

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 145597

QUESTIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 145597
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all of the questions in this group.</i>	
Site Name	20220920-2300-water Peach Riser
Date Release Discovered	09/20/2022
Surface Owner	Private

Incident Details	
<i>Please answer all of the questions in this group.</i>	
Incident Type	Produced Water 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

Nature and Volume of Release	
<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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 465 BBL Recovered: 160 BBL Lost: 305 BBL
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes
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)	Not answered.

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QUESTIONS, Page 2

Action 145597

QUESTIONS (continued)

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 145597
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
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	Yes, major release.
Reasons why this would be considered a submission for a notification of a major release	<ul style="list-style-type: none"> Unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	Andrew Parker
If YES, was immediate notice given to the OCD, to whom	OCD.Enviro@emnrd.nm.gov , Bratcher, Mike , EMNRD mike.bratcher@emnrd.nm.gov
If YES, was immediate notice given to the OCD, when	09/21/2022
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	email
<i>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.</i>	

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	<i>Not answered.</i>

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 145597

ACKNOWLEDGMENTS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 145597
	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 145597

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 145597
	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.	9/22/2022

Andrew Parker

From: OCDOnline@state.nm.us
Sent: Thursday, September 22, 2022 1:24 PM
To: Andrew Parker
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 145597

Caution: External (ocdonline@state.nm.us)

Spam Content [Details](#)

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

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#) nAPP2226544614, 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 nAPP2226544614, on all subsequent C-141 submissions and communications regarding the remediation of this release.

NOTE: As of December 2019, NMOCD has discontinued the use of the "RP" number.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

ocd.enviro@state.nm.us

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

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Resources Department
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Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2226544614
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Ameredev Operating, LLC	OGRID: 372224
Contact Name: Shane M ^c Neely	Contact Telephone: (737) 300-4700
Contact email: smcneely@ameredev.com	Incident # (assigned by OCD)
Contact mailing address: 2901 Via Fortuna, Suite 600 Austin, Texas 78746	

Location of Release Source

Latitude: 32.1113012 _____ Longitude: -103.27975 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: 20220920-2300-water Peach Riser	Site Type Pasture/Right of Way
Date Release Discovered: 09/20/2022 23:00	API# (if applicable)

Unit Letter	Section	Township	Range	County
P	20	25 S	36 E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Intrepid Potash _____)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 465	Volume Recovered (bbls) 160
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Equipment failure along pipeline.

Initial Response

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

Released to Imaging: 5/12/2023 3:21:57 PM

Incident ID	nAPP2226544614
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release? <u>Plate 2</u>	<u>82</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? <u>Plate 4</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? <u>Plate 4</u>	<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? <u>Plate 5</u>	<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? <u>Plate 3</u>	<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? <u>Plate 3</u>	<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? <u>Plate 3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland? <u>Plate 6</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine? <u>Plate 7</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology? <u>Plate 8</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain? <u>Plate 9</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not 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

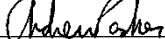
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2226544614
District RP	
Facility ID	
Application ID	

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

Printed Name: Andrew ParkerTitle: Env. ScientistSignature: Date: April 11, 2023email: aparker@ameredev.comTelephone: 970-570-9535**OCD Only**

Received by: _____

Date: _____

Incident ID	nAPP2226544614
District RP	
Facility ID	
Application ID	

Remediation Plan

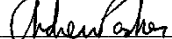
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ 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: April 11, 2023email: aparker@ameredev.comTelephone: 970-570-9535**OCD Only**

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral ApprovedSignature: Date: 05/12/2023

Incident ID	nAPP2226544614
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.

