  |  |                          |      | I               |                   |                                    |                                      |                  |     |       | _  | _    |    |   |
| FOR LAB USE ONLY  |  |   | IP.                         |   | MATRIX   | ס                                  | PRESERV.   | SAMPLING   | LING   |                          |      | 0 -             |                   |                                    |                                      |                  |     |       |  | _    |    |   |
| Lab I.D.  | Sample I.D.  | le I.D.                                 | (G)RAB OR (C)OM             | # CONTAINERS GROUNDWATER                          | WASTEWATER SOIL OIL SLUDGE   | OTHER :<br>ACID/BASE:              | ICE / COOL<br>OTHER :                                    | DATE   | TIME   | $\times m \dashv \varpi$ | FGI  | omozo           |                   |                                    |                                      |                  |     |       |  |      |    |   |
| //  | > 11-40  | 1-1-5                                   | 0                           | _   | ×  |                                    | ×  | Malush   | 1240   | ×                        | ×    | ×               |                   |                                    |                                      |                  |     | -     | -  | -    |    |   |
| 12  | 10-12  | (1-1.5)                                 | 0                           | _   | ×  |                                    | ×  | Mapan  | 1244   | ×                        | ×    | ×               |                   |                                    |                                      |                  | T   | +     | +  | -    |    |   |
| (3  | BA 13  | Q-1.5)                                  | 0                           | -   | ×  | _                                  | ×  | Makara   | 1248   | ×                        | ×    | ×               |                   |                                    |                                      |                  | T   | +     | +  | -    |    |   |
| 41  | 100-14   | 2-1.5)                                  | C                           | -   | ×  | _                                  | ×  | Marsh  | 1252   | ×                        | ×    | ×               |                   |                                    |                                      |                  | T   | +     | -  | -    |    |   |
| 15  | 31-48  | 1-1.5)                                  | 0                           | -   | ×  |                                    | ×  | the hots   | 1256   | ×                        | ×    | ×               |                   |                                    |                                      | T                |     | -     | -  | -    |    |   |
| 16  | 11-69  | (1-1.5)                                 | 0                           | -   | ×  |                                    | ×  | 1/10/2047  | 1300   | ×                        | ×    | ×               |                   |                                    |                                      | T                | T   | +     | +  | 1    |    |   |
| 17  | PA-17  | (-1.5)                                  | C                           | -   | ×  |                                    | ×  | 1/10/1023  | 1304   | ×                        | ×    |                 |                   |                                    |                                      | T                | T   | +     | +  | -    |    |   |
| 18  | 81-40  | (1-1.5)                                 | n                           | _   | ×  |                                    | ×  | 1/m/DD   | 1308   | ×                        | ×    | ×               |                   |                                    |                                      | T                | T   | +     | +  | 1    |    |   |
| 19  | 21-40  | 0-1.5                                   | 0                           | -   | ×  |                                    | ×  | Malow  | 13/2   | ×                        | ×    | ×               |                   |                                    |                                      | T                | T   | +     | +  | -    |    |   |
|   |  | 4                                       | 0                           | =   | ×  | _                                  | ×  | 10   | 13 /L  | ×                        | ×    | ×               |                   |                                    |                                      |                  | r   | 1     | 1  | L    |    |   |
| PLEASE NOTE: Liability and analyses. All daims including service. In no event shall Can | nd Damages. Cardinal's liability and client's ex<br>ing those for negligence and any other cause is<br>ardinal be liable for incidental or consequents | s exclusive<br>se whatsou<br>antal dama | y claim<br>semed<br>without | arising wheth<br>waived unless<br>limitation, but | remedy for any claim arising whether based in contract or fort, shall be limited to the any war shall be deemed wahed unless made in writing and received by Cardinal within 30 day year shall be deemed wahed unless made in writing and received by Cardinal within 30 day gos, Including without limitation, business interruptions, loss of use, or loss of profits incurre gos, Including without invasions, business interruptions, loss of use, or loss of the above state of the contract with the contract of the above state of the contract war for the contract of the above state of the contract war for the contract of the con | r tort, st<br>received<br>as of us | hall be limited<br>d by Cardinal on<br>the, or loss of p | to the amount paid within 30 days after rofits incurred by dine above staled rea | unt paid by the client for the<br>ys after completion of the a<br>ad by client, its subsidiaries,<br>sed reasons or otherwise. | the applications, fies,  | ble  |                 |                   |                                    |                                      |                  |     |       |  |      |    |   |
| Relinquished By:  | ed By:   | Pate 0.23                               | Rec                         | Received By                                       | de as  | 5                                  | 7  |  | Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:<br>All Results are emailed. Please provide Email address:                           | s are e                  | □ Ye | Yes 🗆 ed. Pleas | □ No<br>ase provi | Add'l Phone #:<br>ide Email addres | Phone<br>all ad                      | #:               |     |       |  |      |    |   |
| Relinquished By:  | Y.   | Date:                                   | Rec                         | Received By:                                      | By:  |                                    |  | 9  | REMARKS:   | Z si                     | 2    | 1               | K                 | 1                                  | 7                                    | 1                |     |       |  |      |    |   |
| Delivered By: (Circle One)  | ircle One)   | Observed Temp. *C                       | 0                           | . ,   | Sample Condition Cool Intact Yes Yes   | 9                                  | CHEC   | CHECKED BY:  | Turnaround Time: Thermometer ID #113   | nd Tim<br>ter ID         | ü    | 3               | - 1               | 700                                | Bacteria (only) Cool Intact  Yes Yes | eria (o<br>Intac | co  | Obser | Bacteria (only) Sample Condition Cool Intact Observed Temp. °C | emp. | റ് |   |
| Sampler - UPS - Bus - Other:  | Bus - Other:   | Corrected Temp, *C                      | -                           |   | Yes L Yes  |                                    | 2  |  | Correction   | Eactor                   | 200  |                 | (9)               |                                    |                                      |                  |     | orre  | Corrected Temp °C  | amp  | ô  |   |

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| (5/5) 393-2326 FAX (5/5) 393-24/6   | 9/6   |   |   | ١        |               |                          |
|---|---|---|---|----------|---------------|--------------------------|
| Company Name:   |   | BILL TO   |   |          |               | ANALYSIS REQUEST         |
| Bryan   |   | P.O. #: Direct Bill No  | Novo  |          |               |                          |
| 229   |   | Company: Oil and Gas  | S   |          |               |                          |
| city: Corpus Christi State: Texaszip:   | SZip: 78412   | Attn:   |   |          |               |                          |
| #   |   | Address:  |   |          |               |                          |
| Project #: NVONM220\$1001 Project Owner:  | : Bryan Haney   | City:   |   |          |               |                          |
| me: Novo Ovation O  |   | State: Zip:   |   |          |               |                          |
| 9   | Separate A  | Phone #:  |   |          | 7             |                          |
| rlando Gonzale  | ev Mark Masio   | Fax #:  |   |          | I             |                          |
|   |   | PRESERV. SAMPLING   | LING  |          | ) IT :        |                          |
| Lab I.D. Sample I.D.  | G)RAB OR (C)OME<br>CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>GOIL<br>DIL<br>SLUDGE   | OTHER: ACID/BASE: CE / COOL OTHER:  | ×m + B  | エマー      | OMOZO         |                          |
| 100000000000000000000000000000000000000   | - #   | ×   | 1320 X  | ×        | ×             |                          |
| 22 /1-27 (1-15)   | C 1   | × ikhow   | 1324 X  | ×        | ×             |                          |
| Cur.  | O<br>×  | ×   | ×   | ×        | ×             |                          |
|   | C   | ×   | ×   | < >      | ×             |                          |
|   | × :   | ×   | ×   | ×        | ×             |                          |
|   |   | ××  |   | ×        | <×            |                          |
|   | ×   | ×   |   | ×        | ×             |                          |
|   | ×   | ×   | \ \ \   | ×        | ×             |                          |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any dakin arising whether based in contract or tort, shall be limited to the amount paid by the client for the annual place. Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in witting 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 deemed waived unless made in witting and received any others. But substitutes, some cause of the above stated research or other shall cardinal be liable for incidental or consequental demages, including without limitation, but includes interruptions, loss of use, or loss of profits incurred. | any claim arising whether based in contract<br>e deemed waived unless made in writing are<br>ng without limitation, business interruptions. | ct or tort, shall be limited to the amount pake<br>nd received by Cardinal within 30 days after<br>I, loss of use, or loss of profits incurred by d | amount paid by the client for the<br>30 days after completion of the applic<br>courred by client. Its subsidiaries,<br>we stained reasons or otherwise. | cable    |               |                          |
| Relinquished By:  Pate: Day Time: 128   | Received By:  | quest   | Verbal Result:<br>All Results are   | emailed  | d. Please pro | Verbal Result:           |
| Relinquished By: Date:  | Received By:  | (   | REMARKS:  | 1        | K             | 1                        |
|   |   |   | Turnaround Til  | 1        | Standard      | _                        |
| Delivered By: (Circle One) Observed Temp. *C  | . O Sar   | ition CHECKED BY:   | Turnaround Time:  | me:      | Rush          | <b>P</b>                 |
| Sampler - UPS - Bus - Other: Corrected Temp. *C   | -61   | No OK   | Correction Factor -0.5°C  | 1 -0.5°C | - U-loc       | Nc No Corrected Temp. °C |



