

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

QUESTIONS

Action 117591

**QUESTIONS**

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 117591
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Location of Release Source</b>	
<i>Please answer all of the questions in this group.</i>	
Site Name	20220612-0130-prodops Nandina CTB
Date Release Discovered	06/12/2022
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all of the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Human Error   Production Tank   Crude Oil   Released: 22 BBL   Recovered: 0 BBL   Lost: 22 BBL ]
Produced Water Released (bbls) Details	Not answered.
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Load bucket valve was left open.

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QUESTIONS, Page 2

Action 117591

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	No, minor release.
Reasons why this would be considered a submission for a notification of a major release	
If YES, was immediate notice given to the OCD, by whom	Not answered.
If YES, was immediate notice given to the OCD, to whom	Not answered.
If YES, was immediate notice given to the OCD, when	Not answered.
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Not answered.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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ACKNOWLEDGMENTS

Action 117591

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	Action Number: 117591
	Action Type: [NOTIFY] Notification Of Release (NOR)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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CONDITIONS

Action 117591

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	Action Number: 117591
	Action Type: [NOTIFY] Notification Of Release (NOR)

**CONDITIONS**

Created By	Condition	Condition Date
aparker1969	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/15/2022

Spill Dimensions to Volume of Release			
<b>Input</b>	<b>volume of affected soil</b>	<b>[feet^3]</b>	<b>3468.85</b>
<b>Input</b>	Porosity: typically is .35 to .40 for most soils	[ - ]	0.35
<b>Input</b>	Proportion of porosity filled with release fluid [0,1]	[ - ]	0.10
<b>Output</b>	volume of fluid	[feet^3]	<b>121.4</b>
		[gal]	<b>908.2</b>
		Barrels	21.6

From GIS

Sq. Ft      9911

Depth (ft)      0.35

Cu. Ft      3468.85

Incident ID	nAPP2216652453
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release? <b><u>Plate 2</u></b>	<u>&gt;100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? <b><u>Plate 4</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? <b><u>Plate 4</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? <b><u>Plate 5</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? <b><u>Plate 4</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? <b><u>Plate 4</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? <b><u>Plate 4</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland? <b><u>Plate 6</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine? <b><u>Plate 7</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology? <b><u>Plate 8</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain? <b><u>Plate 9</u></b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

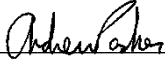
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile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

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

## Oil Conservation Division

Incident ID	nAPP2216652453
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Andrew ParkerTitle: Env. ScientistSignature: Date: October 10, 2022email: aparker@ameredev.comTelephone: 970-570-9535**OCD Only**Received by: Jocelyn HarimonDate: 10/10/2022

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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Andrew ParkerTitle: Env. ScientistSignature: Date: October 10, 2022email: aparker@ameredev.comTelephone: 970-570-9535**OCD Only**Received by: Jocelyn Harimon Date: 10/10/2022☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



Incident ID	nAPP2216652453
District RP	
Facility ID	
Application ID	

## Closure

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

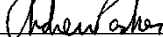
**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Andrew Parker

Title: Env. Scientist

Signature: 

Date: October 10, 2022

email: aparker@ameredev.com

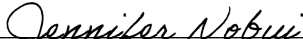
Telephone: 970-570-9535

**OCD Only**

Received by: Jocelyn Harimon

Date: 10/10/2022

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

Closure Approved by:  Date: 10/25/2022

Printed Name: Jennifer Nobui

Title: Environmental Specialist A



Ameredev II, LLC

2901 Via Fortuna Suite 600 • Austin, Texas 78746 • Phone (737) 300-4700

October 10, 2022

NM Oil Conservation Division  
Environmental Bureau  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

RE: Closure Report  
Incident ID: nAPP2216652453  
Nandina CTB  
AEP #: 20220612-0130-prodops

NMOCD:

Ameredev Operating submits this closure report for the above referenced incident. We ask closure for the regulatory file.

Ameredev Operating submits this report containing characterization and remediation/restoration interventions for incident number nAPP2216652453. The release occurred on June 12, 2022 from a load bucket valve that was left open. The calculated volume of released crude oil was 21.6 barrels.

The release occurred on an active production site and flowed onto a pipeline and utility right-of-way (ROW) for oil and gas operations. The release is located on Federal surface. The coordinates of the release point are 32.0817905, -103.3028526 (Lat, Long; NAD83). The release did not impact surface or groundwater. Figure 1 shows the source of the release; Figures 2 and 3 show the extent of the release.

*Figure 1: Photo of release area viewing southwest toward the source from the northeast extent of the release.*

*Date/Time: 2022-06-12 13:51:27.*

*GPS: 32.0818181, -103.3025933*



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Figure 2: Photo of release area viewing west from eastern extent of the release.

Date/Time: 2022-06-12 13:52:02.  
GPS: 32.0815242, -103.3026303



Figure 3: Photo of release area viewing north from the southern extent of the release.

Date/Time: 2022-06-12 13:58:14. GPS: 32.0811017, -103.3032267

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Released to Imaging: 10/25/2022 2:24:38 PM



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AEP #: 20220612-0130-prodops

## 1. Characterization

The following sections address items as described in 19.15.29.11.A, paragraphs 1- 4. Please refer to the C-141 characterization checklist for additional setback criteria and verification (Plates 2-9).

### 1.1. Site Map

Horizontal extent of the release was determined by visual observations. The release extent mapping utilized GPS technology with sub-meter accuracy.

Plate 1 shows the release extent relative to the Nandina CTB production facilities, ROW and nearby utilities. The source of the release is located at 32.0817905, -103.3028526 (Lat, Long; NAD83). The release extent covered an area of approximately 10,237 sq. ft.

### 1.2. Depth to Ground Water

To provide adequate depth to water determination within ½-mile of the release extent, Ameredev Operating initiated a depth-to-water borehole program mid-September 2022:

- Boreholes are located throughout Ameredev Operating leases in New Mexico.
- Located within ½-mile of identified areas, and
- Drilled to a depth of approximately 101-feet below ground surface, left open for 72-hours, then gauged for the presence of groundwater within the upper 100-feet of ground surface.

The depth to water boring nearest to the release area is mapped on Plate 2 as MISC-409 (CP-1920 POD 1) is located 0.14-miles southeast of release. Depth to water is greater than 101 ft below ground surface. The Well Log is presented in Appendix B.

### 1.3. Wellhead Protection Area

Plate 3 shows that the release extent is:

- Not within incorporated municipal boundaries or within a defined municipal fresh water well field.
- Not within ½-mile private and domestic water sources (wells and springs).
- Not 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
- Not within 1000 feet of any other fresh water well or spring.

### 1.4. Distance to Nearest Significant Water Course

Plate 4 shows that the release extent is:

- Not within ½ mile of any significant water course.
- Not within 300 feet of a continuously flowing watercourse or any other significant watercourse.
- Not within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

The closest significant water course is an intermittent stream 0.85 miles to the northwest of the release extent.

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### 1.5. Soil/Waste Characteristics

The release occurred in an area where depth to water is greater than 100 ft below ground surface (bgs) and on an active production site and ROW used for oil and gas operations.

The release occurred in the Pyote and Maljamar fine sands soil complex with a slope of 0 – 3%<sup>1</sup>. The USDA Natural Resources Conservation Service (NRCS) soil survey describes the upper 5-feet of the Pyote-Maljamar lithology as

- 0 to 30 inches: fine sand
- 30 to 60 inches: fine sandy loam

The lithology as described by the NRCS is consistent with professional observations during excavation activities within the area of interest.

## 2. Remediation & Restoration

Release extent was divided into sample grids of not more than 200 sq ft. A soil sample was collected from each grid centroid base and along excavation walls for laboratory analysis of chloride, TPH, Benzene, and BTEX.

- Plate 10 shows the confirmation sample grid layout with square footage.
- Plate 11 shows the confirmation sample locations.
- Table A shows the coordinates of the confirmation sample points.

Ameredev excavated within the release extent until the walls and bases met Closure Criteria per Table 1 of 19.15.29 NMAC as defined below.

- For the release areas off site along a right-of-way and where depth to water is > 100 ft:
  - Upper 4-feet
    - Chloride < 600 mg/kg
    - TPH (GRO + DRO + MRO) < 100 mg/kg
    - BTEX < 50 mg/kg
    - Benzene < 10 mg/kg
  - Below 4-feet
    - Chloride < 20,000 mg/kg
    - TPH (GRO + DRO + MRO) < 2,500 mg/kg
    - TPH (GRO + DRO) < 1,000 mg/kg
    - BTEX < 50 mg/kg
    - Benzene < 10 mg/kg

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<sup>1</sup> <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

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Nandina CTB

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- For the release area on an active production site that is in use for oil and gas operations and where depth to water is > 100 ft:
  - Chloride < 20,000 mg/kg
  - TPH (GRO + DRO + MRO) < 2,500 mg/kg
  - TPH (GRO + DRO) < 1,000 mg/kg
  - BTEX < 50 mg/kg
  - Benzene < 10 mg/kg

An estimated 1,095 cu. yds. of material was excavated and hauled off-site to an approved disposal facility. Figures 4-6 show the excavation extent. Summary of analytical is presented in Table B. Laboratory Certificates of Analysis are presented in Appendix C.



Figure 4: Southwestern extent of release facing north northeast.

Date Taken: 2022-08-24 15:33:14

GPS: 32.0812567, -103.3031036



Figure 5: Facing northwest from eastern portion of ROW excavation.

Date Taken: 2022-08-24 15:32:06

GPS: 32.0812703, -103.3030442

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*Figure 6: Facing west from the eastern extent of the on-pad excavation.*

*Date Taken: 2022-09-09 13:47:35  
GPS: 32.0815528, -103.3025731*

The portion of the release extent that is off-site and within the ROW was remediated, restored and reclaimed per 19.15.29.13.D NMAC to the condition prior to the release. The release extent on the active production site was remediated and restored per 19.15.29.C.12.C.(2) and 19.15.29.13.A-C NMAC. Figures 7-9 show the restoration for on pad and off pad areas. Final remediation and reclamation for the on-pad area shall take place in accordance with 19.15.29.12 and 19.15.29.13 NMAC when the production site is no longer in-use for oil and gas operations.



*Figure 7: Restored production site surface viewing northwest from eastern on-site release extent.*

*Date Taken: 2022-09-16  
08:57:56  
GPS: 32.0815447, -103.3025903*

10/10/2022

Released to Imaging: 10/25/2022 2:24:38 PM



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*Figure 8: Reclaimed ROW viewing north-northwest from the western eastern excavation extent along the ROW.*

*Date Taken: 2022-09-16 07:59:53  
GPS: 32.0817117, -103.3032131*



*Figure 9: Reclaimed ROW viewing north from the southern edge of the off-site release extent.*

*Date Taken: 2022-09-16 08:01:13  
GPS: 32.0810889 N, -103.3032389*

Please contact me with any questions.

Sincerely,  
Ameredev II, LLC



Andrew Parker  
Env. Scientist

Copy: Dayeed Kahn, Ameredev II, LLC  
Jim Amos, Bureau of Land Management – Carlsbad Field Office.