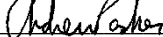
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ 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: April 11, 2023

email: aparker@ameredev.com

Telephone: 970-570-9535

OCD Only

Received by: _____

Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____

Spill Dimensions to Volume of Release			
Input	volume of affected soil	[feet^3]	74633.00
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.10
Output	volume of fluid	[feet^3]	2612.2
		[gal]	19540.3
		Barrels	465.2
		Recovered	160
		Net	305.2

From GIS	
Sq. Ft	74633
Depth (ft)	1
Cu. Ft	74633
Cu. Yrds	2764



Ameredev II, LLC

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

April 11, 2023

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

RE: Closure Report and Deferral Request
Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

NMOCD:

Ameredev Operating LLC respectfully submits this closure report and deferral request for incident number nAPP2226544614.

1. Remediation of areas outside of deferral areas meet the most stringent Closure Criteria listed in Table 1 of 19.15.29 NMAC and Ameredev requests closure of the regulatory file for these remediated areas.
2. Remediation deferral is requested to prevent facility deconstruction around production equipment and around utility poles where sampling did not meet Closure Criteria.
3. Liner variance was retracted when excavation at further depth demonstrated soil samples met closure requirements. Associated emails are included in Appendix A.

This report includes characterization and remediation activities for the above incident. The release occurred on September 20, 2022 due to equipment failure along a pipeline. The calculated volume of released produced water was approximately 465 bbls, with 160 bbls recovered and 305 bbls lost.

The release occurred off-site within a pipeline right-of-way (ROW) for oil and gas operations, flowed along the ROW and then onto pasture. The release is located on Fee surface. The release did not impact surface or groundwater. Photos of release extent and remedial activities are located in the "Photos" section.

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Incident ID: nAPP2226544614

Peach Riser

AEP #: 20220920-2300-water

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 discharge was determined by visual observations. The discharge extent mapping utilized GPS technology with sub-meter accuracy.

Plate 1 shows the release extent relative to the Peach Riser production site, production equipment, utilities, right of way (ROW) and pasture. The coordinates of the discharge site are 32.1113012, -103.27975 (Lat, Long; NAD83). The discharge extent covered approximately 74,634 sq feet.

1.2. Depth to Ground Water

To determine depth-to-water within ½-mile of the release extent, Ameredev Operating began a depth-to-water borehole program mid-September 2022. The depth to water boring nearest to the release area is mapped on Plate 2:

- MISC-412 (CP-1921 POD 1) is located 120-feet east of the eastern release extent. Depth to water is noted as 82.15-feet. The Well Log is presented in Appendix A. The borehole has been plugged according to OSE regulations.

1.3. Wellhead Protection Area

Plate 3 shows that the discharge 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 freshwater well or spring.

1.4. Distance to Nearest Significant Water Course

Plate 4 shows that the discharge extent is:

- Within ½ mile of a significant water course.
- Within 300 feet of a significant watercourse. The significant watercourse is mapped as intermittent and transects the release extent.
- Not within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

04/11/2023

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Incident ID: nAPP2226544614

Peach Riser

AEP #: 20220920-2300-water

1.5. Soil/Waste Characteristics

The release occurred in Largo-Pajarito complex, rarely flooded, with 0 to 3 percent slopes. The USDA Natural Resources Conservation Service (NRCS)¹ soil survey describes the upper 60 inches (5 ft) of lithology as

Largo profile:

- A - 0 to 13 inches: loam
- AC - 13 to 30 inches: silty clay loam
- C - 30 to 60 inches: silty clay loam

Pajarito profile:

- A - 0 to 16 inches: loamy fine sand
- Bw - 16 to 48 inches: fine sandy loam
- Bk - 48 to 60 inches: fine sandy loam

And the Simona Upton Association, with 0-3 percent slopes. The USDA Natural Resources Conservation Service (NRCS)¹ soil survey describes the upper 60 of lithology as

Simona profile:

- A - 0 to 8 inches: gravelly fine sandy loam
- Bk - 8 to 16 inches: fine sandy loam
- Bkm - 16 to 26 inches: cemented material

The lithology as described by the NRCS is consistent with excavation activities during remediation.