January 24, 2023

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: RUNA SALADA A PAD RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 01/23/23 16:54.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Project Location: LOVING, NM

# Sample ID: PA - 1 (2-2.5') (H230331-01)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 125 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 96.0   | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2205/001 Tamara Oldaker

Project Location: LOVING, NM

# Sample ID: PA - 2 (2-2.5') (H230331-02)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 126    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | 'kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 256    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 96.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 112 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

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Celey D. Keene



# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: NVONM2205/001 Tamara Oldaker

Project Location: LOVING, NM

# Sample ID: PA - 3 (2-2.5') (H230331-03)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 124 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 192    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 105 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NVONM2205/001

Project Location: LOVING, NM

# Sample ID: PA - 4 (2-2.5') (H230331-04)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 123 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 176    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 90.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 104 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

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Celey D. Keine



# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LOVING, NM

# Sample ID: PA - 5 (2-2.5') (H230331-05)

RTFY 8021R

| BIEX 8021B                           | mg     | / <b>kg</b>     | Anaiyze    | a By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 127    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 144    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 90.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

Cardinal Laboratories \*=Accredited Analyte

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# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LOVING, NM

# Sample ID: PA - 6 (2-2.5') (H230331-06)

RTFY 8021R

| BIEX 8021B                           | mg     | /кд             | Anaiyze    | a By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 125    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 192    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 43.7   | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

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# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LOVING, NM

# Sample ID: PA - 7 (2-2.5') (H230331-07)

RTFY 8021R

| B1EX 8021B                           | mg     | / kg            | Anaiyze    | a By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 126    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 160    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 33.7   | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

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# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LOVING, NM

# Sample ID: PA - 8 (2-2.5') (H230331-08)

RTFY 8021R

| BIEX 8021B                           | mg,    | <sup>и</sup> кд | Anaiyze    | а ву: ЈН     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 126    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 128    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | ed By: MS    |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 29.4   | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 72.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 82.8   | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

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# Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LOVING, NM

# Sample ID: PA - 9 (2-2.5') (H230331-09)

RTFY 8021R

| BIEX 8021B                           | тд/кд         |                 | Analyzed By: JH |              |      |            |               |       |           |
|--------------------------------------|---------------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result        | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050        | 0.050           | 01/23/2023      | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050        | 0.050           | 01/23/2023      | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050        | 0.050           | 01/23/2023      | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150        | 0.150           | 01/23/2023      | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300        | 0.300           | 01/23/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 125 % 71.5-13 |                 | 4               |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/kg         |                 | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result        | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 96.0          | 16.0            | 01/24/2023      | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/kg         |                 | Analyzed By: MS |              |      |            |               |       |           |
| Analyte                              | Result        | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0         | 10.0            | 01/24/2023      | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | <10.0         | 10.0            | 01/24/2023      | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0         | 10.0            | 01/24/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 86.3          | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.7          | % 49.1-14       | 8               |              |      |            |               |       |           |
|                                      |               |                 |                 |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2205/001 Tamara Oldaker

Project Location: LOVING, NM

### Sample ID: PA - 10 (2-2.5') (H230331-10)

| BTEX 8021B                           | mg/    | 'kg             | Analyze         | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023      | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023      | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 124 5  | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 144    | 16.0            | 01/24/2023      | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023      | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 21.1   | 10.0            | 01/24/2023      | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 81.1   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 93.8   | % 49.1-14       | 8               |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NVONM2205/001

Project Location: LOVING, NM

### Sample ID: PA - 11 (2-2.5') (H230331-11)

| BTEX 8021B                           | mg/    | kg              | Analyze    | ed By: JH    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 127 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | ed By: GM    |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 512    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | ed By: MS    |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 163    | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 107 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 124 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: NVONM2205/001 Tamara Oldaker

Project Location: LOVING, NM

### Sample ID: PA - 12 (2-2.5') (H230331-12)

| BTEX 8021B                           | mg/     | kg              | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050  | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050  | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050  | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | < 0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300  | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 124 9   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/     | kg              | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 288     | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/     | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0   | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | <10.0   | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0   | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 93.4    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106 9   | % 49.1-14       | 8          |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NVONM2205/001

Project Location: LOVING, NM

### Sample ID: PA - 13 (2-2.5') (H230331-13)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 131 9  | 71.5-13         | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 544    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 194    | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 118 %  | 6 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 136 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NVONM2205/001

Project Location: LOVING, NM

### Sample ID: PA - 14 (2-2.5') (H230331-14)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 125 %  | 71.5-13         | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 400    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 43.4   | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 110 %  | 6 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 131 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023
Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: LOVING, NM

### Sample ID: PA - 15 (2-2.5') (H230331-15)

RTFY 8021R

| BIEX 8021B                           | mg     | /кд             | Anaiyze    | a By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 125    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 160    | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 50.1   | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 108    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 118    | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: NVONM2205/001 Tamara Oldaker

Project Location: LOVING, NM

### Sample ID: PA - 16 (2-2.5') (H230331-16)

| BTEX 8021B                           | mg/     | kg              | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050  | 0.050           | 01/24/2023 | ND           | 1.98 | 98.9       | 2.00          | 1.44  |           |
| Toluene*                             | <0.050  | 0.050           | 01/24/2023 | ND           | 2.15 | 107        | 2.00          | 1.18  |           |
| Ethylbenzene*                        | <0.050  | 0.050           | 01/24/2023 | ND           | 2.11 | 105        | 2.00          | 1.32  |           |
| Total Xylenes*                       | < 0.150 | 0.150           | 01/24/2023 | ND           | 6.48 | 108        | 6.00          | 2.11  |           |
| Total BTEX                           | <0.300  | 0.300           | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 125 9   | 71.5-13         | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/     | kg              | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 144     | 16.0            | 01/24/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/     | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0   | 10.0            | 01/24/2023 | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | <10.0   | 10.0            | 01/24/2023 | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0   | 10.0            | 01/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 97.7    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106 9   | % 49.1-14       | 8          |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LOVING, NM

### Sample ID: PA - 17 (2-2.5') (H230331-17)

RTFY 8021R

| BIEX 8021B                           | mg     | /кд             | Anaiyze         | a By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.80 | 90.2       | 2.00          | 12.7  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.86 | 92.9       | 2.00          | 11.2  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023      | ND           | 1.82 | 91.1       | 2.00          | 10.9  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023      | ND           | 5.55 | 92.5       | 6.00          | 9.60  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109    | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/kg  |                 | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1410   | 16.0            | 01/24/2023      | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023      | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 90.6   | 10.0            | 01/24/2023      | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 102    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 49.1-14       | 8               |              |      |            |               |       |           |
|                                      |        |                 |                 |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Project Location: LOVING, NM