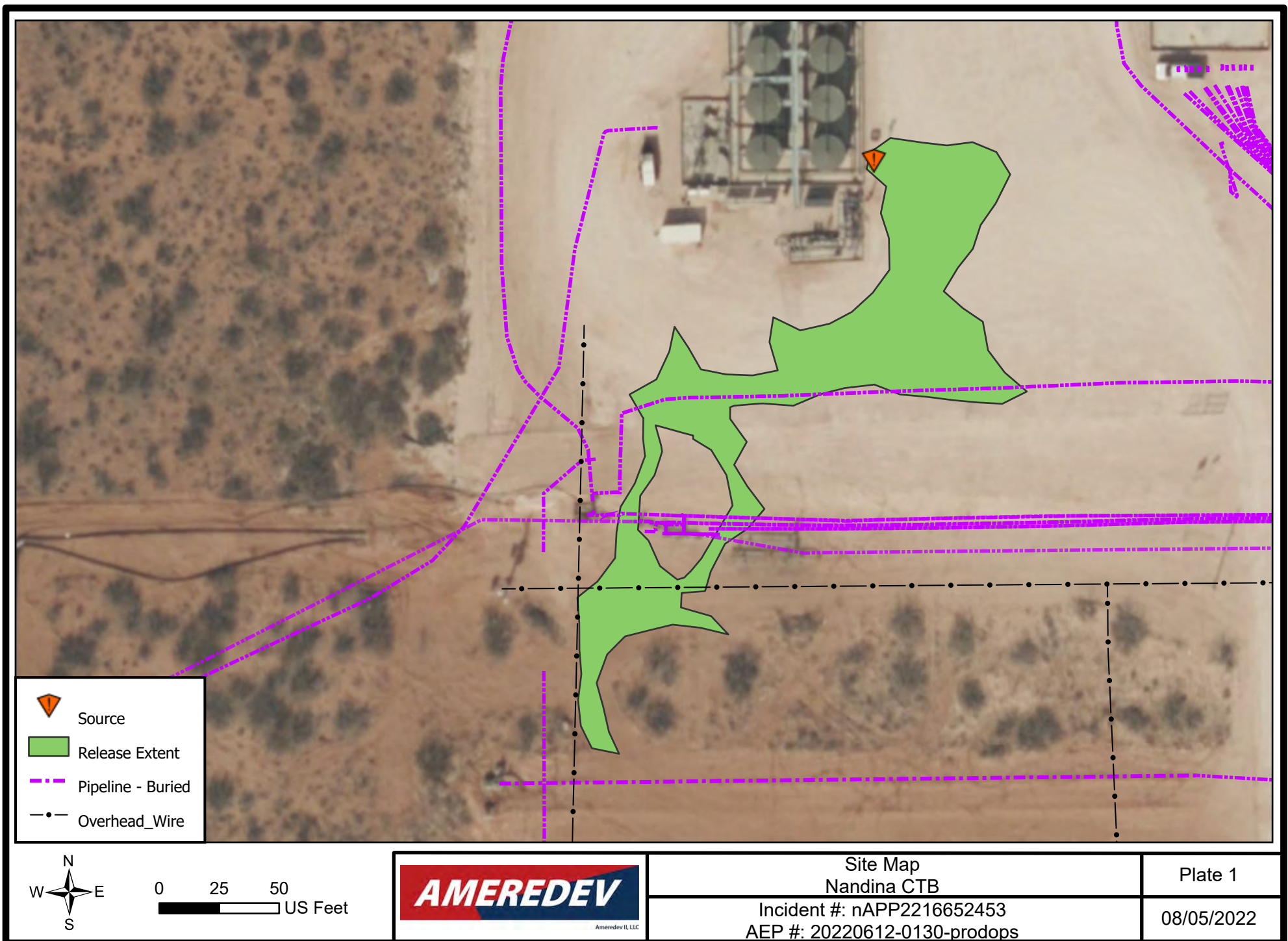
10/10/2022

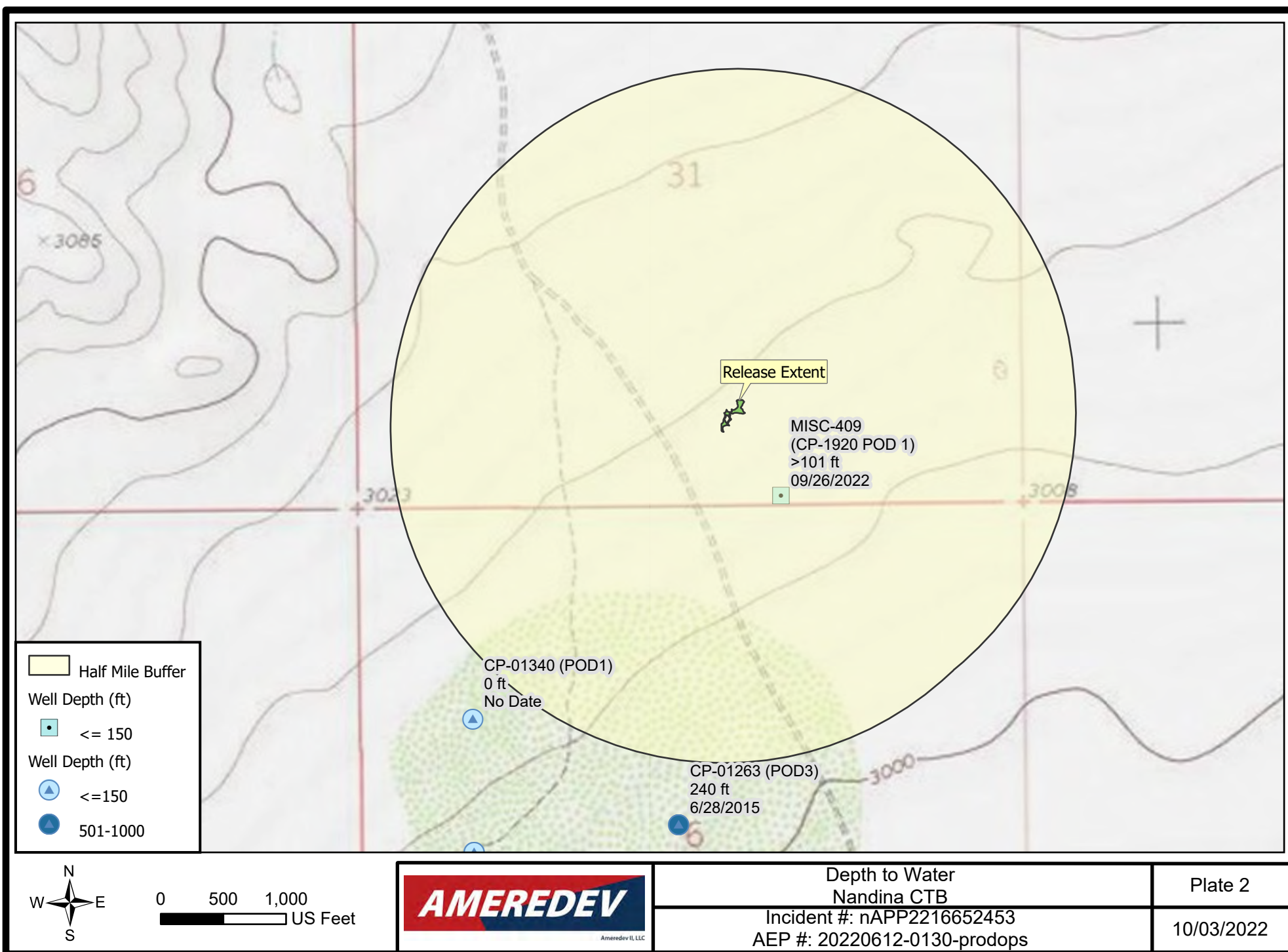


# Plates

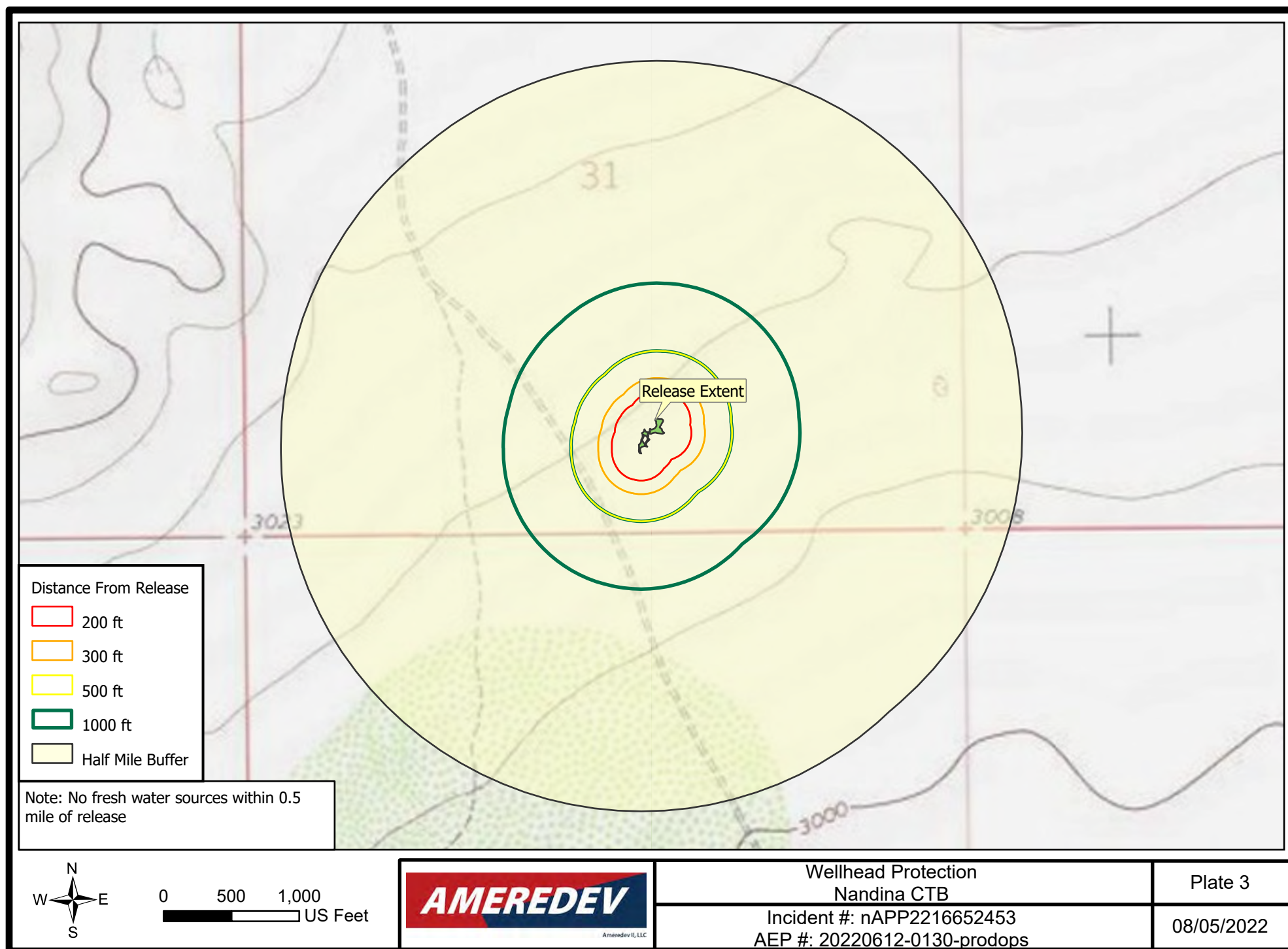


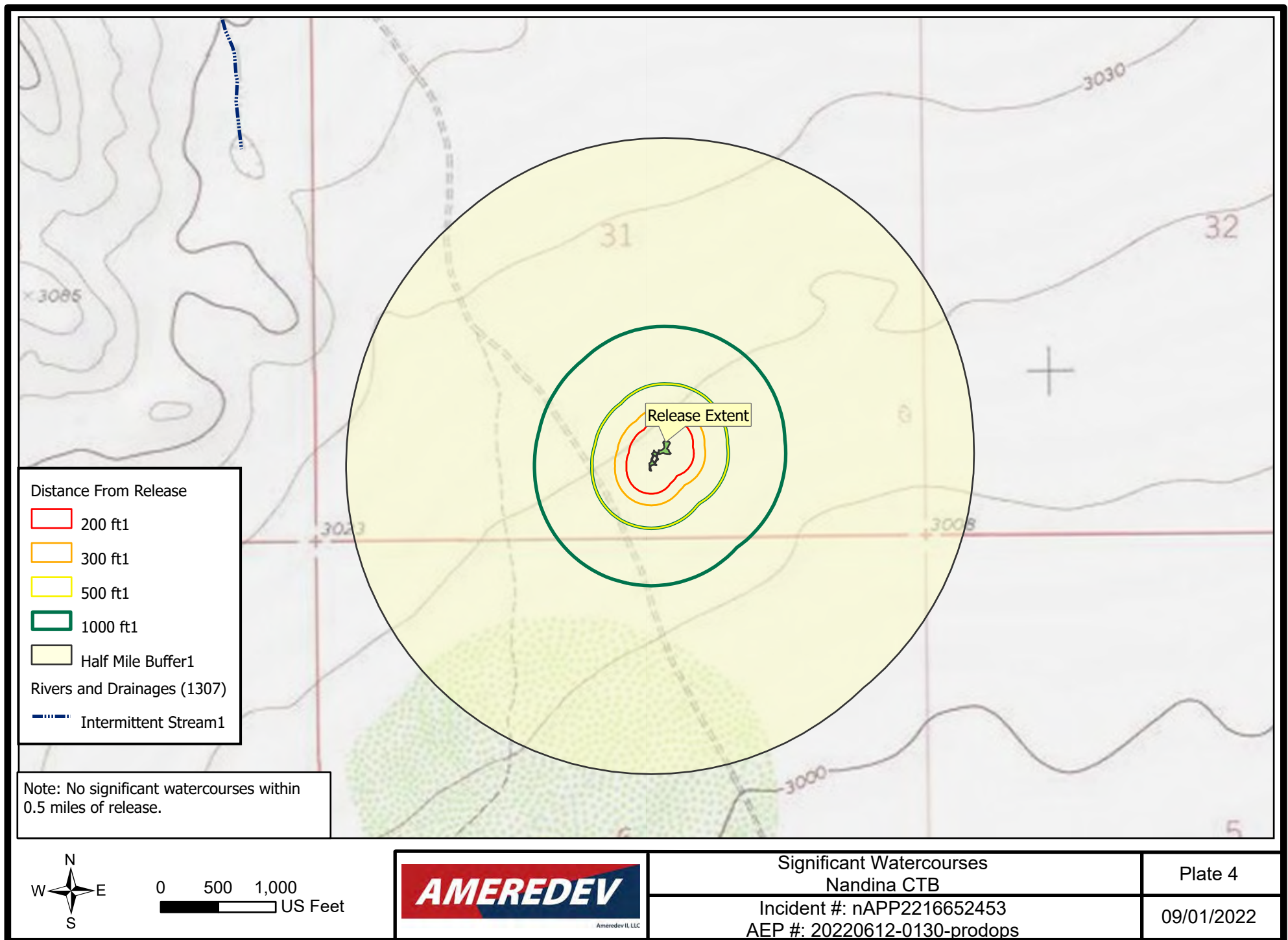
Ameredev II, LLC



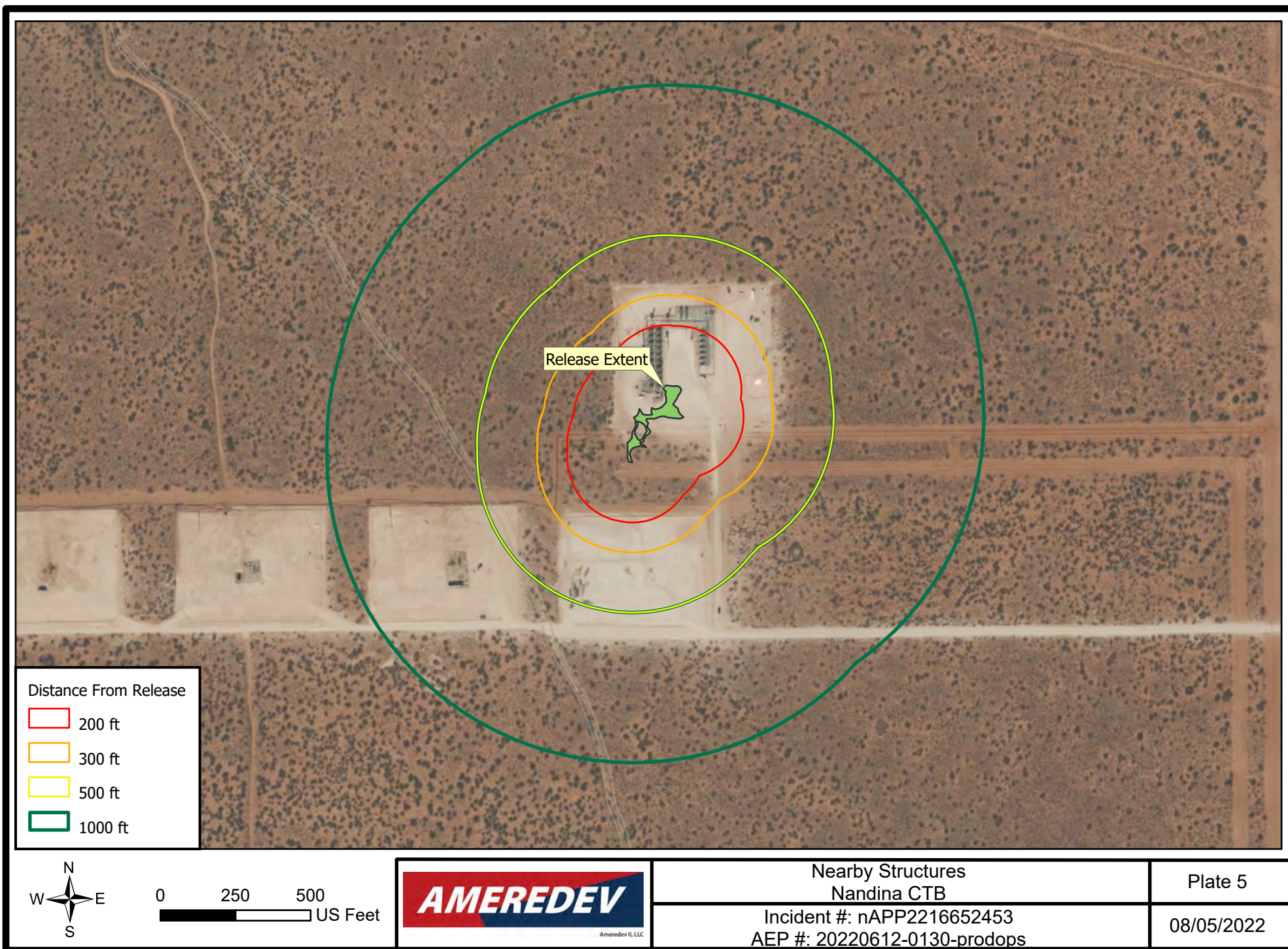




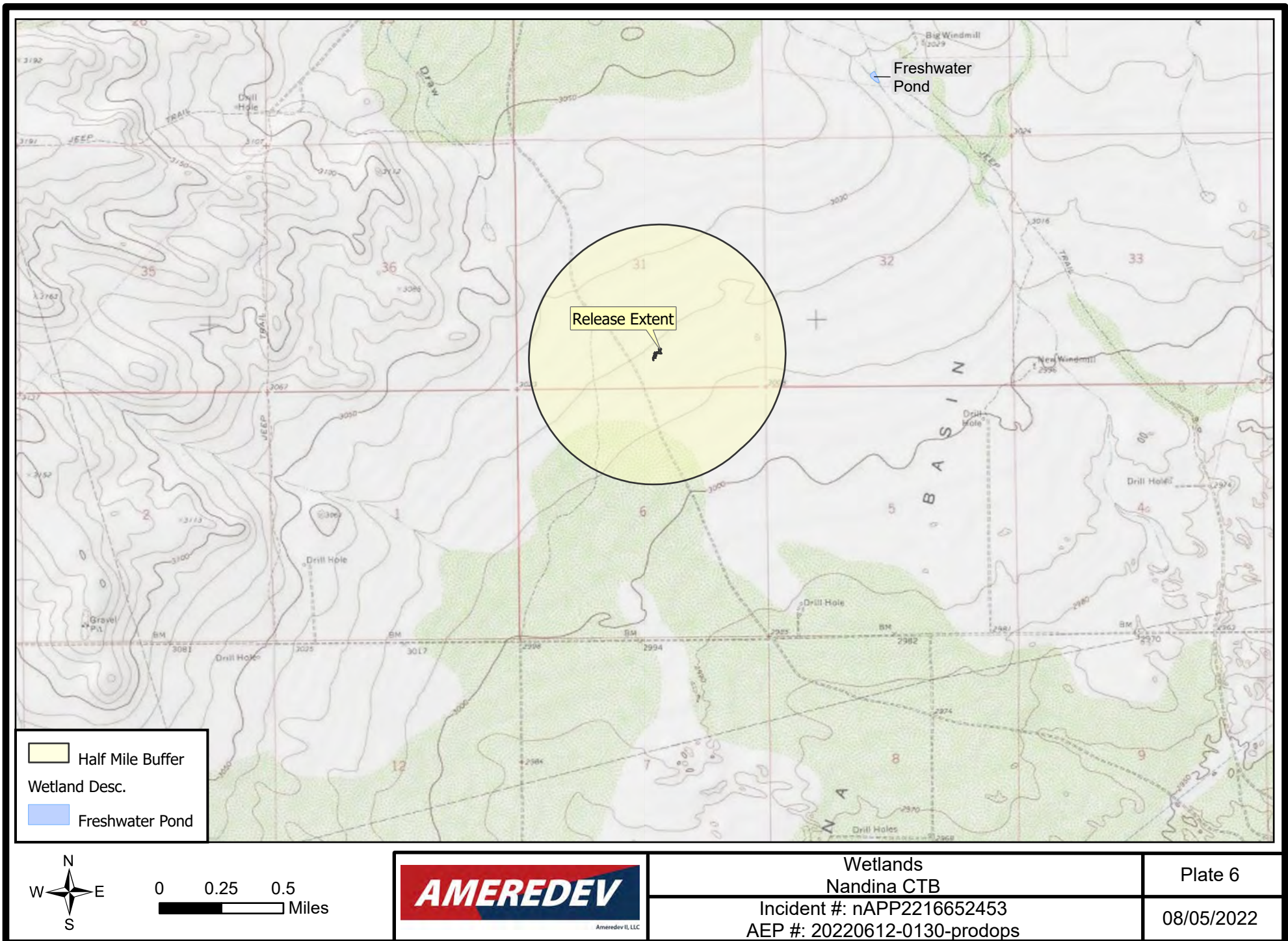




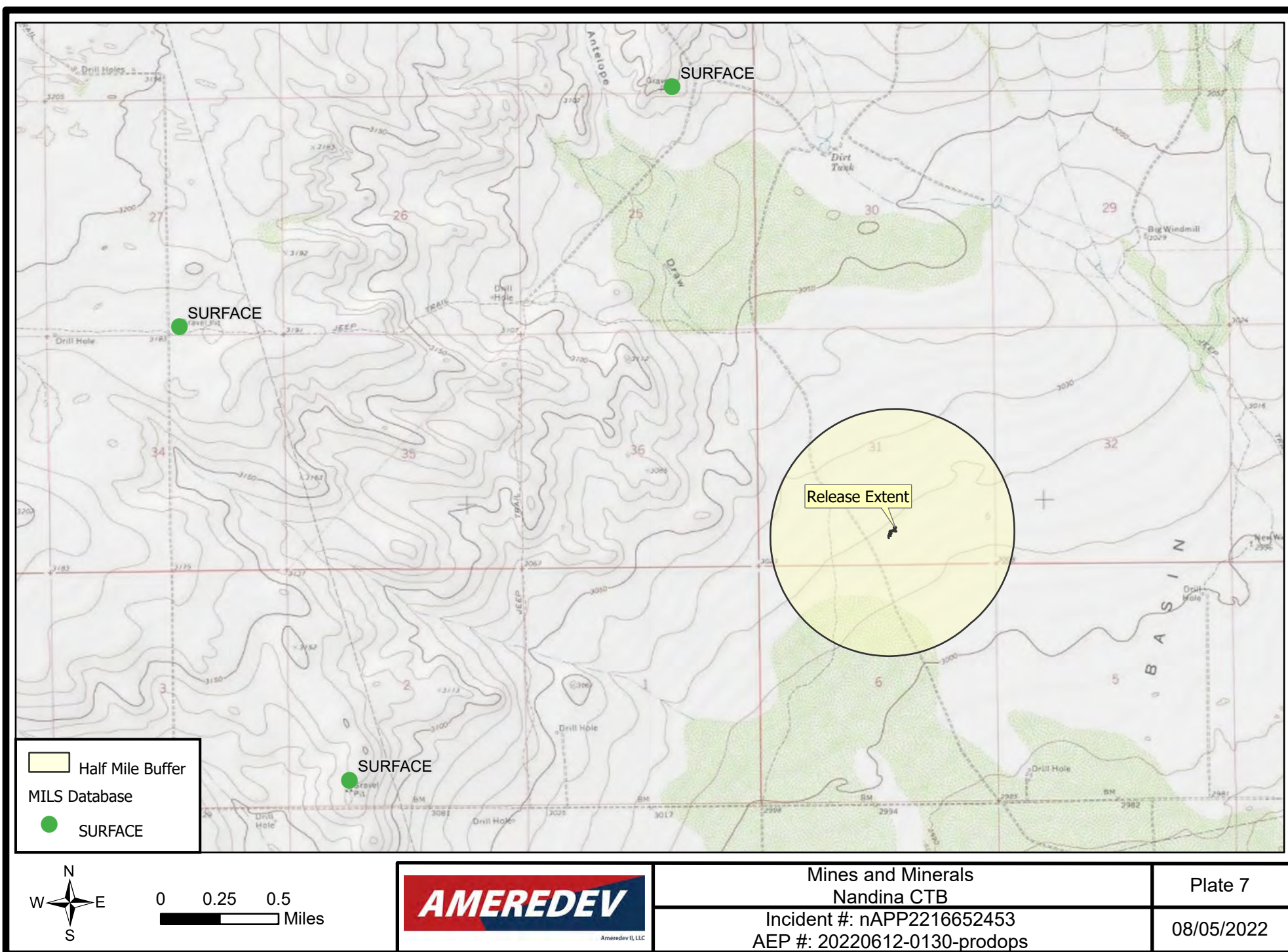




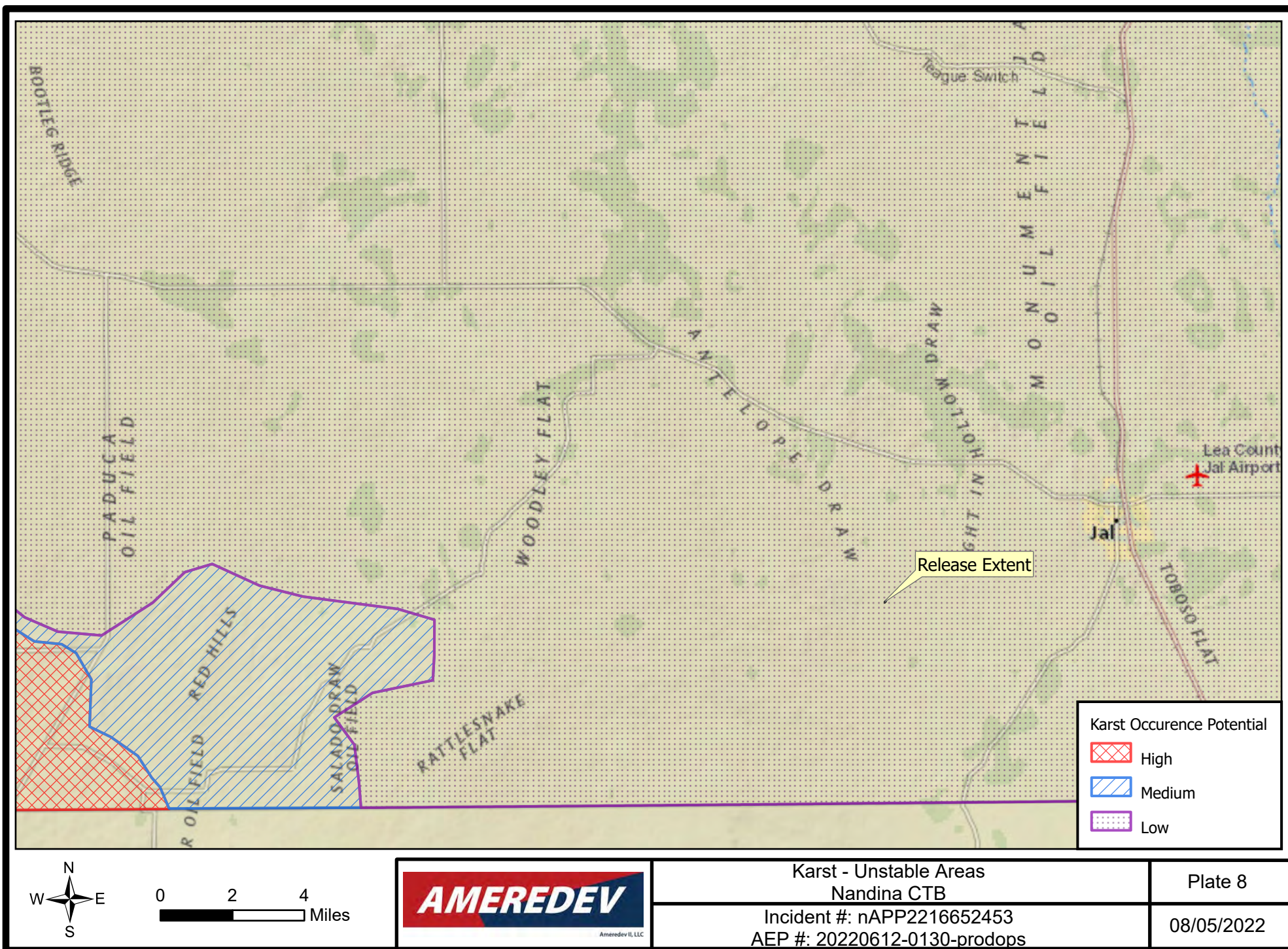


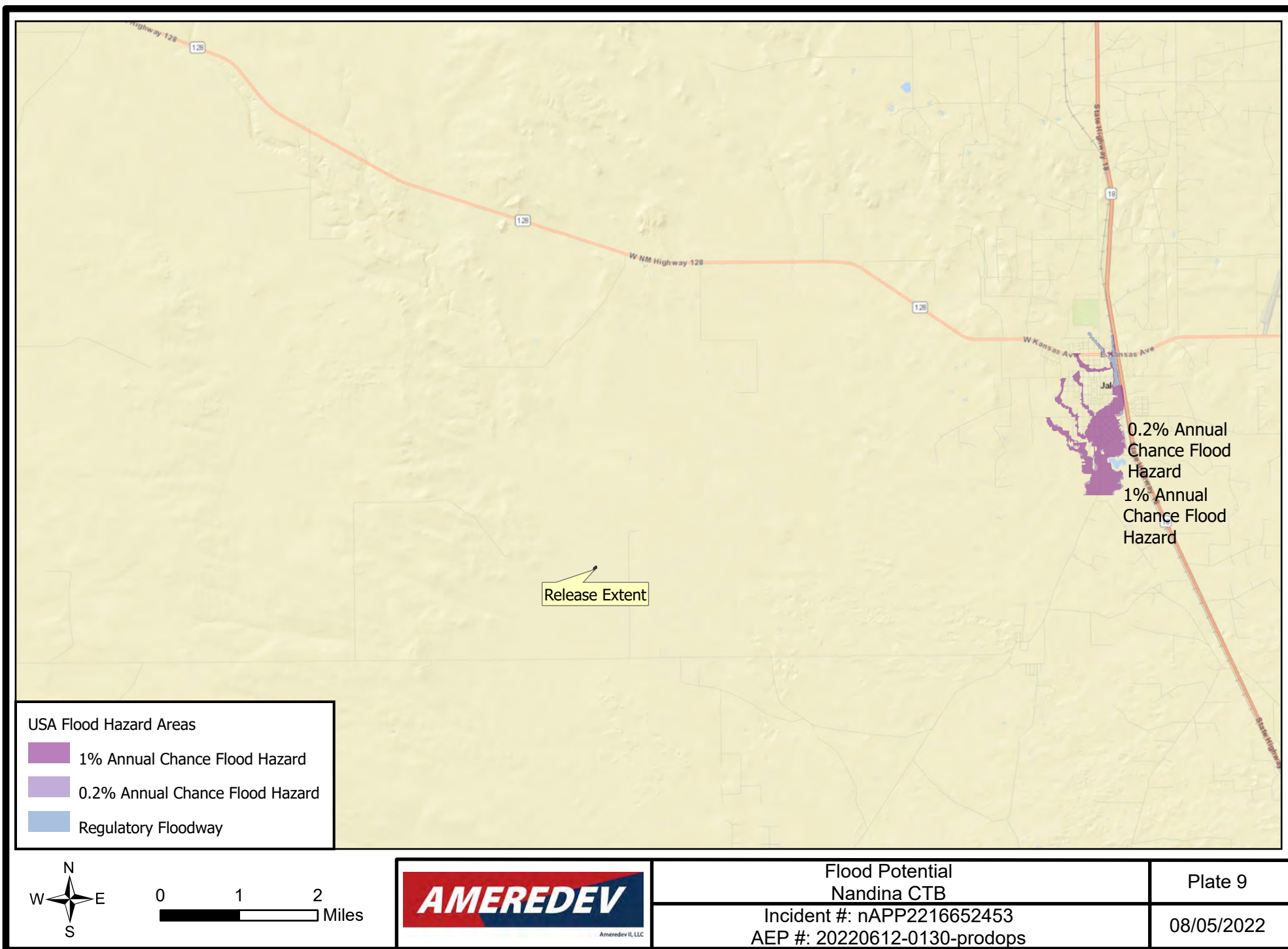




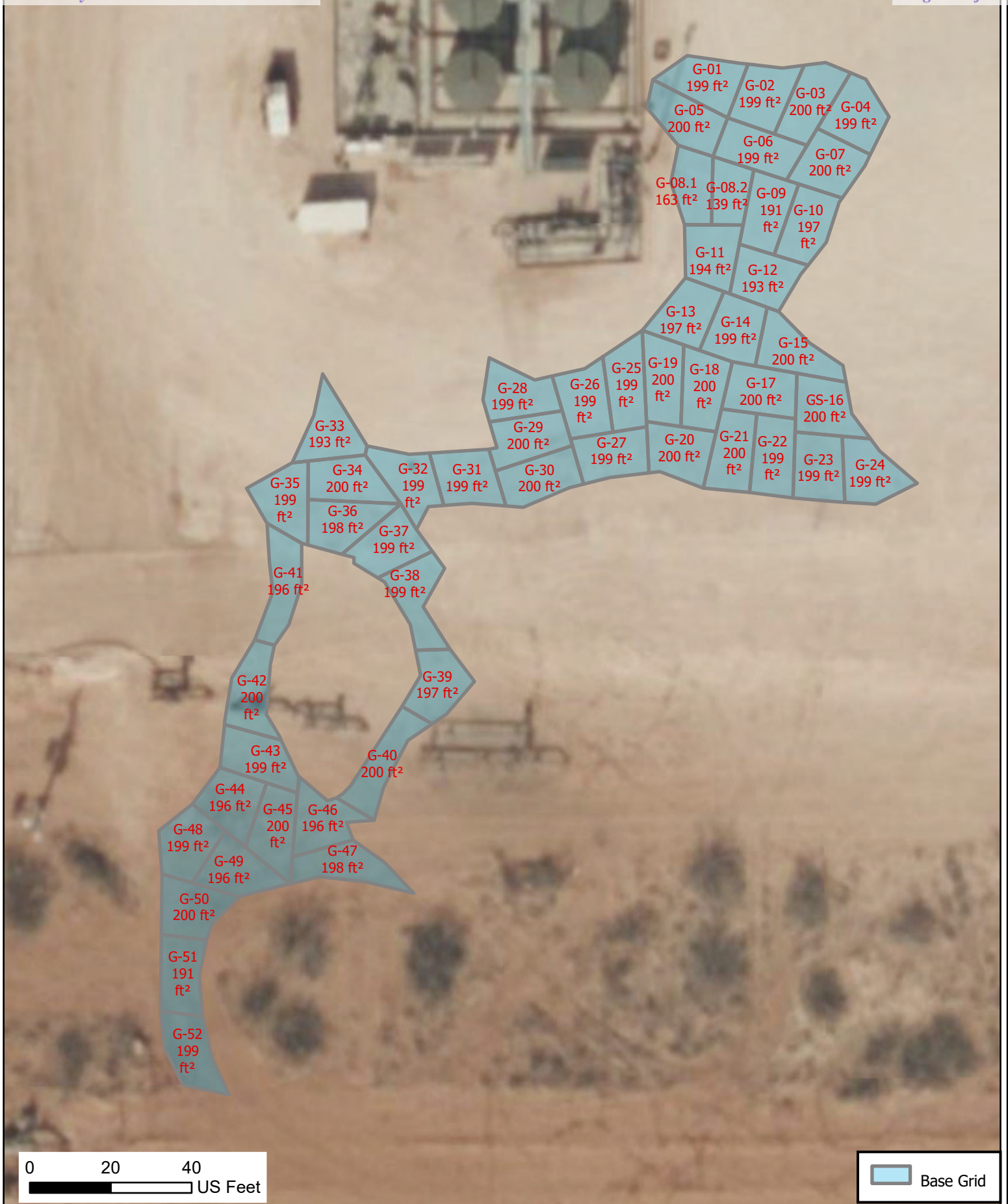












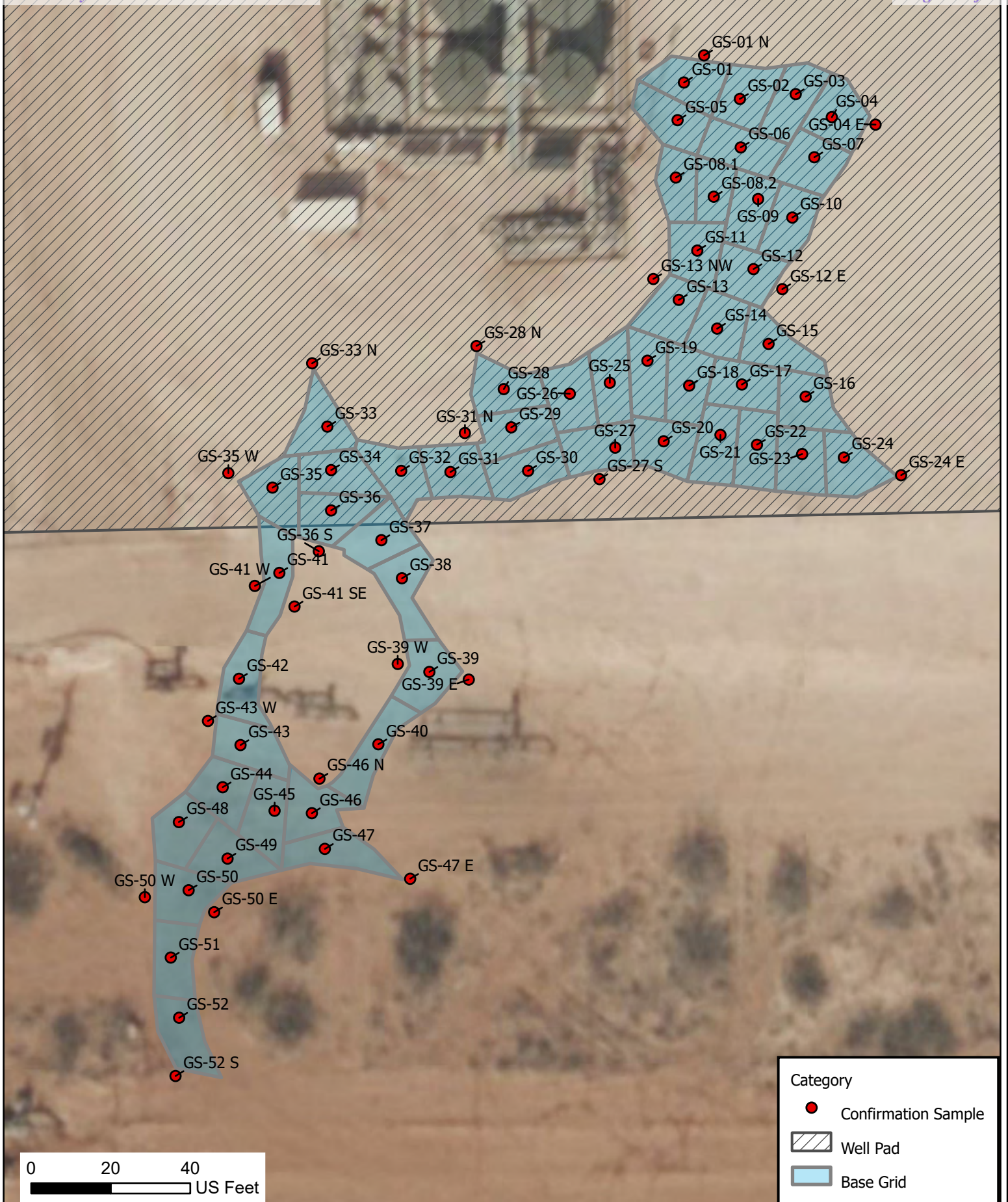
0 20 40  
US Feet

Base Grid



Sample Grid  
Nandina CTB  
Incident #: nAPP2216652453  
AEP #: 20220612-0130-prodops

Plate 10  
08/17/2022



0 20 40  
US Feet

Category	
<span style="color: red;">●</span>	Confirmation Sample
<span style="background-color: #d3d3d3; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>	Well Pad