2. Remediation & Restoration Workplan

Per 19.15.29.12.C (4)(a)(i) NMAC, a significant water course (intermittent stream) is located within 300-feet of the release and remediation is required to meet Closure Criteria listed in Table 1 of 19.15.29 NMAC as if groundwater is ≤ 50 -feet below ground surface. Closure Criteria are defined as

- Chloride < 600 mg/kg
- TPH (GRO + DRO + MRO) < 100 mg/kg
- TPH (GRO + DRO) < 100 mg/kg
- BTEX < 50 mg/kg
- Benzene < 10 mg/kg

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

04/11/2023

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Incident ID: nAPP2226544614

Peach Riser

AEP #: 20220920-2300-water

On September 23, 2022; OCD approved a 400 ft² sampling grid. Email communication is included in Appendix A.

The approved variance for sample grid size provides equal or better protection of fresh water, public health, and the environment according to the “10% Condition”² that states sample sizes should be no more than 10% of the population (excavation extent area) as long as it does not exceed 1,000³. The approved sample grid of 400 sq ft exceeds this condition.

Statistics of the final sample grid size shows

- Minimum is 157.3 sq. ft.,
- Maximum is 400 sq. ft., and
- An average of 369.6 sq. ft.

With an average sample grid size of 369.6 sq ft, the 10% rule is satisfied where sample size is less than 10% of population (0.5%). The resulting sample grid represents 99.5% of total population.

Population (sq ft area)	Sample Size (grid sq. ft.)	No. of Sample Grids	% of Population (sq. ft. area)	Representative of Population	Meets 10% Condition
74,634	200	373	0.3%	99.7%	Yes
74,634	369.6	217	0.5%	99.5%	Yes
74,634	400	187	1%	99%	Yes
74,634	500	149	1%	99%	Yes
74,634	1,000	75	1%	99%	Yes
74,634	7,463	10	10%	90%	Equal
74,634	10,000	7	13%	87%	No

Therefore, the final sampling grid statistically provides equal significance of laboratory results as a 200 sq. ft. sampling grid for the constituents listed in Table 1 of 19.15.29 NMAC, as both the 200 sq ft and 400 sq ft grid size meets the “10% Condition”.

Furthermore, 299 sample locations were tested at varying depths, resulting in a total of 382 samples.

Ameredev Operating started remediation activities on September 27, 2022 and completed remediation, restoration, and reclamation activities on March 17, 2023. All grids, outside of requested deferral areas, were excavated until the walls and bases met Closure Criteria as defined above.

² <https://web.ma.utexas.edu/users/mks/M358KInstr/TenPctCond.pdf>

³ <https://tools4dev.org/resources/how-to-choose-a-sample-size/>

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Soil samples were collected from excavation bases and walls for laboratory analysis of chloride, TPH, Benzene, and BTEX. Confirmation sample locations were adjusted as needed to maintain an area not to exceed 400 sq. ft.

- Plates 10a – 10f show the sample grid layout.
- Plates 11a – 11f show the final confirmation and delineation sample locations.
- Table A shows confirmation sample coordinates.
- Table B shows summary of analytical.

Initial analytical results caused Ameredev to propose a liner variance for grids where, at a depth of 5 feet, sample results were above Closure Criteria. This variance was approved with the condition to further excavate to defined depths. Ameredev elected to excavate base grids that exceeded Closure Criteria within the liner variance request area to meet the most stringent Closure Criteria as some of the base confirmation samples meet criteria at 6.5 feet. A few base grids required excavating to 7.5 to 10 feet below ground surface to meet the most stringent Closure Criteria. Ameredev requested the variance to be retracted and NMOCD approved the retraction request on January 3, 2023.

3. Deferral Request

Ameredev Operating respectfully requests deferral of remediation of impacted areas immediately under or around off-site production equipment and utility poles where such equipment prevented complete remediation without major facility deconstruction or destabilization as well as risking human health. Per 19.15.29.12.C.(2) NMAC, remediation may be deferred around production equipment where remediation would cause a major facility deconstruction.