### Sample ID: PA - 18 (2-2.5') (H230331-18)

| BTEX 8021B                           | mg/kg  |                 | Analyze    | Analyzed By: JH/ |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND               | 1.80 | 90.2       | 2.00          | 12.7  |           |
| Toluene*                             | 0.106  | 0.050           | 01/23/2023 | ND               | 1.86 | 92.9       | 2.00          | 11.2  |           |
| Ethylbenzene*                        | 0.092  | 0.050           | 01/23/2023 | ND               | 1.82 | 91.1       | 2.00          | 10.9  |           |
| Total Xylenes*                       | 0.691  | 0.150           | 01/23/2023 | ND               | 5.55 | 92.5       | 6.00          | 9.60  |           |
| Total BTEX                           | 0.888  | 0.300           | 01/23/2023 | ND               |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109    | % 71.5-13       | 4          |                  |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | ed By: GM        |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1760   | 16.0            | 01/24/2023 | ND               | 400  | 100        | 400           | 3.92  | QM-07     |
| TPH 8015M                            | mg     | /kg             | Analyze    | ed By: MS        |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank     | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | 11.8   | 10.0            | 01/24/2023 | ND               | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 276    | 10.0            | 01/24/2023 | ND               | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | 20.1   | 10.0            | 01/24/2023 | ND               |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 100    | % 48.2-13       | 4          |                  |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 49.1-14       | 8          |                  |      |            |               |       |           |
|                                      |        |                 |            |                  |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Tamara Oldaker

Applyzod By: 1H /

Project Location: LOVING, NM

### Sample ID: PA - 19 (2-2.5') (H230331-19)

RTFY 8021R

| BIEX 8021B                           | mg     | /кд             | Anaiyze         | a By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.80 | 90.2       | 2.00          | 12.7  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.86 | 92.9       | 2.00          | 11.2  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023      | ND           | 1.82 | 91.1       | 2.00          | 10.9  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023      | ND           | 5.55 | 92.5       | 6.00          | 9.60  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 107    | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/kg  |                 | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1920   | 16.0            | 01/24/2023      | ND           | 400  | 100        | 400           | 3.92  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023      | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 116    | 10.0            | 01/24/2023      | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.7   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 114    | % 49.1-14       | 8               |              |      |            |               |       |           |
|                                      |        |                 |                 |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Sample Received By: Project Number: NVONM2205/001 Tamara Oldaker

Project Location: LOVING, NM

### Sample ID: PA - 20 (2-2.5') (H230331-20)

| BTEX 8021B                           | mg,    | 'kg             | Analyze         | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.80 | 90.2       | 2.00          | 12.7  |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.86 | 92.9       | 2.00          | 11.2  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023      | ND           | 1.82 | 91.1       | 2.00          | 10.9  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023      | ND           | 5.55 | 92.5       | 6.00          | 9.60  |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109    | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | 'kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 432    | 16.0            | 01/24/2023      | ND           | 400  | 100        | 400           | 3.92  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023      | ND           | 197  | 98.6       | 200           | 12.6  |           |
| DRO >C10-C28*                        | 158    | 10.0            | 01/24/2023      | ND           | 210  | 105        | 200           | 0.793 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 86.3   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 49.1-14       | 8               |              |      |            |               |       |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil Project Name: RUNA SALADA A PAD RELEASE Sampling Condition:

Cool & Intact NVONM2205/001 Sample Received By: Tamara Oldaker Project Number:

Project Location: LOVING, NM

### Sample ID: PA - 21 (2-2.5') (H230331-21)

| BTEX 8021B                           | mg,    | /kg             | Analyze         | ed By: JH/   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.80 | 90.2       | 2.00          | 12.7 |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023      | ND           | 1.86 | 92.9       | 2.00          | 11.2 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023      | ND           | 1.82 | 91.1       | 2.00          | 10.9 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023      | ND           | 5.55 | 92.5       | 6.00          | 9.60 |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 106    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/kg  |                 | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 688    | 16.0            | 01/24/2023      | ND           | 400  | 100        | 400           | 3.92 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | ed By: MS    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 19.9   | 10.0            | 01/24/2023      | ND           | 205  | 102        | 200           | 3.84 |           |
| DRO >C10-C28*                        | 936    | 10.0            | 01/24/2023      | ND           | 208  | 104        | 200           | 2.79 | QM-07     |
| EXT DRO >C28-C36                     | 79.8   | 10.0            | 01/24/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.0   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 49.1-14       | 18              |              |      |            |               |      |           |

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### Analytical Results For:

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

Received: 01/23/2023 Sampling Date: 01/23/2023

Reported: 01/24/2023 Sampling Type: Soil

Project Name: RUNA SALADA A PAD RELEASE Sampling Condition: Cool & Intact Project Number: Sample Received By: NVONM2205/001 Tamara Oldaker

Project Location: LOVING, NM

### Sample ID: PA - 22 (2-2.5') (H230331-22)

| BTEX 8021B                           | mg,    | 'kg             | Analyze    | d By: JH/    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.80 | 90.2       | 2.00          | 12.7 |           |
| Toluene*                             | <0.050 | 0.050           | 01/23/2023 | ND           | 1.86 | 92.9       | 2.00          | 11.2 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 01/23/2023 | ND           | 1.82 | 91.1       | 2.00          | 10.9 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 01/23/2023 | ND           | 5.55 | 92.5       | 6.00          | 9.60 |           |
| Total BTEX                           | <0.300 | 0.300           | 01/23/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 192    | 16.0            | 01/24/2023 | ND           | 400  | 100        | 400           | 3.92 |           |
| TPH 8015M                            | mg,    | 'kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 01/24/2023 | ND           | 205  | 102        | 200           | 3.84 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 01/24/2023 | ND           | 208  | 104        | 200           | 2.79 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 01/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 87.8   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 90.3   | % 49.1-14       | 8          |              |      |            |               |      |           |