<span style="background-color: #add8e6; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>	Base Grid



Sample Points Nandina CTB
Incident #: nAPP2216652453 AEP #: 20220612-0130-prodops

Plate 11
09/14/2022



# Tables



Ameredeve II, LLC

09/14/2022

Table A  
Sample CoordinatesIncident ID: nAPP2216652453  
Nandina CTB  
AEP #: 20220612-0130-prodops

Sample Point	Latitude	Longitude
GS-01	32.08179685	-103.3028197
GS-01 N	32.08181546	-103.3028032
GS-02	32.08178516	-103.3027744
GS-03	32.08178807	-103.3027291
GS-04	32.08177198	-103.3027
GS-04 E	32.0817665	-103.3026646
GS-05	32.08177088	-103.3028252
GS-06	32.08175166	-103.3027741
GS-07	32.08174437	-103.3027145
GS-08.1	32.08173128	-103.302827
GS-08.2	32.08171781	-103.3027964
GS-09	32.08171593	-103.3027604
GS-10	32.0817029	-103.3027328
GS-11	32.08168071	-103.3028102
GS-12	32.08166754	-103.3027647
GS-12 E	32.08165352	-103.3027415
GS-13	32.08164682	-103.3028256
GS-13 NW	32.08166138	-103.3028461
GS-14	32.08162671	-103.3027947
GS-15	32.08161581	-103.3027531
GS-16	32.08157915	-103.3027234
GS-17	32.08158798	-103.302775
GS-18	32.08158752	-103.3028178
GS-19	32.08160501	-103.3028515
GS-20	32.08154927	-103.3028389
GS-21	32.0815533	-103.3027928
GS-22	32.08154626	-103.3027633
GS-23	32.08153956	-103.3027267
GS-24	32.08153688	-103.3026929
GS-24 E	32.08152426	-103.3026466
GS-25	32.08159005	-103.3028822
GS-26	32.08158271	-103.3029147
GS-27	32.0815452	-103.3028783
GS-27 S	32.08152353	-103.3028913
GS-28	32.08158634	-103.3029683
GS-28 N	32.08161624	-103.3029901
GS-29	32.08155988	-103.3029624
GS-30	32.08152976	-103.3029491
GS-31	32.08152947	-103.3030121
GS-31 N	32.08155629	-103.3030001
GS-32	32.0815306	-103.3030521

Ameredev Operating

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09/14/2022

Table A  
Sample CoordinatesIncident ID: nAPP2216652453  
Nandina CTB  
AEP #: 20220612-0130-prodops