Deferral request meets criteria as defined in 19.15.29.12.C.(2):

- ***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.***

In areas where deferral is requested, the top 0.25 to 0.5 feet was excavated to remove the mass load of impacted material. The material was hauled off-site to an approved disposal facility.

The release extent in deferred areas were comprehensively sampled with grab samples for vertical and horizontal delineation to support deferral request. Confirmation samples in grids adjacent to deferral areas also acted to provide delineation data. All horizontal delineation samples met Closure Criteria per Table 1 of 19.15.29 NMAC as if groundwater is ≤ 50 -feet below ground surface (see Table B Summary of Analytical).

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Peach Riser

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Remediation deferral is requested where:

- Production equipment prevented complete remediation of all or a portion of base grids G-019, G-020, G-021, G-022, G-023, G-024, G-025, G-026, G-129, and G-130.
- Utility poles supplying power to oil and gas operations prevented complete remediation at risk for destabilization including all or portions of base grids G-004, G-005, G-006, G-007, G-008, G-009, G-011, G-012.1, G-013, G-014, G-017, G-018, G-019, G-028, G-059, G-060, G-120, G-121, G-122, G-150, G-151, G-153

Plate 1 shows the location of production equipment and utility poles. Plates 10a and 10e show the deferral areas in relation to sample grids. Plates 11a and 11e show deferral areas in relation to sample points.


Approximately 14,963 cu. yds of material were excavated and removed off-site for proper disposal.

Ameredev Operating remediated and restored the impacted surface areas to conditions that existed prior to the release within the ROW and pastureland was remediated, restored, and reclaimed per 19.15.29.13.A-D NMAC.

The release extent within the deferred areas at production equipment/utility poles will be remediated, restored, and reclaimed per 19.15.29.13.A-D NMAC when no longer in-use for oil and gas operations.

Please contact me with any questions.

Sincerely,



Andrew Parker
Ameredev Operating
Environmental Scientist

04/11/2023

Photos



Ameredev II, LLC

Locations of Photos



Ameredeve II, LLC



Figure 1: Photo of initial release within pipeline ROW. Photo is viewing west toward the source point at riser (background). 2022-09-21 09:00:45. GPS: 32.1111253 N, 103.2787747 W.



Figure 2: Photo of excavation extent from northeastern portion of the release. Photo is viewing west-southwest. 2022-12-21 10:24:35. GPS: 32.1112870 N, 103.2789350 W



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Figure 3: Excavation along pipeline ROW. Photo is viewing north-northwest. 2023-02-09 14:32:58. GPS: 32.1099010 N, 103.2796740 W.



Figure 4: Hydrovac'ing around pipeline risers, at source, to remove mass load of impacted material. Photo is viewing southwest. 2022-10-28 15:07:26. GPS: 32.1113517 N, 103.2796717 W.



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Figure 5: Excavation north of lease road along pipeline ROW and around utility poles. The south riser is visible in photo background. Photo is viewing west-northwest. 2023-01-26 14:29:40. GPS: 32.1096830 N, 103.2795200 W.



Figure 6: Excavation around south riser. Photo is viewing northwest. 2023-01-26 14:30:23. GPS: 32.1098390 N, 103.2798130 W.





Figure 7: Restoration along pipeline ROW. Photo is viewing north from southern remediation extent. 2023-03-17 13:22:49. GPS: 32.1084965 N, 103.2799479 W.



Figure 8: Restoration along pipeline ROW. Photo is viewing south from central remediation extent. 2023-03-17 13:10:25. GPS: 32.1097269 N, 103.2799332 W.



Figure 9: Restoration of pastureland. Photo is viewing southeast photographed from the north central release extent, west of the production equipment and source point. 2023-03-17 13:03:05. GPS: 32.1112992 N, 103.2795384 W.