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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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| D. #: Direct Bill No ompany: Oil and Gasttr.  ity:  hone #:  ACID/BASOL  X  X  X  X  X  X  X  X  X  X  X  X  X   | (010) 000-20   | 333-2320 1 200 (313) 330 211   |  |  |   | 111111111111111111111111111111111111111                         | י יייייייייייייייייייייייייייייייייייי |
|--|--|--|--|--|---|---|--|
| Company: Direct Bill No Drect Bill No Company: Oil and Gales: 14229 Punta Bonaire Compus Christi State: Texaszip: 78412 Attn:  Corpus Christi State: Texaszip: 78412 Attn:  Corpus Christi State: Texaszip: 78412 Attn:  Company: Oil and Gales: Address: City: City: State: Zip: City: Ci |  | amira  |  | BILL TO  |   | ANALYSIS  | S REQUEST                              |
| Corpus Christi  Corpus Christi  State: Texaszip: 78412  Attn:  Corpus Christi  State: Texaszip: 78412  Attn:  Address:  Address:  Address:  City:  Ci | Bryan  | anev   |  | #: Direct Bill   | OVO   |   |  |
| Corpus Christi    Example   Fax #:   Address:   Address | 14229 Punta  | Bonaire  |  | Company: Oil and Ga  | S   |   |  |
| Address:  ct Name: New Ovation O Pad release Address: Zip:  ct Location: Loving New Mexico  bler Name: Orlando Gonzalez, Brvan Haney Mark Masio  Fax #:  All CSIP Phone #:  All CSIP Pho |  | State: Texass  |  | Attn:  |   |   |  |
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| New Ovation O Pad release And State: Zip:  New Ovation New Mexico  In Loving New Mexico  In Sample I.D.  Sample Condition  CHECKED BY:  Initiasi  Coll Initiasi  Checked By:  Initiasi  Checked By: |  |  | Bryan Haney  | City:  |   |   |  |
| Sample I.D.  Sample Condition  CHECKED BY:  (Initials)   |  | tion O Pad release   | lines glade  |  |   |   |  |
| Sample I.D.  Sample Condition  Sample Condition  Observed I.m.p. C.  Sample Condition  Observed I.m.p. C.  Sample Condition  Other Ecked By:  Image:  Image: | on:  | ew Mexico  | Release  | Phone #:   |   | 0   |  |
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| Time:  CLE One)  CLE Cool Manager  Cardinat's liability and client's exclusive remedy for any claim arising whether based in contract or text, shall be immede to the amount paid bringsterion and any other cause whichever shall be deemed waived unless made in writing and received by Cardinal within 30 days after those for incodingly or consequential damages, including without inclusion, business interruptions, loss of use, or loss of profile incurred by claim and or interruptions, loss of use, or loss of profile incurred by claim in a based upon any of the above stated by a claim in the state of the above stated reserved by Cardinal integrations of whether such claim is based upon any of the above stated reserved by Cardinal integrations of the above stated free claims of the above stated reserved by Cardinal integration of the above stated reserved by:  Sample Condition CHECKED BY:  Cle One)  Observed Temp. *C  Cool Intagt  (Initials)   | 8-41 8   | 0-2.50   | -  | × 1/13/202   | 1455 X  | ×   |  |
| Damages. Cardinativ liability had client's exclusive remedy for any claim arising whether based in contract or bot, shall be limited to the amount paid those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and neceived by Cardinal within 30 days after lost of or introducing or consequental damages, including without inhalton, business interruptions, loss of use, or loss of politic including without inhalton, business interruptions, loss of use, or loss of politic including without inhalton, business interruptions, loss of use, or loss of politic included by Cardinal regardless of whether such claim is based upon any of the above stated real lights.    Date:  | 5-40 6   | 0-2.50   | -  | × 1/23/201   | 01500 X   | ×   |  |
| Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or ton, shall be limited to the amount pad troop for negligence and any other cause whatsoever shall be deemed washed unless made in writing and received by Cardinal within 30 days after insign liable for incollegal or consequented damages, including without limited, business interruptions, loss of use, or loss of politic incurred by clardinal regardless of whether such claim is based upon any of the above stated real page.    Date:   Received By:   Received By:   Cardinal regardless of whether such claim is based upon any of the above stated real page.   Cardinal regardless of whether such claim is based upon any of the above stated real page.   Cardinal regardless of whether such claim is based upon any of the above stated real page.   Cardinal regardless of whether such claim is based upon any of the above stated real page.   Cardinal regardless of whether such claim is based upon any of the above stated real page.   Cardinal regardless of whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal whether such claim is based upon any of the above stated real page.   Cardinal page   Cardinal page.   Cardinal page   Cardina | 1  | 2-25')   | C/ X   | 1/23/20  | (X Gaire  | ( X   |  |
| Cle One)  Observed Temp. *C Cool Intact Cool Cool Cool Cool Cool Cool Cool Coo   | PLEASE NOTE: Liability and Damages. Cardinal's li<br>analyses. All claims including those for negligence a<br>service. In no event shall Cardinal be liable for incide | ability and client's exclusive remedy for an<br>nd any other cause whatsoever shall be do<br>that or consequental damages, including v | claim arising whether based in contrac<br>berned walved unless made in writing an<br>without limitation, business interruptions. | t or tort, shall be limited to the amount paid<br>nd received by Cardinal within 30 days after<br>loss of use, or loss of profits incurred by cl | by the client for the completion of the applicable lient, its subsidiaries. |   |  |
| Date: Received By:  Time: Sample Condition CHECKED BY: (Initials)  | out of or relate   | Performance of services network by Ca  | Received By:   |  | Verbal Result: ☐ Yes<br>All Results are emailed.                            | res □ No    Add'l Phone #:<br>d.  Please provide Email address: | dress:                                 |
| Date: Received By:  Time: Sample Condition CHECKED BY:  Cle One) Cool Intact (Initials)  |  | 18:34  | Munul  | VIIII  |   |   | \                                      |
| Observed Temp. *C Sample Condition CHECKED BY:  Cool Intagt (Initials)   | Relinquished By:   | Date:  | Received By:   | J. Charles   | REMARKS:  | 14160   |  |
| Cool Intact (Initials)   | Delivered By: (Circle One)   | Tamp. °C   | 1  | 7  | Turnaround Time:  | /   | Bacteria (only) Sample Condition       |
| 4  | Sampler - UPS - Bus - Other:   |  | Cool Intact Yes Tyes   | ,  | Thermometer ID #113   | A   | ☐ Yes ☐ Yes ☐ Corrected Temp. °C       |