Sample Point	Latitude	Longitude
GS-33	32.08156159	-103.3031117
GS-33 N	32.08160542	-103.3031235
GS-34	32.08153158	-103.3031089
GS-35	32.08151987	-103.3031566
GS-35 W	32.08153014	-103.3031923
GS-36	32.08150371	-103.3031092
GS-36 S	32.0814756	-103.3031195
GS-37	32.08148286	-103.3030687
GS-38	32.08145643	-103.3030523
GS-39	32.08139156	-103.3030308
GS-39 E	32.08138599	-103.3029989
GS-39 W	32.08139727	-103.3030564
GS-40	32.08134193	-103.3030727
GS-41	32.08146092	-103.3031517
GS-41 SE	32.08143758	-103.3031397
GS-41 W	32.0814521	-103.3031717
GS-42	32.08138808	-103.3031853
GS-43	32.08134231	-103.3031846
GS-43 W	32.08135916	-103.3032108
GS-44	32.08131331	-103.3031993
GS-45	32.08129673	-103.3031574
GS-46	32.0812948	-103.3031272
GS-46 N	32.0813186	-103.3031208
GS-47	32.08127007	-103.3031169
GS-47 E	32.08124885	-103.303048
GS-48	32.08128952	-103.3032351
GS-49	32.08126399	-103.303196
GS-50	32.08124241	-103.3032278
GS-50 E	32.08122706	-103.3032072
GS-50 W	32.0812379	-103.3032633
GS-51	32.08119604	-103.3032428
GS-52	32.08115446	-103.3032364
GS-52 S	32.08111424	-103.3032398

Ameredev Operating

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09/15/2022

Table B  
Summary of Analytical

Incident ID: nAPP2216652453

Nandina CTB

AEP #: 20220612-0130-prodops

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	In Use (Yes/No)	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab (Hall/Cardinal)	Lab #
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
GS-01	9/9/2022	2.5			Yes	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-01 N	9/9/2022		0	2.5	Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-02	9/9/2022	2.5			Yes	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-03	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-04	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-04 E	9/9/2022		0	2.5	Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-05	9/9/2022	2.5			Yes	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-06	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-07	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-08.1	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-08.2	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-09	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-10	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-11	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-12	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-12 E	9/9/2022		0	2.5	Yes	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-13	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-13 NW	9/9/2022		0	2.5	Yes	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-14	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-15	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-16	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-17	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-18	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-19	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-20	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-21	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-22	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-23	9/9/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-24	9/9/2022	2.5			Yes	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-24 E	9/9/2022		0	2.5	Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224170
GS-25	9/6/2022	2.5			Yes	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-26	9/6/2022	2.5			Yes	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-27	9/6/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-27 S	9/6/2022		0	2.5	Yes	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-28	9/6/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-28 N	9/6/2022		0	2.5	Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-29	9/6/2022	2.5			Yes	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-30	9/6/2022	2.5			Yes	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072



09/15/2022

Table B  
Summary of AnalyticalIncident ID: nAPP2216652453  
Nandina CTB  
AEP #: 20220612-0130-prodops

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	In Use (Yes/No)	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab (Hall/Cardinal)	Lab #
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
GS-31	9/6/2022	2.5			Yes	<16	<20	<35.4	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-31 N	9/6/2022		0	2.5	Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-32	9/6/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-33	9/6/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-33 N	9/6/2022		0	2.5	Yes	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-34	8/25/2022	2			Yes	32	<5840	<6449	<1.0	165	Removed	Cardinal	H223925
GS-34	9/6/2022	3			Yes	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-35	8/25/2022	2			Yes	64	<549.2	<662.2	<0.05	1.73	Confirmation	Cardinal	H223925
GS-35 W	9/6/2022		0	2.5	Yes	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-36	9/6/2022	2.5			Yes	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-36 S	8/25/2022		0	1	No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-37	8/25/2022	1			No	304	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-38	8/25/2022	1			No	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-39	8/25/2022	3			No	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-39 E	8/25/2022		0	2	No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-39 E	8/25/2022		2	3	No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-39 W	8/25/2022		0	2	No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-39 W	8/25/2022		2	3	No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-40	8/25/2022	3			No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-41	8/25/2022	6			No	16	<6613	<7489	<0.1	32.6	Removed	Cardinal	H223925
GS-41	9/6/2022	7			No	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-41 SE	8/25/2022		0	2	No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-41 SE	8/25/2022		2	4	No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-41 SE	8/25/2022	4.5			No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-41 W	8/25/2022		0	2	No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-41 W	8/25/2022		2	4	No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-41 W	8/25/2022	4.5			No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-42	8/25/2022	4			No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-43	8/25/2022	4			No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-43 W	8/25/2022		0	2	No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-43 W	8/25/2022		2	4	No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-44	8/25/2022	2			No	32	<133	<156.6	<0.05	<0.30	Removed	Cardinal	H223925
GS-44	9/6/2022	4			No	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224072
GS-45	8/25/2022	4			No	16	<83	<95.2	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-46	8/25/2022	5			No	32	<137	<151.7	<0.05	<0.30	Confirmation	Cardinal	H223925

09/15/2022

Table B  
Summary of Analytical

Incident ID: nAPP2216652453  
Nandina CTB  
AEP #: 20220612-0130-prodops

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	In Use (Yes/No)	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab (Hall/Cardinal)	Lab #
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
GS-46 N	8/25/2022		0	2	No	64	<22.1	<32.1	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-46 N	8/25/2022		2	4	No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-46 N	8/25/2022	4.5			No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-47	8/25/2022	4			No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-47 E	8/25/2022		0	2	No	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-47 E	8/25/2022		2	4	No	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-48	8/25/2022	3			No	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-49	8/25/2022	4			No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-50	8/25/2022	4			No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-50 W	8/25/2022		0	2	No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-50 W	8/25/2022		2	4	No	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-50 E	8/25/2022		0	2	No	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-50 E	8/25/2022		2	4	No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-51	8/25/2022	4			No	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-52	8/25/2022	4			No	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223925
GS-52 S	8/25/2022		0	2	No	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223930
GS-52 S	8/25/2022		2	4	No	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H223930
Nandina Backfill 01	9/8/2022					64	<20	<30	<0.05	<0.30	Backfill	Cardinal	H224169
Topsoil 01	9/13/2022					32	<20	<30	<0.05	<0.30	Topsoil	Cardinal	H224213

# Appendix A

## Communications



Ameredeve II, LLC

**Andrew Parker**

---

**From:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>  
**Sent:** Wednesday, September 7, 2022 10:09 AM  
**To:** Andrew Parker  
**Cc:** Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD  
**Subject:** RE: [EXTERNAL] FW: 48hr sampling notice and request for extension nAPP2216652453 Nandina CTB

External (jennifer.nobui@state.nm.us)

[Report This Email](#) [FAQ](#) [Protection by INKY](#)

Andrew

OCD approves your request for a 30-day extension to October 14, 2022 to submit a closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks  
Jennifer Nobui

---

**From:** Andrew Parker <aparker@ameredev.com>  
**Sent:** Wednesday, September 7, 2022 9:12 AM  
**To:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>  
**Subject:** [EXTERNAL] FW: 48hr sampling notice and request for extension nAPP2216652453 Nandina CTB

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

Jennifer,

Per our phone conversation, below is a copy of the email transmitted to NMOCD on 08/23/2022. We should be finished excavating/sampling this week. Please note that the 30-day extension request should be ample time for the completion of the depth-to-water determination program for the subject area. The DTW program is scheduled to begin on September 19<sup>th</sup>.

Thank you.

Andrew Parker  
Environmental Scientist  
970-570-9535



---

**From:** Andrew Parker  
**Sent:** Tuesday, August 23, 2022 11:34 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>

**Cc:** Jesus Palomares <[jpalomares@ameredev.com](mailto:jpalomares@ameredev.com)>; Laura Parker <[lparker@ameredev.com](mailto:lparker@ameredev.com)>

**Subject:** 48hr sampling notice and request for extension nAPP2216652453 Nandina CTB

NMOCD,

Ameredev elected to forgo delineation sampling and begin remedial activities to be completed within 90-days from the date of release. Remediation is halfway complete and is expected to be completed within the next two weeks. The remediation and closure report may not be ready for submittal by September 10th; not meeting the 90-day requirement to complete remediation without an approved remediation plan. Therefore, we respectfully ask NMOCD for a 30-day extension for the submittal of the remediation and closure report.

Furthermore, we anticipate to begin confirmation sampling for the completed excavation to date beginning on Friday 08/26. Please accept this email as the 48 hour confirmation sampling notice. Confirmation samples will represent an area no greater than 200 sq ft. Confirmation sampling will continue through next week as the remaining release area is excavated to meet Table 1 of 19.15.29 NMAC Closure Criteria.

Thank you,

Andrew Parker  
Environmental Scientist  
970-570-9535



---

**From:** Nobui, Jennifer, EMNRD <[Jennifer.Nobui@state.nm.us](mailto:Jennifer.Nobui@state.nm.us)>

**Sent:** Tuesday, August 9, 2022 11:49 AM

**To:** Andrew Parker <[aparker@ameredev.com](mailto:aparker@ameredev.com)>

**Cc:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@state.nm.us](mailto:Jocelyn.Harimon@state.nm.us)>

**Subject:** FW: [EXTERNAL] 48hr sampling notice nAPP2216652453 Nandina CTB

Andrew

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

Thanks,  
Jennifer Nobui

---

**From:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>

**Sent:** Tuesday, August 9, 2022 8:44 AM

**To:** Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>; Nobui, Jennifer, EMNRD <[Jennifer.Nobui@state.nm.us](mailto:Jennifer.Nobui@state.nm.us)>; Harimon, Jocelyn, EMNRD <[Jocelyn.Harimon@state.nm.us](mailto:Jocelyn.Harimon@state.nm.us)>; Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>

**Subject:** Fw: [EXTERNAL] 48hr sampling notice nAPP2216652453 Nandina CTB

---

**From:** Andrew Parker <[aparker@ameredev.com](mailto:aparker@ameredev.com)>

**Sent:** Tuesday, August 9, 2022 7:45 AM

**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Cc:** Jesus Palomares <[jpalomares@ameredev.com](mailto:jpalomares@ameredev.com)>; Jacob Saenz <[jsaenz@ameredev.com](mailto:jsaenz@ameredev.com)>; Laura Parker <[lparker@ameredev.com](mailto:lparker@ameredev.com)>  
**Subject:** [EXTERNAL] 48hr sampling notice nAPP2216652453 Nandina CTB

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

NMOCD,

Please accept this email as the 48 hour sampling notice for Incident nAPP2216652453 at the Nandina CTB. Characterization and delineation samples may be used as confirmation samples.

Thank you.

Andrew Parker  
Environmental Scientist  
970-570-9535



---

**From:** Andrew Parker  
**Sent:** Wednesday, June 15, 2022 4:00 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@state.nm.us](mailto:OCD.Enviro@state.nm.us)>  
**Cc:** Amos, James <[jamos@blm.gov](mailto:jamos@blm.gov)>; Dayeed Khan <[dkhan@ameredev.com](mailto:dkhan@ameredev.com)>; Shane McNeely <[smcneely@ameredev.com](mailto:smcneely@ameredev.com)>  
**Subject:** C-141 NOR nAPP2216652453 Nandina CTB

NMOCD,

Attached is the C-141 NOR with volume calculations. Per email below, C-141 was filed through NMOCD portal.

Incident: nAPP2216652453  
AEP #: 20220612-0130-prodops  
Location: Nandina CTB

Andrew Parker  
Environmental Scientist  
970-570-9535



---

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>  
**Sent:** Wednesday, June 15, 2022 2:35 PM  
**To:** Andrew Parker <[aparker@ameredev.com](mailto:aparker@ameredev.com)>  
**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 117591

To whom it may concern (c/o Andrew Parker for AMEREDEV OPERATING, LLC),

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2216652453, 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 nAPP2216652453, 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](mailto:ocd.enviro@state.nm.us)

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

# Appendix B

## Well Logs



Ameredeve II, LLC





2904 W 2nd St.  
Roswell, NM 88201  
voice: 575.624.2420  
fax: 575.624.2421  
www.atkinseng.com

July 8, 2022

DII-NMOSE  
1900 W 2<sup>nd</sup> Street  
Roswell, NM 88201

*Hand Delivered to the DII Office of the State Engineer*

Re: Well Record CP-1920 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, CP-1920 Pod-1.

If you have any questions, please contact me at 575.499.9244 or [lucas@atkinseng.com](mailto:lucas@atkinseng.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

OSE DII SEP 30 2022 10:58



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER


[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1920			
	WELL OWNER NAME(S) Ameredev Operating, LLC				PHONE (OPTIONAL) 737-300-4700			
	WELL OWNER MAILING ADDRESS 2901 Via Fortuna Suite 600				CITY Austin	STATE TX	ZIP 78746	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 4	SECONDS 46.90 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
		LONGITUDE 103	18	6.24 W				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SW SE Sec.31 T25S R36S NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 9/21/2022	DRILLING ENDED 9/21/2022	DEPTH OF COMPLETED WELL (FT) temporary well material		BORE HOLE DEPTH (FT) ±101	DEPTH WATER FIRST ENCOUNTERED (FT) n/a		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a	DATE STATIC MEASURED 9/26/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 101		±6.25"	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	11	11	Sand, fine-grained, poorly graded, Reddish Brown	Y ✓ N	
	11	95	84	Sand, fine-grained, poorly graded, with caliche, Tan Brown	Y ✓ N	
	95	101	6	Sand, fine-grained, poorly graded, cemented layers, Tan Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. DTW-17 <div style="text-align: right;">USE DTI SEP 30 2022 AM 10:53</div>					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">               SIGNATURE OF DRILLER / PRINT SIGNEE NAME           </div> <div style="text-align: center;">             Jackie D. Atkins              DATE           </div> <div style="text-align: center;">             9/29/2022           </div> </div>					

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 01/28/2022)

FILE NO.

POD NO.

TRN NO.

LOCATION

WELL TAG ID NO.