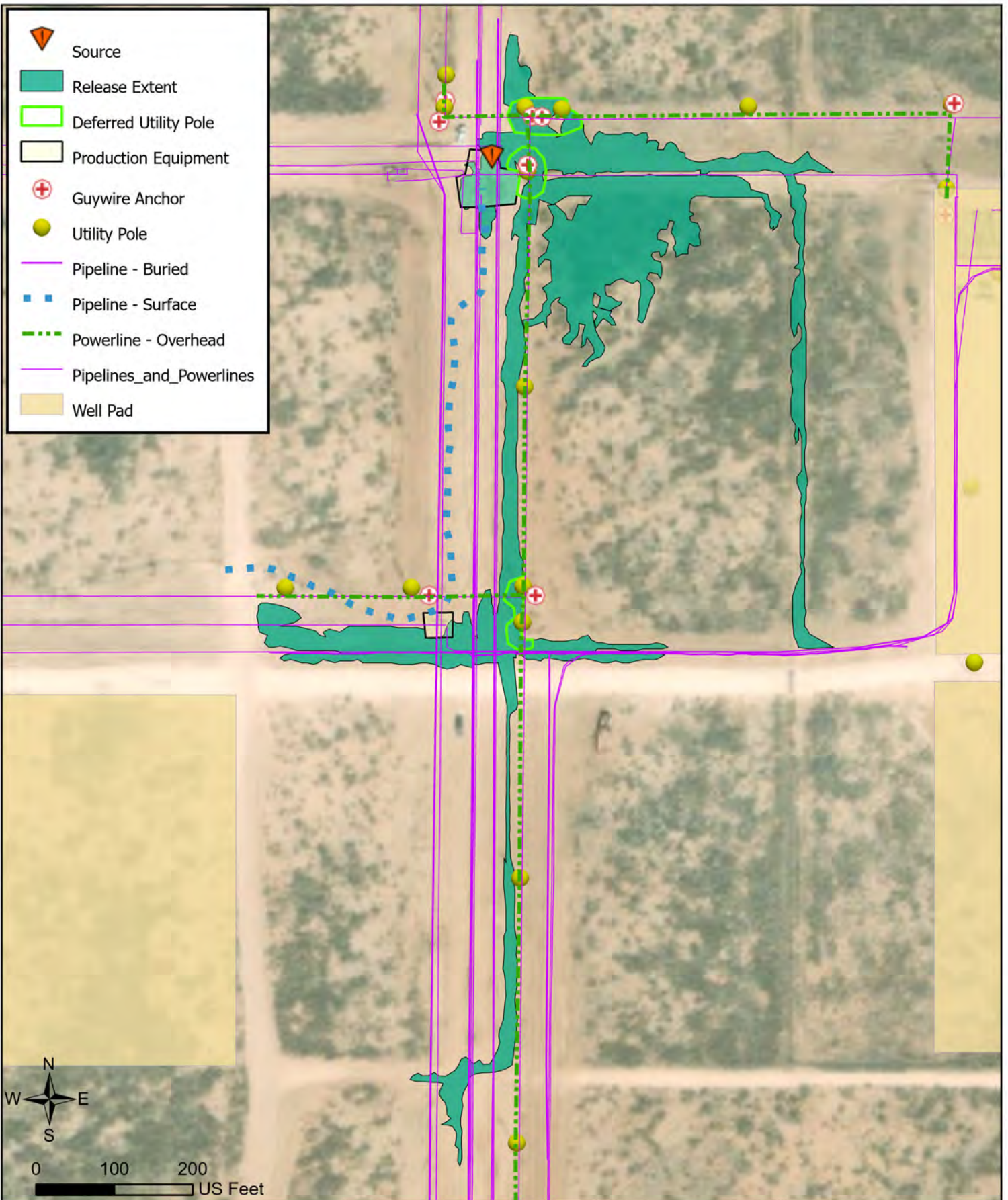


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Plates