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|                                       | Altamira   | U.  |                   |                                |                            |              |         |                 |         |          |          |              | D      | BILL  |  |                   |        |                  |        | ANALYSIS RECLIEST             | FOLIEST  |
|---------------------------------------|--|---|-------------------|--------------------------------|----------------------------|--------------|---------|-----------------|---------|----------|----------|--------------|--------|---|--|-------------------|--------|------------------|--------|-------------------------------|--|
| Project Manager:                      | Bryan  |   |                   |                                |                            |              |         |                 | _       | P.O. #:  | #        | _ 1          | 모      | Direct Bill Novo  | lovo   |                   |        |                  |        |                               |  |
| Address: 14                           | 14229 Punta Bonaire  | ire   |                   |                                |                            |              |         |                 | _       | 00       | ᄚ        | any          | -      | Company: Oil and Gas  | as   |                   |        |                  |        |                               |  |
| city: Corpus                          | Corpus Christi   | State: Texaszip:  | SZip              | "                              | 78                         | 78412        | 2       |                 | _       | Attn:    | 2        |              |        |   |  |                   |        |                  |        |                               |  |
| Phone #: 361-6                        | 361-658-3126   | Fax#:   |                   |                                |                            |              |         |                 | _       | Address: | dre      | SS           | 0.     |   |  |                   |        |                  |        |                               |  |
| Project #: NVO                        | NVONM220\$/001   | Project Owner:  |                   | Bryan                          | 3                          | Hanev        | ie l    |                 |         | City:    | ا د.     |              |        |   |  |                   |        |                  |        |                               |  |
| Project Name:                         | Nevo Ovation O Pad releas  | ) Pad releas  | Z                 | 3                              | 2                          | 1            | B       | 40              | 10      | State:   | te:      |              |        | Zip:  |  |                   |        |                  |        |                               |  |
| Project Location:                     | : Loving New Mexico  | lexico  | 10                | 10                             | 1                          | 60           | 2       | 000             |         | Phone #: | ne       | *            |        |   |  |                   |        |                  |        |                               |  |
| Sampler Name: (                       | Sampler Name: Orlando Gonzalez   | z. Bryan Haney  |                   | Mark                           | 2                          | Masio        | 0       |                 |         | Fax #:   | #        |              |        |   |  |                   |        | c (              |        |                               |  |
| FOR LAB USE ONLY                      |  |   |                   |                                |                            | 3            | MATRIX  | ×               |         | Ц        | PRESERV. | SE           | 2      |   | SAMPLING   |                   |        | - 0              |        |                               |  |
| Lab I.D.                              | Sample I.D.  |   | OR (C)OMP.        | TAINERS                        | NDWATER                    | WATER        |         | -               |         |          |          | OOL          | 1      |   |  | ⊣B                | -      | ㅁ찓ㅇ              |        |                               |  |
| HEBUSH                                |  |   | (G)RA             |                                | _                          | _            | SOIL    | OIL             | SLUD    | OTHE     | ACID/    | ICE/         | OTHE   | DATE  | TIME   | ×n                | I      | co I             |        |                               |  |
| //                                    | 1A-11 (:   | 2-2-59  | 0                 |                                | -                          | -            | .8.     | _               | _       |          | _        | ×            |        | /2/pas  | 10%  | ×                 | ×      | ×                |        |                               |  |
| 12                                    | PA-12 (2   | 13261)  | C                 | -                              |                            | -            | ×       | -               |         | _        |          | ×            |        | 1/2 shear   | 100%   | ×                 | ×      | ×                |        |                               |  |
| w                                     | PA +3 (2   | -250  | C                 | -                              |                            |              | ×       | -               | -       | _        |          | ×            |        | 1/sahoa   | 1500   | ×                 | ×      | ×                |        |                               |  |
| 14                                    | 14-49  | 2-2.5")   | C                 | -                              |                            |              | ×       | -               |         |          |          | ×            |        | Mashos  | 4511   | ×                 | ×      | ×                |        |                               |  |
| 5                                     | PA-15  | 2-2.5)  | 0                 | -                              |                            |              | ×       |                 |         |          |          | ×            |        | My hos  | 3/57/3   | ×                 | ×      | ×                |        |                               |  |
| 16                                    | 11-161   | 2-2.5")   | 0                 | -                              |                            |              | ×       | -               |         |          |          | ×            |        | (hylos  | 1515   | ×                 | ×      | ×                |        |                               |  |
| 17                                    | 11-17  | 2-2.50  | C                 | -                              |                            |              | ×       | -               | -       | _        |          | ×            |        | 1/23/10   | 4/5/17   | ×                 | ×      | ×                |        |                               |  |
| 18                                    | 181-18   | 2-25)   | C                 | -                              |                            |              | ×       |                 |         | _        | de       | ×            | ris :  | helps   | 1519   | ×                 | ×      | ×                |        |                               |  |
| 19                                    | 19-19  | 2-250   | C                 | -                              |                            |              | ×       |                 | -       | _        | 1        | ×            |        | 1/25/201  | 125  | ×                 | ×      | ×                |        |                               |  |
| 20                                    | PA-20  | 2-250   | C                 | 1                              | -                          | -            | ×       |                 |         | -        |          | ×            |        | belleve   | 1523   | ×                 | ×      | ×                |        |                               |  |
| Affiliates or successors assert fit a | YLEASE NOTE: Lability and Damages. Cardinals 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 consequential damages, including without limitation, busivess interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, | ent's exclusive remedy for a<br>cause whatsoever shall be<br>quental damages, including | deemed<br>without | arising<br>waived<br>limitatio | wheth<br>unless<br>in, bus | made<br>made | ed in o | entra<br>ting a | ct or r | or u     | hall t   | Card<br>Card | inal v | to the amount paid<br>within 30 days after<br>offis incurred by cli | by the client for the<br>completion of the<br>ent, its subsidiarie | ne<br>applicables |        |                  |        |                               |  |
| Relinquished By:                      | X  | D#226023 Re   | Rec               | Received By:                   | ad By:                     | ×.           |         |                 |         |          | 1        | 1            | 1      | 11  | Verbal Result:   | ult:              | ☐ Yes  | □ No             | 0      | Add'I Phone #:                |  |
|                                       | 1  | The Sold  | 7                 |                                | do                         | 1            |         | 1               | 0       | )        | 1        | Me           | M      | &   | All Mesuris are emailed  | 9                 | Mileu. | Flease           | provid | riease provide Email address: |  |
| Relinquished By:                      |  | Date:   | Rec               | Received By:                   | ď B                        | ×            | R       |                 |         | 1        | R        | F            | a      | 1   | REMARKS:   |                   |        |                  |        |                               |  |
| Delivered By: (Circ                   |  |   | Г                 | 4                              | 2                          |              | 5       |                 |         | 4        |          | É            |        | L   |  |                   |        |                  |        | \                             |  |
| Complete LIDS Concile One)            |  |   | 0,5               | 1                              | CS                         | Cool Intact  | THE CO  | act             | tion    | 1 -      | _        | - H          | Di C   | (Initials)  | Turnaround Time:   | Time:             |        | Standard<br>Rush |        | Bacteria (only                | Bacteria (only) Sample Condition Cool Intact Observed Temp. °C |
| Sampler - UPS - Bus - Other:          |  | Corrected Temp. "C  | 1.1               | _                              |                            | Yes Yes      | Yes Yes | -3              | lo BS   |          |          | 8.           | 10     |   | Thermometer ID #113<br>Correction Factor -0.5°C                    | rID #1            |        |                  |        | □ Yes □ Yes                   |  |



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

| Project Manager: Bryan Haney Address: 14229 Punta Bonair City: Corpus Christi   | Itamira<br>Haney<br>Bonaire  |  | P.O. #: Direct Bill Novo   | 000   | 1                 | ANALYSIS REQUEST   | EST            |
|---|--|--|--|---|-------------------|--|----------------|
| ess: 14229 Punta Corpus Christi   | ney<br>naire   |  |  | OVO   |                   | _  |                |
| ess: 14229 Punta<br>Corpus Christi  | naire  |  | 2  |   | •                 | _  |                |
|   |  |  | Company: Oil and Gas   | S   |                   |  |                |
|   | State: TexasZip:   | p: 78412   | Attn:  |   |                   |  | _              |
| Phone #: 361-658-3126   | Fax #:   |  | Address:   |   |                   |  |                |
| Project #: NVONM2206/001  | Project Owner:   | Bryan Haney  | City:  |   |                   |  |                |
| Project Name: Navo Ovation  | Newo Ovation O Pad release   | nasalack   | State: Zip:  |   |                   |  |                |
| Project Location: Loving New Mexico   | Mexico Ala   | deleaso  | Phone #:   |   | )                 |  |                |
| 7   | Bryan Haney  | Mark Masio   | Fax #:   |   | E C               |  | _              |
| FOR LAB USE ONLY  | D  |  | PRESERV. SAMPLING  | LING  | г:                |  |                |
| Lab I.D. Sample I.D.  | (G)RAB OR (C)OMP   | # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE  | OTHER: ACID/BASE: ICE / COOL OTHER:  | XE - B  | SED BO            |  |                |
| 21 10-21  | (2-25)   | _ (  | ×  | XXX   | ×                 |  |                |
| 21-40, 2  | Q-25') C   | ×  | 6  | 7/527 X   | ×                 |  |                |
|   | 0  | ×  | ×  | ×   | ×                 |  |                |
|   | C  | ×  | ×  | ×   | ×                 |  |                |
|   | 0  | ×  | ×  | ×   | ×                 |  |                |
|   | C  | ×  | ×  | ×   | ×                 |  |                |
|   | C  |  | ××   | ×   | ×                 |  |                |
|   | 000  | < >  | < >  | < >   | < ×               |  |                |
|   | 2 0  |  | ×  | × ;   | × >               |  |                |
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| Relinquished By:  | By Stoller   | Received By:   | 11110  | Verbal Result: [  | ☐ Yes ☐ No        | Add'I Phone #:   |                |
|   | 125.20L  | Dunard L   |  | All Kesulis are ema   | lled. Flease prov | All Results are emailed. Flease provide Email address:         |                |
| Relinquished By:  | Date: R  | Received By:   |  | REMARKS:  |                   |  |                |
| Delivered By: (Circle One)  Sampler - UPS - Bus - Other:  | Corrected Tamp. C  | O.S Sample Condition Cool Intact Pes Pres  | CHECKED BY:<br>(Initials)  | Turnaround Time:  | Standard<br>Rush  | Bacteria (only) Sample Condition Cool Intact Observed Temp. °C | mple Condition |



February 07, 2023

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO PAD A RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/06/23 16:33.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Received: 02/06/2023 Reported: 02/07/2023

Project Name: NOVO PAD A RELEASE
Project Number: NVONM2205/001
Project Location: LOVING NM

Sampling Date: 02/04/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PA - 11 3-3.5' (H230513-01)

| TPH 8015M                     | mg/    | kg              | Analyze    | d By: MS     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/07/2023 | ND           | 206 | 103        | 200           | 0.479 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 02/07/2023 | ND           | 211 | 105        | 200           | 1.03  |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 02/07/2023 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 122 %  | % 48.2-13       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 124 %  | % 49.1-14       | 8          |              |     |            |               |       |           |