PAGE 2 OF 2



# PLUGGING RECORD



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

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-1920

Well owner: Ameredev Operating, LLC

Phone No.: 737-300-4700

Mailing address: 2901 Via Fortuna Suite 600

City: Austin State: Texas Zip code: 78746

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins ( Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
Shane Eldridge, Cameron Pruitt
- 4) Date well plugging began: 9/26/2022 Date well plugging concluded: 9/26/2022
- 5) GPS Well Location: Latitude: 32 deg, 4 min, 46.90 sec  
Longitude: 103 deg, 18 min, 6.24 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 101 ft below ground level (bgl),  
by the following manner: water level probe
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 9/12/2022
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DTI SEP 30 2022 AM10:58

- For each interval plugged, describe within the following columns:**

05E DT SEP 30 2022 AM10:58

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

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

Jack Atkins

9/29/2022

**Signature of Well Driller**

Date \_\_\_\_\_








# 4\_CP-1920\_WellLog-packet-forsign-DTW-17

Final Audit Report

2022-09-29

Created:	2022-09-29
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAADRCZ2wacgYi9ayksczEZZyQ-CLuad-QB

## "4\_CP-1920\_WellLog-packet-forsign-DTW-17" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)  
2022-09-29 - 9:20:36 PM GMT- IP address: 64.17.71.25
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature  
2022-09-29 - 9:21:35 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)  
2022-09-29 - 9:24:00 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)  
Signature Date: 2022-09-29 - 9:24:23 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.  
2022-09-29 - 9:24:23 PM GMT

DSE DTI SEP 30 2022 AM10:58



Adobe Acrobat Sign

# Appendix C

## Certificates of Analysis



Ameredeve II, LLC



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

---

August 30, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: NANDINA CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/25/22 15:42.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/30/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: GS - 34 2' (H223925-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/26/2022	ND	2.15	107	2.00	4.03	
Toluene*	20.3	1.00	08/26/2022	ND	2.08	104	2.00	4.40	
Ethylbenzene*	14.6	1.00	08/26/2022	ND	2.03	101	2.00	4.08	
Total Xylenes*	130	3.00	08/26/2022	ND	6.23	104	6.00	4.28	
Total BTX	165	6.00	08/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1820	10.0	08/26/2022	ND	196	98.2	200	2.06	
DRO >C10-C28*	4020	10.0	08/26/2022	ND	182	91.0	200	1.15	
EXT DRO >C28-C36	609	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 161 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 35 2' (H223925-02)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2022	ND	2.15	107	2.00	4.03	
Toluene*	0.070	0.050	08/26/2022	ND	2.08	104	2.00	4.40	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.03	101	2.00	4.08	
Total Xylenes*	1.66	0.150	08/26/2022	ND	6.23	104	6.00	4.28	
Total BTEX	1.73	0.300	08/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 137 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	39.2	10.0	08/26/2022	ND	196	98.2	200	2.06	
DRO >C10-C28*	510	10.0	08/26/2022	ND	182	91.0	200	1.15	
EXT DRO >C28-C36	113	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 36S 0-1' (H223925-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTEX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 66.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.6 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 37 1' (H223925-04)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	08/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 65.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 38 1' (H223925-05)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 39 3' (H223925-06)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 39W 0-2' (H223925-07)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTEx	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 39W 2-3' (H223925-08)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.3 % 46.3-178

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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 39E 0-2' (H223925-09)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16	
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67	
Total BTX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 62.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 72.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 39E 2-3' (H223925-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTEx	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	230	115	200	4.43	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	224	112	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 73.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 40 3' (H223925-11)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 41 6' (H223925-12)**

BTEx 8021B			mg/kg					Analyzed By: JH/		S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.100	0.100	08/29/2022	ND	1.89	94.3	2.00	8.16			
Toluene*	0.512	0.100	08/29/2022	ND	1.80	90.0	2.00	9.38			
Ethylbenzene*	1.95	0.100	08/29/2022	ND	1.77	88.4	2.00	9.16			
Total Xylenes*	30.1	0.300	08/29/2022	ND	5.50	91.6	6.00	8.67			
Total BTEX	32.6	0.600	08/29/2022	ND							

Surrogate: 4-Bromofluorobenzene (PID) 244 % 69.9-140

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	923	10.0	08/26/2022	ND	208	104	200	2.25			
DRO >C10-C28*	5690	10.0	08/26/2022	ND	202	101	200	1.20			
EXT DRO >C28-C36	876	10.0	08/26/2022	ND							

Surrogate: 1-Chlorooctane 323 % 45.3-161

Surrogate: 1-Chlorooctadecane 345 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received: 08/25/2022  
Reported: 08/30/2022  
Project Name: NANDINA CTB  
Project Number: 20220612-0130-PRODOPS  
Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 41SE 0-2' (H223925-13)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16	
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67	
Total BTX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/29/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 76.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 41SE 2-4' (H223925-14)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16	
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67	
Total BTX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 41SE 4.5' (H223925-15)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16	
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67	
Total BTX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 41W 0-2' (H223925-16)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16	
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67	
Total BTX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received: 08/25/2022  
Reported: 08/30/2022  
Project Name: NANDINA CTB  
Project Number: 20220612-0130-PRODOPS  
Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 41W 2-4' (H223925-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTEX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 41W 4.5' (H223925-18)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 42 4' (H223925-19)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 43 4' (H223925-20)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 43W 0-2' (H223925-21)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.89	94.3	2.00	8.16		
Toluene*	<0.050	0.050	08/27/2022	ND	1.80	90.0	2.00	9.38		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.77	88.4	2.00	9.16		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.50	91.6	6.00	8.67		
Total BTEx	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 43W 2-4' (H223925-22)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEx	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 44 2' (H223925-23)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2022	ND	432	108	400	0.00		

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	123	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	23.6	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 45 4' (H223925-24)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7	
Total BTEX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	73.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	12.2	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 46 5' (H223925-25)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEx	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	127	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	14.7	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 98.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received: 08/25/2022  
Reported: 08/30/2022  
Project Name: NANDINA CTB  
Project Number: 20220612-0130-PRODOPS  
Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 46N 0-2' (H223925-26)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2022	ND	400	100	400	3.92		

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	12.1	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 46N 2-4' (H223925-27)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEx	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 46N 4.5' (H223925-28)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2022	ND	400	100	400	3.92		

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 47 4' (H223925-29)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7	
Total BTEX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 47E 0-2' (H223925-30)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEx	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2022	ND	400	100	400	3.92	

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	08/26/2022	ND	208	104	200	2.25	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	202	101	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 47E 2-4' (H223925-31)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/26/2022	ND	400	100	400	3.92		

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 79.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received: 08/25/2022  
Reported: 08/30/2022  
Project Name: NANDINA CTB  
Project Number: 20220612-0130-PRODOPS  
Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 48 3' (H223925-32)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7	
Total BTEX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2022	ND	432	108	400	0.00		

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 49 4' (H223925-33)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2022	ND	432	108	400	0.00		

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 50 4' (H223925-34)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7	
Total BTEX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	432	108	400	0.00	

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 50W 0-2' (H223925-35)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2022	ND	432	108	400	0.00		

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received: 08/25/2022  
Reported: 08/30/2022  
Project Name: NANDINA CTB  
Project Number: 20220612-0130-PRODOPS  
Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 50W 2-4' (H223925-36)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTX	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2022	ND	432	108	400	0.00	

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 50E 0-2' (H223925-37)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4		
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2		
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1		
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7		
Total BTEx	<0.300	0.300	08/27/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2022	ND	432	108	400	0.00	

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received: 08/25/2022  
Reported: 08/30/2022  
Project Name: NANDINA CTB  
Project Number: 20220612-0130-PRODOPS  
Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 50E 2-4' (H223925-38)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7	
Total BTX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	432	108	400	0.00	

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received: 08/25/2022  
Reported: 08/30/2022  
Project Name: NANDINA CTB  
Project Number: 20220612-0130-PRODOPS  
Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 51 4' (H223925-39)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7	
Total BTEX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2022	ND	432	108	400	0.00	

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 52 4' (H223925-40)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	1.76	87.8	2.00	12.4	
Toluene*	<0.050	0.050	08/27/2022	ND	1.72	86.2	2.00	12.2	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	1.67	83.3	2.00	12.1	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	5.21	86.8	6.00	11.7	
Total BTEX	<0.300	0.300	08/27/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	432	108	400	0.00	

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	08/26/2022	ND	212	106	200	2.15	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	217	109	200	3.45	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager




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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Amerender <b>Project Manager:</b> Andrew Parker <b>Address:</b> On File <b>City:</b> State: Zip: <b>Phone #:</b> Fax #: <b>Project #:</b> Project Owner: <b>Project Name:</b> 20220612-0130-Protopos <b>Project Location:</b> Windy CTB <b>Sampler Name:</b> Jesus Palomares		<b>BILL TO</b> <b>P.O. #:</b> 20220612-0130-protopos <b>Company:</b> Amerender <b>Attn:</b> a.parker@amerender.com <b>Address:</b> <b>City:</b> State: Zip: <b>Phone #:</b> Fax #: <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>	
<b>Lab I.D.</b> H23925 <b>Sample I.D.</b> 1 GS-34 2ft 2 GS-35 2ft 3 GS-36 0-1ft 4 GS-37 1ft 5 GS-38 1ft 6 GS-39 3ft 7 GS-39W 0-2ft 8 GS-39E 2-3ft 9 GS-39E 0-2ft 10 GS-39E 2-3ft	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER	MATRIX PRESERV SAMPLING	DATE TIME 08-25 12:47 12:49 12:51 12:52 12:55 12:57 12:59 13:01 13:04 13:05	Chloride TPH (Gro+Dro+Mro) BTEX (Benzene) Rush	XX
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<b>Relinquished By:</b> Jim Palmer <b>Time:</b> 8/25/22 <b>Date:</b> 8/25/22 <b>Received By:</b> Stoddig <b>Time:</b> 1542 <b>Date:</b> 8/25/22		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>All Results are emailed. Please provide Email address:</b>			
<b>Delivered By:</b> (Circle One) UPS - Bus - Other:		<b>Observed Temp. °C:</b> 2.4 <b>Corrected Temp. °C:</b> 1.8 <b>Sample Condition:</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>CHECKED BY:</b> (Initials) <b>Turnaround Time:</b> Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> <b>Thermometer ID #113</b> <input type="checkbox"/> Bacteria (only) Sample Condition <b>Correction Factor -0.6°C</b> <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <b>Corrected Temp. °C</b>	
<b>REMARKS:</b> TEMP BLANK: 2.8°C					

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> <i>Amerden</i> <b>Project Manager:</b> <i>Andrew Parker</i> <b>Address:</b> <i>On File</i> <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____ <b>Project #:</b> _____ <b>Project Owner:</b> _____ <b>Project Name:</b> <i>20220612-0130-Protopos</i> <b>Project Location:</b> <i>Acadipal CTB</i> <b>Sample Name:</b> <i>Jesus Palomares</i>				<b>BILL TO</b> <b>P.O. #:</b> <i>20220612-0130-protopos</i> <b>Company:</b> <i>Amerden</i> <b>Attn:</b> <i>a.parker@amerden.com</i> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____				<b>ANALYSIS REQUEST</b>			
<b>FOR LAB USE ONLY</b>		<b>MATRIX</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER		<b>PRESERV</b> ACID/BASE ICE / COOL OTHER		<b>SAMPLING</b> DATE TIME		ANALYSIS REQUEST			
<b>Lab I.D.</b> <i>H033925</i>		<b>Sample I.D.</b>		(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER		DATE TIME		ANALYSIS REQUEST			
11 <i>GS-40</i> 12 <i>GS-41</i> 13 <i>GS-41 SE</i> 14 <i>GS-41 SE</i> 15 <i>GS-41 SE</i> 16 <i>GS-41 W</i> 17 <i>GS-41 W</i> 18 <i>GS-41 W</i> 19 <i>GS-42</i> 20 <i>GS-43</i>		3ft 6ft 0-2ft 2-4ft 4-5ft 0-2ft 2-4ft 4-5ft 4ft 4ft		1 1 1 1 1 1 1 1 1 1		08-25 13:07 13:10 13:11 13:14 13:15 13:16 13:18 13:21 13:23		Chloride TPH (Gro+Dro+Mro) BTEX (Benzene)		ANALYSIS REQUEST	
<b>PLEASE NOTE:</b> Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. 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, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal.				<b>Relinquished By:</b> <i>Am Parker</i> <b>Date:</b> <i>8/25/22</i> <b>Time:</b> <i>1542</i> <b>Received By:</b> <i>Spodeigne</i> <b>Date:</b> _____ <b>Time:</b> _____		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> _____ <b>All Results are emailed. Please provide Email address:</b> _____		<b>REMARKS:</b> <i>TEMP BLANK = 28°C</i>			
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:		<b>Observed Temp. °C:</b> <i>24°C</i> <b>Corrected Temp. °C:</b> <i>1.8°C</i>		<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>CHECKED BY:</b> <i>(Signature)</i> <b>Thermometer ID #113</b> <b>Correction Factor -0.6°C</b>		<b>Standard</b> <input type="checkbox"/> <b>Bacteria (only)</b> <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> <b>Sample Condition</b> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> <i>Amerstar</i> <b>Project Manager:</b> <i>Andrew Parker</i> <b>Address:</b> <i>On File</i> <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____ <b>Project #:</b> _____ <b>Project Owner:</b> _____ <b>Project Name:</b> <i>20220612-0130-Prodops</i> <b>Project Location:</b> <i>Aradipa CTB</i> <b>Sampler Name:</b> <i>Jesus Palomares</i>		<b>BILL TO</b> <b>P.O. #:</b> <i>20220612-0130-prodops</i> <b>Company:</b> <i>Amerstar</i> <b>Attn:</b> <i>a.parker@amerstar.com</i> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____		<b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> <i>1023925</i> <b>Sample I.D.</b> _____ <b>Matrix:</b> <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER <b>Preserv:</b> <input checked="" type="checkbox"/> ACID/BASE <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER <b>Sampling:</b> _____		<b>DATE</b> <i>08-25</i> <b>TIME</b> <i>13:24</i> <b>Analysis:</b> <i>Chloride</i> <input checked="" type="checkbox"/> <i>TPH (Gro+Dro+Mro)</i> <input checked="" type="checkbox"/> <i>BTEX (Benzene)</i> <input checked="" type="checkbox"/>		<b>Vertical Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add Phone #:</b> _____ <b>All Results are emailed. Please provide Email address:</b> _____	
<b>Relinquished By:</b> <i>[Signature]</i> <b>Date:</b> <i>8/25/22</i> <b>Received By:</b> <i>[Signature]</i> <b>Date:</b> <i>8/25/22</i> <b>Relinquished By:</b> <i>[Signature]</i> <b>Date:</b> <i>8/25/22</i> <b>Received By:</b> <i>[Signature]</i> <b>Date:</b> <i>8/25/22</i>		<b>REMARKS:</b> <i>TEMP BULK: 2.8°C</i>		<b>Turnaround Time:</b> _____ <b>Standard:</b> <input type="checkbox"/> <b>Bacteria (only):</b> <input type="checkbox"/> <b>Thermometer ID #113</b> <b>Cool Intact:</b> <input type="checkbox"/> <b>Observed Temp. °C:</b> _____ <b>Correction Factor -0.6°C</b> <b>Cool Intact:</b> <input type="checkbox"/> <b>Corrected Temp. °C:</b> _____	