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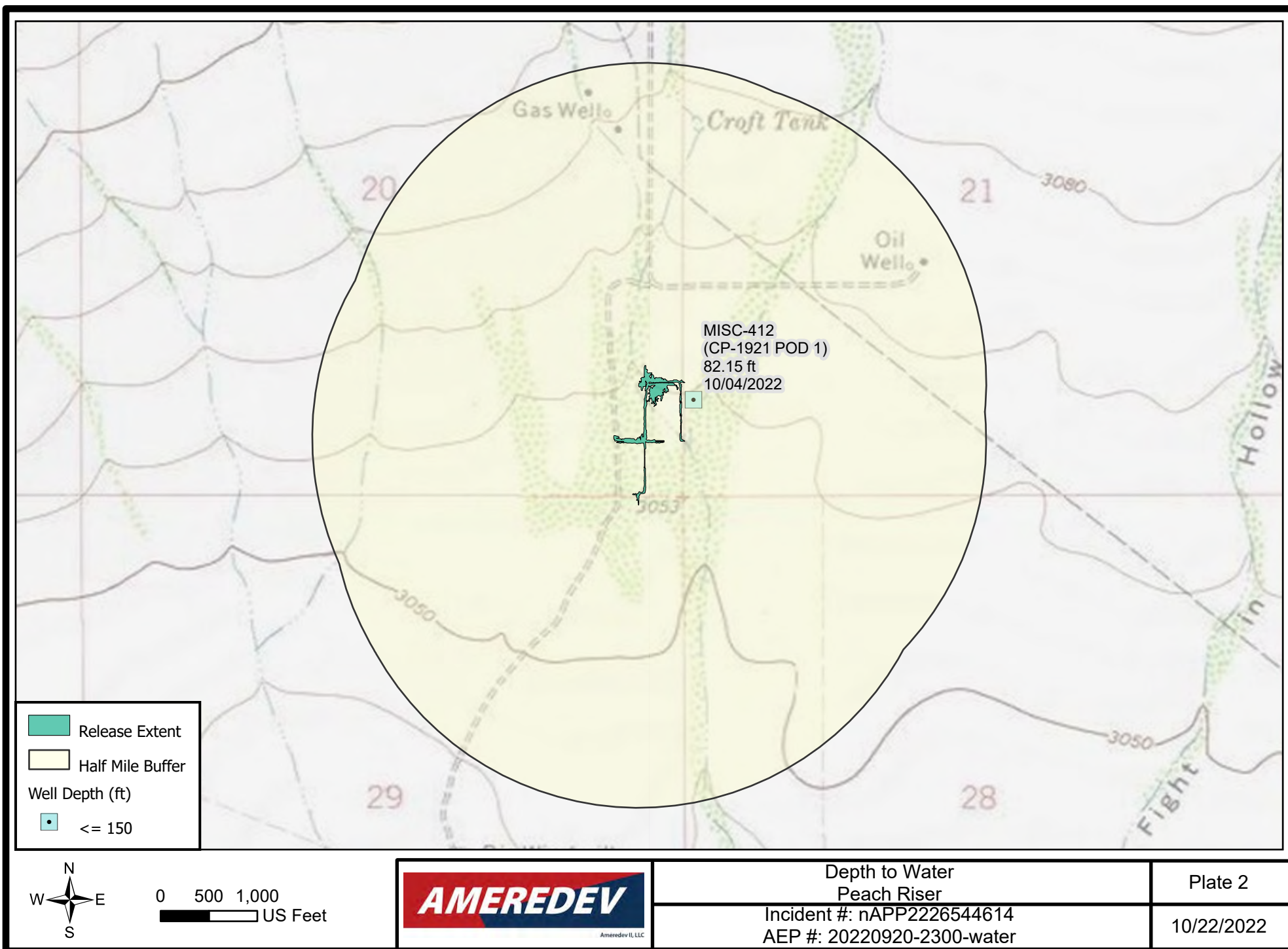