### Sample ID: PA - 13 3-3.5' (H230513-02)

| TPH 8015M                     | mg/    | kg              | Analyze    | d By: MS     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/07/2023 | ND           | 206 | 103        | 200           | 0.479 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 02/07/2023 | ND           | 211 | 105        | 200           | 1.03  |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 02/07/2023 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 73.0 9 | % 48.2-13       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 80.1 9 | % 49.1-14       | 18         |              |     |            |               |       |           |

### Sample ID: PA - 17 3-3.5' (H230513-03)

| Chloride, SM4500Cl-B | mg,    | /kg             | Analyze    | d By: AC     |     |            |               |      |           |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride             | 832    | 16.0            | 02/07/2023 | ND           | 432 | 108        | 400           | 0.00 |           |

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



### Analytical Results For:

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

Received: 02/06/2023 Sampling Date: 02/04/2023

Reported: 02/07/2023 Sampling Type: Soil

Project Name: NOVO PAD A RELEASE Sampling Condition: Cool & Intact
Project Number: NVONM2205/001 Sample Received By: Shalyn Rodriguez

Project Location: LOVING NM

### Sample ID: PA - 18 3-3.5' (H230513-04)

| Chloride, SM4500Cl-B          | mg     | /kg             | Analyze    | d By: AC     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                      | 2280   | 16.0            | 02/07/2023 | ND           | 432 | 108        | 400           | 0.00  |           |
| TPH 8015M                     | mg     | /kg             | Analyze    | d By: MS     |     |            |               |       |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/07/2023 | ND           | 206 | 103        | 200           | 0.479 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 02/07/2023 | ND           | 211 | 105        | 200           | 1.03  |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 02/07/2023 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 90.0   | % 48.2-13       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 91.8   | % 49.1-14       | 8          |              |     |            |               |       |           |

### Sample ID: PA - 19 3-3.5' (H230513-05)

| Chloride, SM4500Cl-B          | mg     | /kg             | Analyze    | d By: AC     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                      | 1170   | 16.0            | 02/07/2023 | ND           | 432 | 108        | 400           | 0.00  |           |
| TPH 8015M                     | mg     | /kg             | Analyze    | d By: MS     |     |            |               |       |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/07/2023 | ND           | 206 | 103        | 200           | 0.479 |           |
| DRO >C10-C28*                 | 379    | 10.0            | 02/07/2023 | ND           | 211 | 105        | 200           | 1.03  |           |
| EXT DRO >C28-C36              | 37.1   | 10.0            | 02/07/2023 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 92.4   | % 48.2-13       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 87.7   | % 49.1-14       | 8          |              |     |            |               |       |           |

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### Analytical Results For:

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

Received: 02/06/2023 Reported: 02/07/2023

02/07/2023 NOVO PAD A RELEASE

NVONM2205/001

Project Location: LOVING NM

Sampling Date: 02/04/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: PA - 20 3-3.5' (H230513-06)

Project Name:

Project Number:

| TPH 8015M                     | mg/    | kg              | Analyze    | d By: MS     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/07/2023 | ND           | 206 | 103        | 200           | 0.479 |           |
| DRO >C10-C28*                 | 52.6   | 10.0            | 02/07/2023 | ND           | 211 | 105        | 200           | 1.03  |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 02/07/2023 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 97.1 9 | % 48.2-13       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 98.3 9 | % 49.1-14       | 18         |              |     |            |               |       |           |

### Sample ID: PA - 21 3-3.5' (H230513-07)

| Chloride, SM4500Cl-B          | mg,    | /kg             | Analyze    | d By: AC     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                      | 208    | 16.0            | 02/07/2023 | ND           | 432 | 108        | 400           | 0.00  |           |
| TPH 8015M                     | mg,    | /kg             | Analyze    | d By: MS     |     |            |               |       |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 02/07/2023 | ND           | 206 | 103        | 200           | 0.479 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 02/07/2023 | ND           | 211 | 105        | 200           | 1.03  |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 02/07/2023 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 97.5   | % 48.2-13       | 4          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 101    | % 49.1-14       | 8          |              |     |            |               |       |           |

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Celey D. Keene



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

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

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

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

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Celeg D. Freene



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|  | ,   |   | ľ   | ľ                             | l   | l   | ı              | ı                | ı           | ı                   | ı              | ı        |            |       |   |   |            |        |                |           |                                     |                   |
|--|---|---|---|-------------------------------|---|---|----------------|------------------|-------------|---------------------|----------------|----------|------------|-------|---|---|------------|--------|----------------|-----------|-------------------------------------|-------------------|
| Company Name:  |   | Altamira  |   |                               |   |   |                |                  |             |                     | 13             | 1        | B          | E     | BILL TO   |   |            |        |                | AN        | ANALYSIS REQI                       | REQUEST           |
| Project Manager:   | Bryan Haney   | ney   |   |                               |   |   |                |                  |             | P.O.                | 0              | #        | D          | ē     | Direct Bill Novo                                    | OVO   |            |        | _              | $\exists$ |                                     |                   |
| Address: 14  | 14229 Punta Bonaire   | onaire  |   |                               |   |   |                |                  | /           | C                   | ğ              | ban      | y:         | 2     | Company: Oil and Gas                                | se  |            |        |                | _         |                                     |                   |
| city: Corpu  | Corpus Christi  | State: Texaszip:  | aszi  | Ö                             | 78  | 78412   | 2              |                  |             | Attn:               | 2              |          |            |       |   |   |            |        |                |           |                                     |                   |
| Phone #: 361-  | 361-658-3126  | Fax#:   |   |                               |   |   |                |                  |             | Ad                  | dre            | Address  |            |       |   |   |            |        |                |           |                                     |                   |
| Project #: NVC   | NM2204/001  | (10) Project Owner:   | er:   | B                             | Bryan Haney   | H   | ne             | <                |             | City:               | ?              |          |            |       |   |   |            |        |                |           |                                     |                   |
| Project Name:  | Victoria Ovali  | Of Pad release  | P   | 1                             | NOUDPAN   | 0   | Z              | 7                | A           | State:              | ate            |          |            | N     | Zip:  |   |            |        |                |           | _                                   |                   |
| Project Location:  | : Loving New Mexico   | w Mexico  |   |                               | Release   | 83  | 0              |                  |             | Ph                  | 9              | Phone #: |            |       |   |   |            |        |                | _         | _                                   |                   |
| Sampler Name: Orlando Gonzalez   | Orlando Gonz  | alez, Bryan Haney Mark Masio  | lev   | ≤a                            | rk N  | las   | 0              |                  |             | Fax #:              | *              |          |            |       |   |   |            |        | 0              |           |                                     |                   |
| FOR LAB USE ONLY   |   | - 1   | ,   | $\dashv$                      | П   |   | MATRIX         | 굕                |             |                     | 꿁              | ES       | PRESERV.   | +     | SAME  | SAMPLING  |            |        |                |           |                                     |                   |
| Lab I.D.   | Samp  | Sample I.D.   | AB OR (C)OMP  | NTAINERS                      | JNDWATER  | TEWATER   |                |                  | GE          | R:                  | BASE:          | COOL     |            |       |   |   | n – w      | D -1   | 10 <u>2</u> 01 |           |                                     |                   |
| H230513  |   |   | (G)R  | -                             | GRO   | -   | SOIL           | OIL              | SLU         | OTH                 | ACID           | ICE/     | ОТНЕ       | -     | DATE  | TIME  | ×          | I      | S              |           |                                     |                   |
|  | [A-1]   | 3-3.5   | 0   | -                             |   |   | ×              |                  |             |                     |                | ~        | _          |       | SAKES   | 088   | *          | ×      | *              | П         |                                     |                   |
| 2  | PA-13   | 3-3.5'  | 0   | _                             |   |   | ×              |                  |             |                     |                | ×        | -          |       | ZYHBZ   | 2500  | *          | ×      | *              |           |                                     |                   |
| CU   | DX-17   | 3-3.5   | 0   | _                             |   |   | ×              |                  |             |                     |                | ×        |            |       | 54412   | 930   | *          | *      | ×              |           |                                     |                   |
| 4  | KA - 18   | 3-3.5'  | 0   | -                             |   |   | ×              |                  |             |                     |                | ×        |            | 2     | M/c3  | 2890  | *          | ×      | ×              |           |                                     |                   |
| 0  | 14 - 14   | 3-3.5   | 0   | -                             |   |   | ×              |                  |             |                     |                | ×        |            | 21    | 14/23   | OHPE  | *          | ×      | ×              |           |                                     |                   |
| ic   | 04-20   | 3-3,5'  | 0   | _                             |   |   | ×              |                  |             |                     |                | ×        |            | 10    | HP3   | 5hb0  | *          | ×      | *              |           |                                     |                   |
| 7  | 12-44   | 3-3.5   | 0   | _                             |   |   | ×              |                  |             |                     |                | ×        |            | 10    | 1/6/23  | 890   | *          | ×      | ×              |           |                                     |                   |
|  |   |   | 0   |                               |   |   | ×              |                  |             |                     |                | ×        |            |       | 1   |   | ×          | ×      | ×              |           |                                     |                   |
|  |   |   | 0   |                               |   |   | ×              |                  |             |                     |                | ×        |            |       |   |   | ×          | ×      | ×              |           |                                     |                   |
| DI BAGE NOTE: LEVEL III  |   |   | 5   |                               |   |   | ×              | L                |             |                     |                | ×        |            |       |   |   | ×          | ×      | ×              |           |                                     |                   |
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| Relinquished By:   |   | Date: 0-23  | Re  | Cei                           | Received By:  | Y:  | 4              | - 1              | ١.          | - 1                 | - 1            | - 1      |            | - 1   |   | Verbal Result:  | ult:       | □ Yes  | □ No           | Add'      | Add'l Phone #:                      |                   |
| M  | W   | Time:   |   | CX                            | R   | 2   | 0              | 2                | - '         | 0                   | 2              |          | 0          | 7     | >   | All results are emailed.  | are em     | diled. | riease pro     | vide En   | riedse provide Email address:       |                   |
| Kelinquished av.   | J   | Date:   | Re  | cei                           | Received By:  | Y:  |                |                  |             | -                   |                |          | 1          |       | C   | REMARKS   | 2          |        | 0              | 4         | 7                                   |                   |
| Delivered By: (Circle One)   | cle One)  | Opparyed Tamp. "C   | 3   |                               |   | Sample Condition  | e              | onc              | ÷           | 3                   |                | 2        | 5          | Ĥ     |   | Turnaround Time:  | 1          |        | 7              | -         | Drafterio (anti-)                   |                   |
| Sampler - UPS - Bus - Other:   | us - Other:   | Corrected Temp. "C  | 27.00   | 7 00                          |   | Z8.   | Yes Yes        | Intact<br>es 🖂 Y | es          | - 3                 | X              | 2)       | (lpitials) | ials  |   | Thermometer ID #113   | ID #1      |        | Rush           | Q         | Cool Intact Observed Temp.  Yes Yes | Observed Temp. °C |
|  |   |   |   | ,                             |   |   |                |                  |             |                     |                |          |            |       |   | ,   |            |        |                |           |                                     |                   |