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>C Company Name:</b> <i>Amerdel</i> <b>Project Manager:</b> <i>Andrew Parker</i> <b>Address:</b> <i>On File</i> <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____ <b>Project #:</b> _____ <b>Project Owner:</b> _____ <b>Project Name:</b> <i>20220612-0130-Protop</i> <b>Project Location:</b> <i>Arundipal CTB</i> <b>Sampler Name:</b> <i>Jesus Palomares</i>		<b>BILL TO</b> <b>P.O. #:</b> <i>20220612-0130-Protop</i> <b>Company:</b> <i>Amerdel</i> <b>Attn:</b> <i>a.parker@amerdel.com</i> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____		<b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b>		<b>MATRIX</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER			
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>PRESERV</b> ACID/BASE ICE / COOL OTHER	
<b>PLEASE NOTE:</b> Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other claims 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, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal.		<b>DATE</b>		<b>TIME</b>	
<b>Relinquished By:</b> <i>mm Palmer</i> <b>Relinquished By:</b> <i>mm Palmer</i> <b>Date:</b> <i>8/25/22</i> <b>Time:</b> <i>1542</i> <b>Received By:</b> <i>Stedrique</i> <b>Date:</b> <i>8/25/22</i> <b>Time:</b> <i>1542</i>		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> _____ <b>All Results are emailed. Please provide Email address:</b> _____		<b>REMARKS:</b> <i>TEMP BLANK: 2.8°C</i>	
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other: _____ <b>Observed Temp. °C</b> <i>24°C</i> <b>Corrected Temp. °C</b> <i>1.8°C</i> <b>Sample Condition</b> Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Yes <input type="checkbox"/> No <input type="checkbox"/> No <b>CHECKED BY:</b> <i>(Signature)</i>		<b>Turnaround Time:</b> _____ <b>Thermometer ID #113</b> <b>Correction Factor -0.6°C</b> <b>Standard</b> <input type="checkbox"/> <b>Bacteria (only)</b> <input type="checkbox"/> <b>Rush</b> <input type="checkbox"/> <b>Cool Intact</b> <input type="checkbox"/> <b>Sample Condition</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>Observed Temp. °C</b> _____ <b>No</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Corrected Temp. °C</b> _____		<b>Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com</b>	



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

August 30, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: NANDINA CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/25/22 16:58.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 52S 0-2' (H223930-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.06	103	2.00	1.56	
Toluene*	<0.050	0.050	08/29/2022	ND	2.31	116	2.00	0.0954	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.23	111	2.00	0.479	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.98	116	6.00	0.281	
Total BTEX	<0.300	0.300	08/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/29/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 08/25/2022  
 Reported: 08/30/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 08/25/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 52S 2-4' (H223930-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2022	ND	2.06	103	2.00	1.56	
Toluene*	<0.050	0.050	08/29/2022	ND	2.31	116	2.00	0.0954	
Ethylbenzene*	<0.050	0.050	08/29/2022	ND	2.23	111	2.00	0.479	
Total Xylenes*	<0.150	0.150	08/29/2022	ND	6.98	116	6.00	0.281	
Total BTEX	<0.300	0.300	08/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/29/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2022	ND	189	94.6	200	2.40	
DRO >C10-C28*	<10.0	10.0	08/29/2022	ND	192	96.2	200	0.884	
EXT DRO >C28-C36	<10.0	10.0	08/29/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Amerdel		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
<b>Project Manager:</b> Andrew Parker		<b>P.O. #:</b> 20220612-0130-Prodops			
<b>Address:</b> On File		<b>Company:</b> Amerdel			
<b>City:</b>		<b>Attn:</b> a.parker@amerdel.com			
<b>Phone #:</b>		<b>Address:</b>			
<b>State:</b>		<b>City:</b>			
<b>Zip:</b>		<b>State:</b>			
<b>Project #:</b>		<b>Phone #:</b>			
<b>Project Name:</b> 20220612-0130-Prodops		<b>Zip:</b>			
<b>Project Location:</b> Windy CFB		<b>Fax #:</b>			
<b>Sample Name:</b> Jesus Palomares		<b>PRESERV</b>		<b>SAMPLING</b>	
<small>FOR LAB USE ONLY</small>					
<b>Lab I.D.</b>	<b>Sample I.D.</b>	<b>MATRIX</b>			
H23930		<b>(G)RAB OR (C)OMP</b>			
1 GS-525	0-24+	<b># CONTAINERS</b>			
2 GS-525	2-44	GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER			
		ACID/BASE			
		ICE / COOL			
		OTHER			
		<b>DATE</b>		<b>TIME</b>	
		08-25		14:01	
		14:04			
		Chloride			
		TPH (Grot + Drot + Mro)			
		BTEX (Benzene)			
<b>Relinquished By:</b> [Signature]		<b>Received By:</b> [Signature]			
<b>Date:</b> 10/5/22		<b>Time:</b>			
<b>Observed Temp. °C:</b> 18°C		<b>Sample Condition:</b> Intact			
<b>Corrected Temp. °C:</b> 1.2°C		<b>Checked By:</b> [Signature]			
<b>Turnaround Time:</b>		<b>Standard:</b> Rush			
<b>Thermometer ID #113</b>		<b>Bacteria (only) Sample Condition:</b>			
<b>Correction Factor -0.5°C</b>		<b>Cool Intact:</b> Yes			
		<b>Observed Temp. °C:</b>			
		<b>Corrected Temp. °C:</b>			



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

---

September 09, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: NANDINA CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/06/22 16:31.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/06/2022	Sampling Date:	09/06/2022
Reported:	09/09/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

**Sample ID: GS - 25 2.5' (H224072-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTX	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/08/2022	ND	400	100	400	7.69	

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	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 75.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.9 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 26 2.5' (H224072-02)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTX	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.7 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 27 2.5' (H224072-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTEx	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 27S 0-2.5' (H224072-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTEX	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 75.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.4 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 28 2.5' (H224072-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTEX	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 77.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 28N 0-2.5' (H224072-06)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6		
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7		
Total BTX	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 72.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 29 2.5' (H224072-07)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6		
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7		
Total BTX	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 30 2.5' (H224072-08)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTEx	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	224	112	200	6.45	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	213	107	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 73.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.2 % 46.3-178

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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 31 2.5' (H224072-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6		
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7		
Total BTEx	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/09/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	15.4	10.0	09/09/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 31N 0-2.5' (H224072-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTEX	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 64.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 71.5 % 46.3-178

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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 32 2.5' (H224072-11)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTEx	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 33 2.5' (H224072-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6		
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7		
Total BTEx	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 33N 0-2.5' (H224072-13)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6	
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1	
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8	
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7	
Total BTEx	<0.300	0.300	09/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 34 3' (H224072-14)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6		
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7		
Total BTX	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/08/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 35W 0-2.5' (H224072-15)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6		
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7		
Total BTEX	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 36 2.5' (H224072-16)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6		
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7		
Total BTX	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 41 7' (H224072-17)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	2.16	108	2.00	12.6		
Toluene*	<0.050	0.050	09/08/2022	ND	2.11	105	2.00	12.1		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	2.08	104	2.00	12.8		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.44	107	6.00	13.7		
Total BTX	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/06/2022  
 Reported: 09/09/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/06/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: GS - 44 4' (H224072-18)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/08/2022	ND	1.93	96.5	2.00	1.09		
Toluene*	<0.050	0.050	09/08/2022	ND	1.96	98.2	2.00	1.15		
Ethylbenzene*	<0.050	0.050	09/08/2022	ND	1.95	97.3	2.00	0.0953		
Total Xylenes*	<0.150	0.150	09/08/2022	ND	6.11	102	6.00	0.418		
Total BTEx	<0.300	0.300	09/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/08/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/08/2022	ND	188	94.2	200	1.63	
DRO >C10-C28*	<10.0	10.0	09/08/2022	ND	193	96.4	200	2.14	
EXT DRO >C28-C36	<10.0	10.0	09/08/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

Page 21 of 22





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> <i>Amerdel</i> <b>Project Manager:</b> <i>Andrew Parker</i> <b>Address:</b> <i>On File</i> <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____ <b>Project #:</b> _____ <b>Project Owner:</b> _____ <b>Project Name:</b> <i>20220612-0130-Prodops</i> <b>Project Location:</b> <i>Aradipa CTB</i> <b>Sampler Name:</b> <i>Jesus Palomares</i>		<b>BILL TO</b> <b>P.O. #:</b> <i>20220612-0130-prodops</i> <b>Company:</b> <i>Amerdel</i> <b>Attn:</b> <i>a.parker@amerdel.com</i> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____		<b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> <i>H84072</i> <b>Sample I.D.</b>		<b>MATRIX</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	<b>PRESERV</b> ACID/BASE ICE / COOL OTHER	<b>SAMPLING</b> DATE TIME	ANALYSIS REQUEST
11 <i>GS-32</i> <i>2.5ft</i> <i>9</i> <i>09-06</i> <i>10:17</i> <i>Chloride</i> 12 <i>GS-33</i> <i>2.5ft</i> <i>1</i> <i>10:23</i> <i>TPH (Gro+Dro+Mro)</i> 13 <i>GS-33N</i> <i>0-2.5ft</i> <i>1</i> <i>10:41</i> <i>BTEX (Benzene)</i> 14 <i>GS-34</i> <i>3ft</i> <i>1</i> <i>10:49</i> 15 <i>GS-35W</i> <i>0-2.5ft</i> <i>1</i> <i>10:54</i> 16 <i>GS-36</i> <i>2.5ft</i> <i>1</i> <i>11:01</i> 17 <i>GS-41</i> <i>7ft</i> <i>1</i> <i>11:07</i> 18 <i>GS-44</i> <i>4ft</i> <i>1</i> <i>11:25</i>					
<b>PLEASE NOTE: Liability and Damages:</b> Cardinal's liability and client's acceptance remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. All clients including those for negligence and any other cause whatsoever shall be deemed to have accepted and released Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidents or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services furnished by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.					
<b>Relinquished By:</b> <i>Jim Palmer</i> <b>Relinquished By:</b> _____ <b>Date:</b> <i>9-23</i> <b>Received By:</b> <i>Stodrigers</i> <b>Time:</b> <i>11:31</i> <b>Date:</b> _____ <b>Received By:</b> _____ <b>Time:</b> _____		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> _____ <b>All Results are emailed. Please provide Email address:</b> _____			
<b>Delivered By: (Circle One)</b> <input type="radio"/> <b>Observed Temp. °C</b> <i>45</i> <b>Sampler - UPS - Bus - Other:</b> <input type="radio"/> <b>Corrected Temp. °C</b> <i>39</i> <b>Sample Condition</b> <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <b>CHECKED BY:</b> <i>JP</i>		<b>Turnaround Time:</b> _____ <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> <b>Thermometer ID #113</b> <input type="checkbox"/> <b>Bacteria (only)</b> <input type="checkbox"/> <b>Sample Condition</b> <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Observed Temp. °C</b> _____ <b>Correction Factor 0.6°C</b> <input type="checkbox"/> <b>Corrected Temp. °C</b> _____			

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



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

---

September 14, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: NANDINA CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/09/22 16:20.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/08/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: NANDINA BACKFILL 01 (H224169-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91	
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27	
Total BTX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	222	111	200	0.895	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	229	115	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.5 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> <i>Amerider</i> <b>Project Manager:</b> <i>Andrew Parker</i> <b>Address:</b> <i>On-File</i> <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____ <b>Project #:</b> _____ <b>Project Owner:</b> _____ <b>Project Name:</b> <i>2022 0612-0130-prodops</i> <b>Project Location:</b> <i>Mandina CTB</i> <b>Sample Name:</b> <i>Jesus Palomares</i>				<b>BILL TO</b> <b>P.O. #:</b> <i>2022 0612-0130-prodops</i> <b>Company:</b> <i>Amerider</i> <b>Attn:</b> <i>a.parker@amerider.com</i> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____				<b>ANALYSIS REQUEST</b>			
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> _____ <b>Sample I.D.</b> _____ <b>H224169</b> <b>Mandina Backfill 01</b> <b>91</b> (G)RAB OR (C)OMP. # CONTAINERS <b>GROUNDWATER</b> <b>WASTEWATER</b> <b>SOIL</b> <input checked="" type="checkbox"/> <b>OIL</b> <b>SLUDGE</b> <b>OTHER</b> <b>ACID/BASE:</b> <input checked="" type="checkbox"/> <b>ICE / COOL</b> <b>OTHER</b> <b>DATE</b> <i>09-08</i> <b>TIME</b> <i>12:10</i> <b>Chloride</b> <b>TPH (Gro+Dro+Mro)</b> <b>BTEX (Benzene)</b>				<b>MATRIX</b> <b>PRESERV.</b> <b>SAMPLING</b>				<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> _____ <b>All Results are emailed. Please provide Email address:</b> _____ <b>REMARKS:</b> <i>Trip Blank 29c</i>			
<b>Relinquished By:</b> <i>Jim Palmer</i> <b>Date:</b> <i>9-9-22</i> <b>Time:</b> <i>16:20</i> <b>Received By:</b> <i>Monica Delgado</i> <b>Date:</b> _____ <b>Time:</b> _____ <b>Observed Temp. °C</b> <i>5.4</i> <b>Corrected Temp. °C</b> <i>4.8</i> <b>Sample Condition</b> <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <b>CHECKED BY:</b> <i>VP</i> <b>Turnaround Time:</b> _____ <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> <b>Thermometer ID #113</b> <b>Bacteria (only) Sample Condition</b> <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Correction Factor -0.5°C</b> <b>Observed Temp. °C</b> _____ <b>Corrected Temp. °C</b> _____				<b>Delivered By: (Circle One)</b> <b>Sampler - UPS - Bus - Other:</b> _____				<b>Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com</b>			