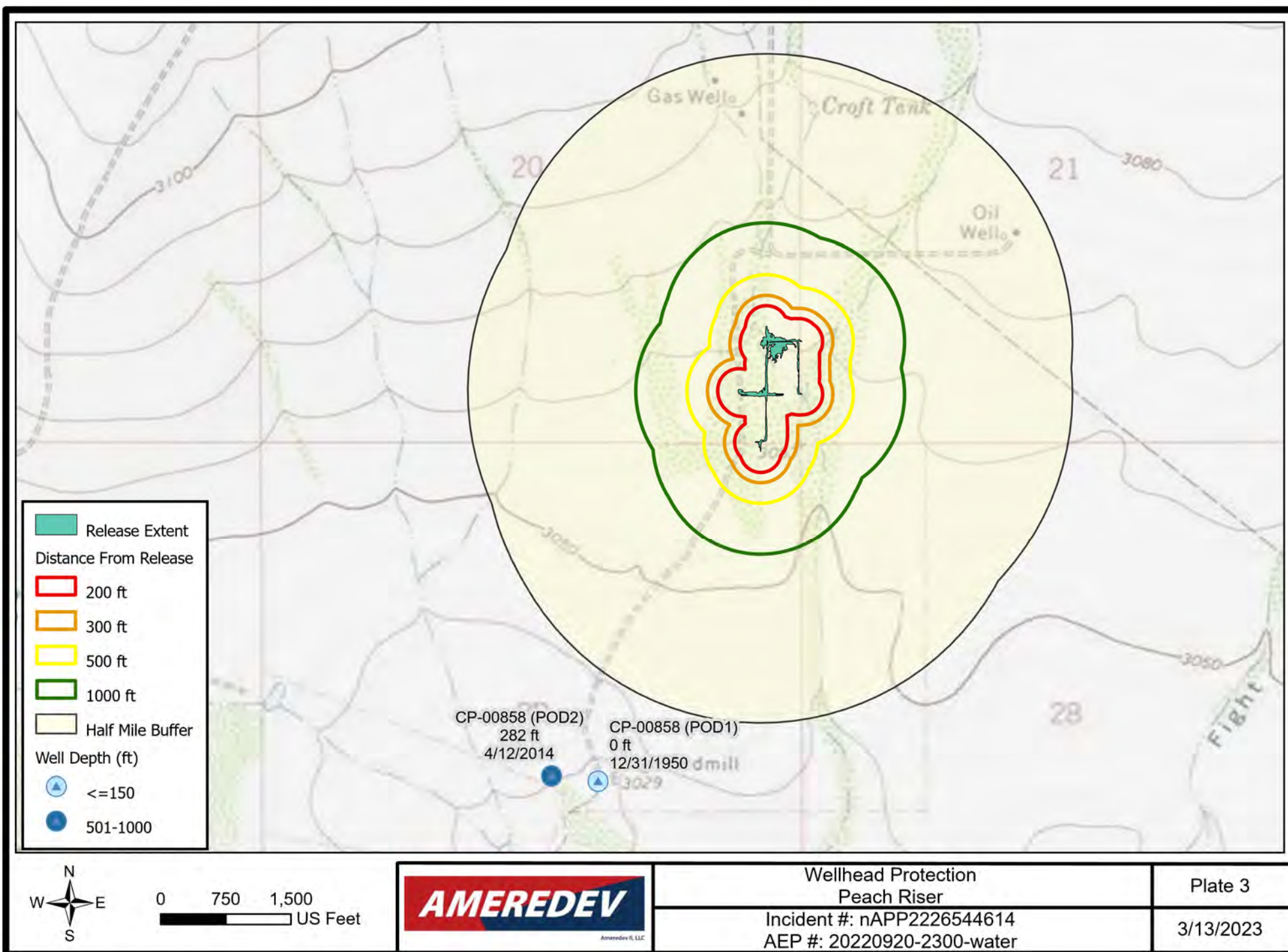
Site Map