February 21, 2023

**BRYAN HANEY** 

ALTAMIRA - US

14229 PUNTA BONAIRE DR.

CORPUS CHRISTI, TX 78418

RE: NOVO A PAD RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/20/23 16:40.

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

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



### Analytical Results For:

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

Fax To:

Received: 02/20/2023 Reported: 02/21/2023

Project Name: **NOVO A PAD RELEASE** Project Number: NOVONM2205/001 Project Location: LOVING NEW MEXICO

Sampling Date: 02/18/2023

Sampling Type: Soil

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

Sample ID: PA 17 (4-4.5') (H230780-01)

Chloride, SM4500Cl-B Analyzed By: AC Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result 400 Chloride 240 16.0 02/21/2023 ND 100 400 3.92

Sample ID: PA 18 (4-4.5') (H230780-02)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 816 16.0 02/21/2023 ND 400 100 400 3.92

Sample ID: PA 19 (4-4.5') (H230780-03)

| Chloride, SM4500CI-B      | mg,    | /kg             | Analyze    | d By: AC     |     |            |               |      |           |
|---------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                   | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                  | 560    | 16.0            | 02/21/2023 | ND           | 400 | 100        | 400           | 3.92 |           |
| TPH 8015M                 | mg,    | /kg             | Analyze    | d By: MS     |     |            |               |      |           |
| Analyte                   | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*               | <10.0  | 10.0            | 02/21/2023 | ND           | 202 | 101        | 200           | 1.97 |           |
| DRO >C10-C28*             | 23.8   | 10.0            | 02/21/2023 | ND           | 190 | 95.1       | 200           | 6.96 |           |
| EXT DRO >C28-C36          | <10.0  | 10.0            | 02/21/2023 | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane | 71.7   | % 48.2-13       | 4          |              |     |            |               |      |           |