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

September 14, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: NANDINA CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/09/22 16:20.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 01 2.5' (H224170-01)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91	
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27	
Total BTEx	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	222	111	200	0.895	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	229	115	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 01 N 0-2.5' (H224170-02)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91		
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.0 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 02 2.5' (H224170-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91	
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27	
Total BTEx	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/09/2022  
 Reported: 09/14/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/09/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GS - 03 2.5' (H224170-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91		
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 120 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 04 2.5' (H224170-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91		
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 04 E 0-2.5' (H224170-06)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91		
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 05 2.5' (H224170-07)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91	
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27	
Total BTEx	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/09/2022  
 Reported: 09/14/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/09/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GS - 06 2.5' (H224170-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91		
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/09/2022  
 Reported: 09/14/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/09/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GS - 07 2.5' (H224170-09)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91	
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27	
Total BTEx	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received: 09/09/2022  
Reported: 09/14/2022  
Project Name: NANDINA CTB  
Project Number: 20220612-0130-PRODOPS  
Project Location: NONE GIVEN

Sampling Date: 09/09/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: GS - 08.1 2.5' (H224170-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91		
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27		
Total BTEx	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 08.2 2.5' (H224170-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	2.02	101	2.00	2.91		
Toluene*	<0.050	0.050	09/14/2022	ND	1.99	99.3	2.00	2.01		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	1.98	98.8	2.00	2.84		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	6.13	102	6.00	3.27		
Total BTEx	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 09 2.5' (H224170-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/13/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.14	119	6.00	10.8		
Total BTEX	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/09/2022  
 Reported: 09/14/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/09/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GS - 10 2.5' (H224170-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/13/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.14	119	6.00	10.8	
Total BTEX	<0.300	0.300	09/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 120 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 11 2.5' (H224170-14)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/13/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.14	119	6.00	10.8		
Total BTEx	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/09/2022  
 Reported: 09/14/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/09/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GS - 12 2.5' (H224170-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/13/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.14	119	6.00	10.8	
Total BTEX	<0.300	0.300	09/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/09/2022  
 Reported: 09/14/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/09/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GS - 12 E 0-2.5' (H224170-16)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/13/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/13/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/13/2022	ND	7.14	119	6.00	10.8		
Total BTEX	<0.300	0.300	09/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 13 2.5' (H224170-17)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8	
Total BTX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 13 NW 0-2.5' (H224170-18)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 14 2.5' (H224170-19)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8	
Total BTX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 15 2.5' (H224170-20)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8	
Total BTX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 16 2.5' (H224170-21)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	215	108	200	0.159	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	215	108	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 17 2.5' (H224170-22)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8	
Total BTX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 18 2.5' (H224170-23)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 19 2.5' (H224170-24)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 20 2.5' (H224170-25)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8	
Total BTX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 21 2.5' (H224170-26)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8		
Total BTX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 22 2.5' (H224170-27)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8	
Total BTX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 23 2.5' (H224170-28)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01	
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05	
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66	
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8	
Total BTX	<0.300	0.300	09/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/13/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/13/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received:	09/09/2022	Sampling Date:	09/09/2022
Reported:	09/14/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: GS - 24 2.5' (H224170-29)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8		
Total BTEx	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

AMEREDEV  
 ANDREW PARKER  
 2901 VIA FORTUNA , SUITE 600  
 AUSTIN TX, 78746  
 Fax To:

Received: 09/09/2022  
 Reported: 09/14/2022  
 Project Name: NANDINA CTB  
 Project Number: 20220612-0130-PRODOPS  
 Project Location: NONE GIVEN

Sampling Date: 09/09/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: GS - 24 E 0-2.5' (H224170-30)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2022	ND	1.97	98.6	2.00	6.01		
Toluene*	<0.050	0.050	09/14/2022	ND	2.27	113	2.00	6.05		
Ethylbenzene*	<0.050	0.050	09/14/2022	ND	2.28	114	2.00	9.66		
Total Xylenes*	<0.150	0.150	09/14/2022	ND	7.14	119	6.00	10.8		
Total BTEX	<0.300	0.300	09/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/14/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	213	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	234	117	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



---

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### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager

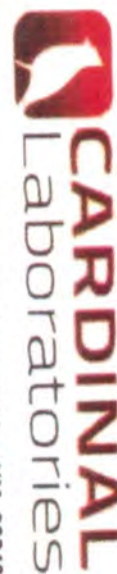


## BILL TO

## ANALYSIS REQUEST

Page 33 of 35





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> <i>Amerdel</i> <b>Project Manager:</b> <i>Andrew Parker</i> <b>Address:</b> <i>On File</i> <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____ <b>Project #:</b> _____ <b>Project Owner:</b> _____ <b>Project Name:</b> <i>20220612-0130-Protop</i> <b>Project Location:</b> <i>Aradipa CTB</i> <b>Sampler Name:</b> <i>Jesus Palomares</i>		<b>BILL TO</b> <b>P.O. #:</b> <i>20220612-0130-Protop</i> <b>Company:</b> <i>Amerdel</i> <b>Attn:</b> <i>a.parker@amerdel.com</i> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____	
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> <i>H2C4170</i> <b>Sample I.D.</b> _____		<b>MATRIX</b> GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER _____ <b>PRESERV</b> ACID/BASE _____ ICE / COOL _____ OTHER _____	
<b>PLEASE NOTE:</b> 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, business interruptions, loss of use, or loss of profits incurred by client as a result of the analyses.		<b>SAMPLING</b> <b>DATE</b> <i>09-09</i> <b>TIME</b> <i>10:13</i> <b>TIME</b> <i>10:15</i> <b>TIME</b> <i>10:18</i> <b>TIME</b> <i>10:24</i> <b>TIME</b> <i>10:27</i> <b>TIME</b> <i>10:32</i> <b>TIME</b> <i>10:38</i> <b>TIME</b> <i>10:47</i> <b>TIME</b> <i>10:52</i> <b>TIME</b> <i>10:55</i>	
<b>Relinquished By:</b> <i>Jim Palmer</i> <b>Date:</b> <i>9-9-22</i> <b>Received By:</b> <i>Jesus Palomares</i> <b>Time:</b> <i>1620</i> <b>Date:</b> <i>9-9-22</i> <b>Received By:</b> <i>Jesus Palomares</i> <b>Relinquished By:</b> _____ <b>Date:</b> _____ <b>Received By:</b> _____		<b>ANALYSIS REQUEST</b> <b>Chloride</b> _____ <b>TPH (Gro+Pro+Mro)</b> _____ <b>BTEX (Benzene)</b> _____	
<b>Delivered By: (Circle One)</b> <i>Observed Temp. °C</i> <i>5.4</i> <b>Sample Condition</b> <i>Intact</i> <b>Sampler - UPS - Bus - Other:</b> <i>Corrected Temp. °C</i> <i>4.8</i> <b>Checked BY:</b> <i>JS</i> <b>Turnaround Time:</b> _____ <b>Standard</b> <i>RUSH</i> <b>Adit Phone #:</b> _____ <b>Thermometer ID #113</b> <b>Bacteria (only)</b> <i>Sample Condition</i> <b>Correction Factor -0.8°C</b> <b>Cool Intact</b> <i>Observed Temp. °C</i> <b>Yes</b> <b>No</b> <b>Corrected Temp. °C</b>		<b>REMARKS:</b> _____ <b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> _____ <b>All Results are emailed. Please provide Email address:</b> _____	

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





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name:

Project Manager:

Address:

City:

Phone #:

Project #:

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H224170

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS
21	G5-16	2.5ft	1	SOIL	✓	✓	09-09	11:01	Chloride
22	G5-17	2.5ft	1	SOIL	✓	✓	11:07	11:07	TPH (Grot + Drot + Mro)
23	G5-18	2.5ft	1	SOIL	✓	✓	11:09	11:09	BTEX (Benzene)
24	G5-19	2.5ft	1	SOIL	✓	✓	11:12	11:12	
25	G5-20	2.5ft	1	SOIL	✓	✓	11:14	11:14	
26	G5-21	2.5ft	1	SOIL	✓	✓	11:20	11:20	
27	G5-22	2.5ft	1	SOIL	✓	✓	11:21	11:21	
28	G5-23	2.5ft	1	SOIL	✓	✓	11:33	11:33	
29	G5-24	2.5ft	1	SOIL	✓	✓	11:31	11:31	
30	G5-24E	0-2.5ft	1	SOIL	✓	✓	11:40	11:40	

PLEASE NOTE: 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, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.

Relinquished By:

Date: 9-9-22

Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date:

Received By:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C

Sample Condition

CHECKED BY: (Initials)

Turnaround Time:

Standard

☒

Bacteria (only)

Sample Condition

Observed Temp. °C

Corrected Temp. °C

Sampler - UPS - Bus - Other:

Corrected Temp. °C

Cool ☒ Intact ☒

Thermometer ID #113

Correction Factor -0.6°C

Rush ☒

☐

Yes ☐ No ☐

Observed Temp. °C

Corrected Temp. °C

FORM 006 R 3-3-07/18/22

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



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September 16, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: NANDINA CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/13/22 15:38.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

AMEREDEV  
ANDREW PARKER  
2901 VIA FORTUNA , SUITE 600  
AUSTIN TX, 78746  
Fax To:

Received:	09/13/2022	Sampling Date:	09/13/2022
Reported:	09/16/2022	Sampling Type:	Soil
Project Name:	NANDINA CTB	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

**Sample ID: TOPSOIL 01 (H224213-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2022	ND	2.06	103	2.00	0.488	
Toluene*	<0.050	0.050	09/16/2022	ND	2.05	103	2.00	0.458	
Ethylbenzene*	<0.050	0.050	09/16/2022	ND	2.04	102	2.00	0.691	
Total Xylenes*	<0.150	0.150	09/16/2022	ND	6.29	105	6.00	0.0552	
Total BTEX	<0.300	0.300	09/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2022	ND	207	104	200	4.45	
DRO >C10-C28*	<10.0	10.0	09/14/2022	ND	213	107	200	12.2	
EXT DRO >C28-C36	<10.0	10.0	09/14/2022	ND					

Surrogate: 1-Chlorooctane 68.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.9 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager





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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> <i>Amerdel</i> <b>Project Manager:</b> <i>Andrew Parker</i> <b>Address:</b> <i>On-File</i> <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____ <b>Project #:</b> _____ <b>Project Owner:</b> _____ <b>Project Name:</b> <i>2022-06/12-0130-Prepops</i> <b>Project Location:</b> <i>Maridina CTB</i> <b>Sampler Name:</b> <i>Jesus Palomares</i>				<b>BILL TO</b> <b>P.O. #:</b> <i>2022-06/12-0130-Prepops</i> <b>Company:</b> <i>Amerdel</i> <b>Attn:</b> <i>a.parker@amerdel.com</i> <b>Address:</b> _____ <b>City:</b> _____ <b>State:</b> _____ <b>Zip:</b> _____ <b>Phone #:</b> _____ <b>Fax #:</b> _____				<b>ANALYSIS REQUEST</b>			
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> <i>H224213</i> <b>Sample I.D.</b> <i>Topsoil 01</i>		<b>(G)RAB OR (C)OMP.</b> <b># CONTAINERS</b> <i>91</i> <b>MATRIX</b> GROUNDWATER _____ WASTEWATER _____ SOIL <input checked="" type="checkbox"/> OIL _____ SLUDGE _____ OTHER _____ ACID/BASE _____ ICE / COOL _____ OTHER _____		<b>PRESERV.</b> <b>DATE</b> <i>09-13</i> <b>TIME</b> <i>12:27</i>		<b>SAMPLING</b> <i>Chloride</i> <input checked="" type="checkbox"/> <i>TPH (Gro+Dro+Mro)</i> <input checked="" type="checkbox"/> <i>BTEX (Benzene)</i> <input checked="" type="checkbox"/>					
<b>Relinquished By:</b> <i>[Signature]</i> <b>Date:</b> <i>9-13-22</i> <b>Time:</b> <i>1538</i> <b>Received By:</b> <i>[Signature]</i> <b>Date:</b> _____ <b>Time:</b> _____		<b>Observed Temp. °C</b> <i>3.8</i> <b>Corrected Temp. °C</b> <i>3.2</i> <b>Sample Condition</b> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Checked By:</b> <i>[Signature]</i>		<b>Turnaround Time:</b> _____ <b>Thermometer ID #113</b> <b>Correction Factor -0.5°C</b> <b>Standard</b> <i>Rush</i> <input checked="" type="checkbox"/> <b>Bacteria (only)</b> <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Sample Condition</b> Observed Temp. °C _____ Corrected Temp. °C _____		<b>REMARKS:</b> Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> _____ All Results are emailed. Please provide Email address: _____					

PORTER000 R-3-3 07/19/22

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

COMMENTS  
  
Action 149699

COMMENTS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 149699
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
jharimon	Missing initial c-141	10/12/2022

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

CONDITIONS  
  
Action 149699

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 149699
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	10/25/2022