71.6% 49.1-148 Surrogate: 1-Chlorooctadecane

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



### **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

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Kune

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



|  | (575) 393-2326  | FAX (575) 393-2476  | 6                             | ı                        | ı                          | ı                               | ı           | 4               | 1        | 1             | 1            | 4                          | :1          | d                    | 1        | 1      | 1               | 1                | 1  | ١                | 1   | ١        | ١                | ا⊴      | ANAI YSIS                 | <u>8</u>                 |          | 劎                     | REQUEST  | ŝ   | 1    | - 1       | - 1      |                    |          |     |
|--|---|---|-------------------------------|--------------------------|----------------------------|---------------------------------|-------------|-----------------|----------|---------------|--------------|----------------------------|-------------|----------------------|----------|--------|-----------------|------------------|--|------------------|---|----------|------------------|---------|---------------------------|--------------------------|----------|-----------------------|--|-----|------|-----------|----------|--------------------|----------|-----|
| Company Name:  | Altamira  | iica  |                               |                          |                            |                                 |             | +               |          |               |              | BILL                       | E           | -                    | 2        |        | 1               |                  | 1  | -                | 1   | 1        | 1                | 4       | 1                         | 1                        |          | _                     | ľ  | 7   | _    |           | $\dashv$ |                    | $\dashv$ | - 1 |
| Project Manager:   | Bryan Haney   | AA  |                               |                          |                            |                                 |             | +               | P.O.     | #             | L            | R                          | ec          | Direct Bill Novo     | E        | 0      | 0               |                  | _  | _                |   |          |                  | _       |                           |                          |          |                       |  |     |      |           | _        |                    | _        |     |
| Address: 142   | 4229 Punta Bor  | Bonaire   |                               |                          |                            |                                 |             | -               | Cor      | du            | any          | 0                          | =           | Company: Oil and Gas | 0        | as     |                 |                  |  | _                |   |          |                  | _       |                           |                          |          |                       |  |     |      |           | _        |                    | _        |     |
| city: Corpus Christi   | Christi   | State: Texaszip:  | Zip:                          | 7                        | 8412                       | N                               |             | 1               | Attn:    | 133           |              | 1                          |             | 1                    | 1        |        |                 |                  |  | _                |   |          |                  | _       |                           |                          |          |                       |  |     |      |           | _        |                    | _        |     |
| #  | 361-658-3126  | Fax#III 77  | 7                             | 1001                     |                            |                                 |             |                 | Address: | dre           | SS           |                            |             |                      |          | 1      |                 |                  | _  | _                |   |          |                  | _       |                           |                          |          |                       |  |     |      |           |          |                    | _        |     |
| *  | 1001  | Project Owner:  | B                             | Bryan                    | Ha                         | Haney                           | <           |                 | City:    | ×             |              |                            |             |                      |          |        |                 |                  |  | _                |   |          |                  | _       |                           |                          |          |                       |  |     |      |           |          |                    | _        |     |
| Project Name:  | thus Oration  | Ded shake   | 3                             | 3 ones                   | OF.                        | 1                               | 31          |                 | State:   | te:           |              |                            | Zip:        | Ď.                   |          |        |                 |                  | _  | _                |   |          |                  | _       |                           |                          |          |                       |  |     |      |           | _        |                    | _        |     |
| Toject Institution   | Loving New Mexico   | Mayion  | 1                             | THE PERSON NAMED IN      | Kerena                     | 3                               | 8           |                 | Phone    | one           | #            |                            |             |                      |          |        |                 |                  |  | _                |   | 5        |                  | _       |                           |                          |          |                       |  | _   |      |           | _        |                    | _        |     |
| Floject Location.  | Contraction of  | -   | Toloy                         |                          |                            |                                 |             |                 | Fax #:   | #             |              |                            |             |                      |          |        |                 |                  | _  | _                |   | T        |                  | _       |                           |                          |          |                       |  | _   |      |           | _        |                    | _        |     |
| Sampler Name: O  | Gonzalez, S.  | .Waters, J.Gonzalez   | allez                         | 1                        |                            |                                 |             | L               | 9        | 8             | 200          |                            | 1           |                      | SAMPLING |        | S S             | 1                | +  | _                |   |          | _                | _       |                           |                          |          |                       |  | _   |      |           |          |                    | _        |     |
| FOR LAB USE ONLY   |   |   | IP.                           |                          |                            | MATRIX                          |             |                 |          | 7             | PAROENY      | 2                          | 1           |                      | 5        |        | 1               |                  | _  |                  |   | 0 0      |                  | _       |                           |                          | _        |                       |  |     |      |           |          |                    | _        |     |
| Lab I.D.   | Sample I.D.   | e I.D.  | G)RAB OR (C)OM                | # CONTAINERS GROUNDWATER | WASTEWATER                 | SOIL                            | OIL         | SLUDGE          | OTHER:   | ACID/BASE:    | ICE / COOL - | OTHER:                     |             | 2                    | DATE     |        | 크               | TIME             |  | ×m-m             | エマー   | om D Z C | 07.11.0 22       |         |                           |                          | -        |                       |  |     |      |           |          |                    | -        | 1   |
| DSI OCKH   | W) 11 KG  | -4.51)  |                               | _                        | V                          | y S                             |             | 5               | (        | 1             | J            | -0                         | 12          | 1                    | 18/23    | 000    | 0               | 030              | 1  | T                | ×   |          | ×                |         |                           |                          | +        |                       |  | +   |      | $\top$    | _        |                    | +        |     |
| 1  | 2 10 74   | 1-4.6'  | 0                             | -                        |                            | ~                               |             |                 |          |               | ~            | ^                          | 21          | 1/2                  | 82/8     | -      | 0               | 1075             | J  | *                | ×   | 1        | ×                | 1       |                           |                          | +        |                       |  | +   |      | $^{+}$    |          |                    | +        |     |
| N.   | 7 10 74   | 134-  | 0                             | -                        |                            | ><                              |             |                 |          |               | ×            |                            | 1           | =                    | 823      | ~      | 030             | 8                | 7  | *                | ×   |          | ×                | 1       |                           | T                        | +        |                       | 1  | +   |      | +         | 1        |                    | 1        |     |
|  | 4   |   | O                             |                          |                            | ×                               |             |                 |          |               |              | P                          | +           | 1                    | 1        | +      |                 |                  | +  | ×                | ×   | Ť        | ×                | 1       |                           | T                        | +        |                       | T  | +   |      | +         |          |                    | -        |     |
|  |   |   | 0                             | H                        |                            | ×                               |             |                 |          |               | ×            | r                          | ٠           |                      |          | +      |                 | 1                | +  | >                | 5   | Ť        | 2                | 1       |                           | T                        | +        |                       | T  | +   |      | $\forall$ |          |                    | 4        |     |
|  |   |   | C                             | -                        |                            | ×                               |             |                 |          |               |              | ^                          |             | 1                    |          | +      |                 |                  | +  | ×                | ×   | T        | ×                | $\perp$ |                           | 1                        | +        |                       | T  | +   |      | +         |          |                    | 1        | - 1 |
|  |   |   | O                             | H                        |                            | ×                               |             |                 |          |               |              | ×                          | +           |                      |          | +      |                 | 1                | +  | < >              |   | 1        | < >              |         | 1                         |                          | +        |                       | $\top$   | +   |      | +         |          |                    |          |     |
|  |   |   | 20                            | +                        | +                          | ×                               |             |                 |          | $\rightarrow$ |              | × >                        | -           |                      |          | -      |                 |                  | +  | ×                | ×   |          | ×                |         |                           |                          | $\vdash$ |                       |  | Н   |      |           |          |                    |          |     |
|  |   |   | ) (                           | +                        | +                          | ×                               |             |                 |          | $\neg$        |              | ×                          |             |                      |          |        |                 |                  | -  | ×                | ×   | H        | ×                | L       |                           | Г                        | ⊢        | ı                     | Г  | L   | П    | H         | L        | Г                  | L        |     |
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| affiliates or successors arising out of or related to the per Relinquished By: | out of or related to the perfo  | mance of services hersunder by Date:  | Received By:                  | Received By              | By S                       | 1                               | Shirt Shirt | claim is based  | is be    | 1             |              | All VI                     | 11          |                      | the/     |        | Veri Veri       | esu              | Verbal Result:<br>All Results are  | E 61             | nalled Y  | d. es    | ease pro         | provi   | Verbal Result: ☐ Yes ☐ No | naii a                   | ddre#    | SS                    |  |     |      |           |          |                    |          | 1 1 |
| Relinquished By  |   | Date:   | Z C                           | Received By              | <u>а</u><br>В              |                                 |             | 1               | 1        | 4             | 4            | 4                          | Υ           |                      | 7        |        | 8               | REMARKS          | XS:  |                  | 10  | 10       | 7                | _       | 7                         |                          | -1       | 7                     | 1  |     |      |           |          |                    |          | 1   |
| Delivered By: (Circle One)   | rcle One)   | Observed Temp. *C   | 1                             |                          | S S                        | Sample Condition<br>Cool Intact | E CO        | C B             | \ on     |               | . 0          | = H                        | (Initials)  | (Initials)           | 3        | _      | Tur             | naro             | und  | Turnaround Time: | 2   |          | Standard<br>Rush | ard     | -QC                       | Bacteria (on Cool Intact | Yes      | a (oi<br>litact<br>∐Y | Bacteria (only) Sample Condition Cool Intact Observed Temp. □Yes □ Yes | Obs | ervi | ed T      | emp      | Observed Temp. °C  |          |     |
| Sampler - UPS - Bus - Other:   | Bus - Other:  | Corrected Tamp. °C  | 1                             | 7                        | חר                         | TYes TYes                       | 10          | : 3             | S        | _             | 9            | <                          | 7           | C                    | ,        |        | Ther            | MOM              | neter  | D                | Thermometer ID #113<br>Carrection Feator -0.5°C |          |                  |         | -                         |                          | No II No | P                     | 6  | င္ပ | rect | ed        | em       | Corrected Temp. °C | ľ        | 1   |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 207956

### **CONDITIONS**

| Operator:                             | OGRID:                                    |
|---------------------------------------|---|
| NOVO OIL & GAS NORTHERN DELAWARE, LLC | 372920                                    |
| 1001 West Wilshire Blvd               | Action Number:                            |
| Oklahoma City, OK 73116               | 207956                                    |
|                                       | Action Type:                              |
|                                       | [C-141] Release Corrective Action (C-141) |

### CONDITIONS

| Created | By Condition   | Condition<br>Date |
|---------|--|-------------------|
| rhaml   | We have received your closure report and final C-141 for Incident #NAPP2235736440 RANA SALADA FED COM 0605-23H, thank you. This closure is approved. | 9/1/2023          |