Peach Riser

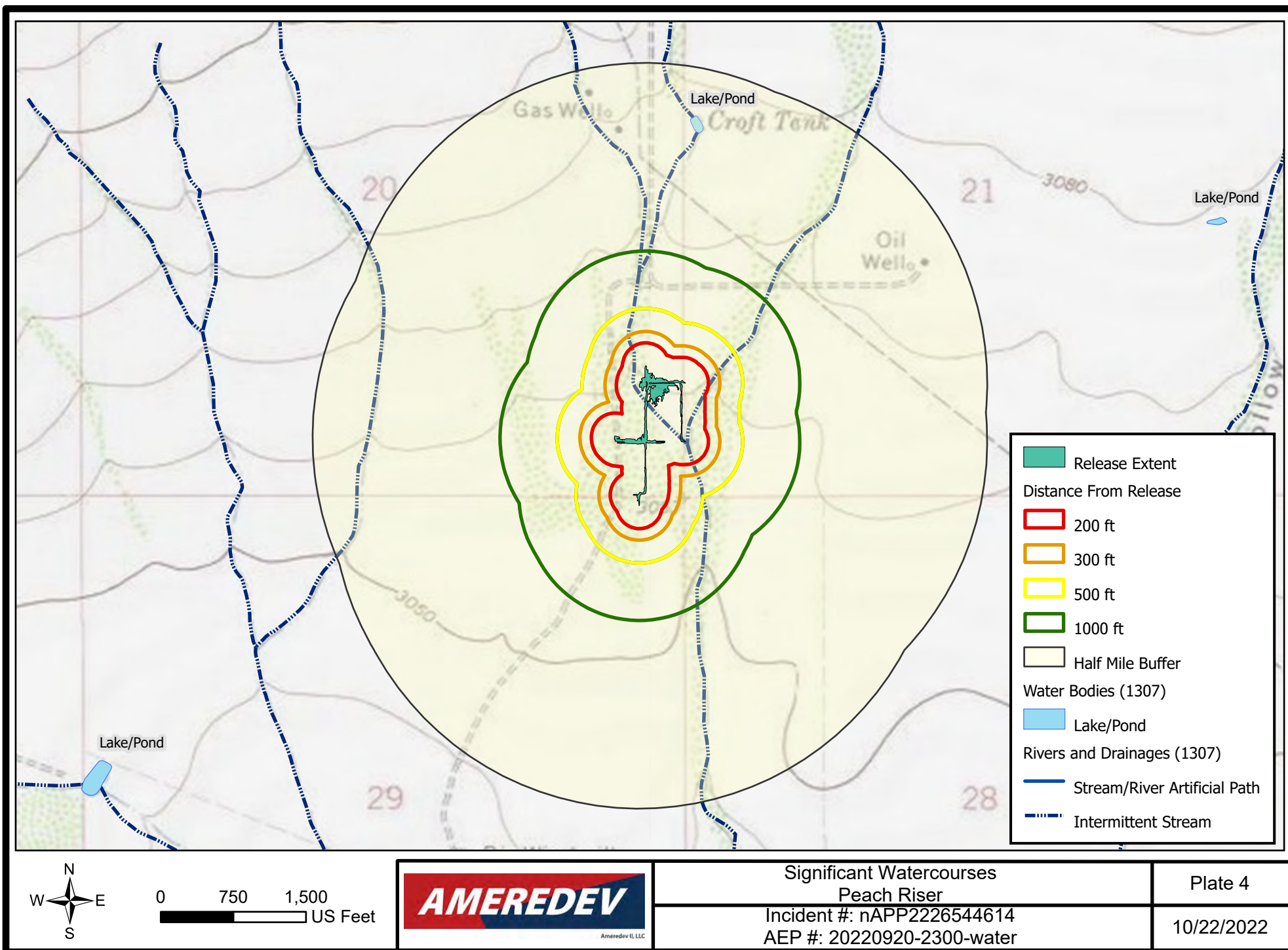
Plate 1

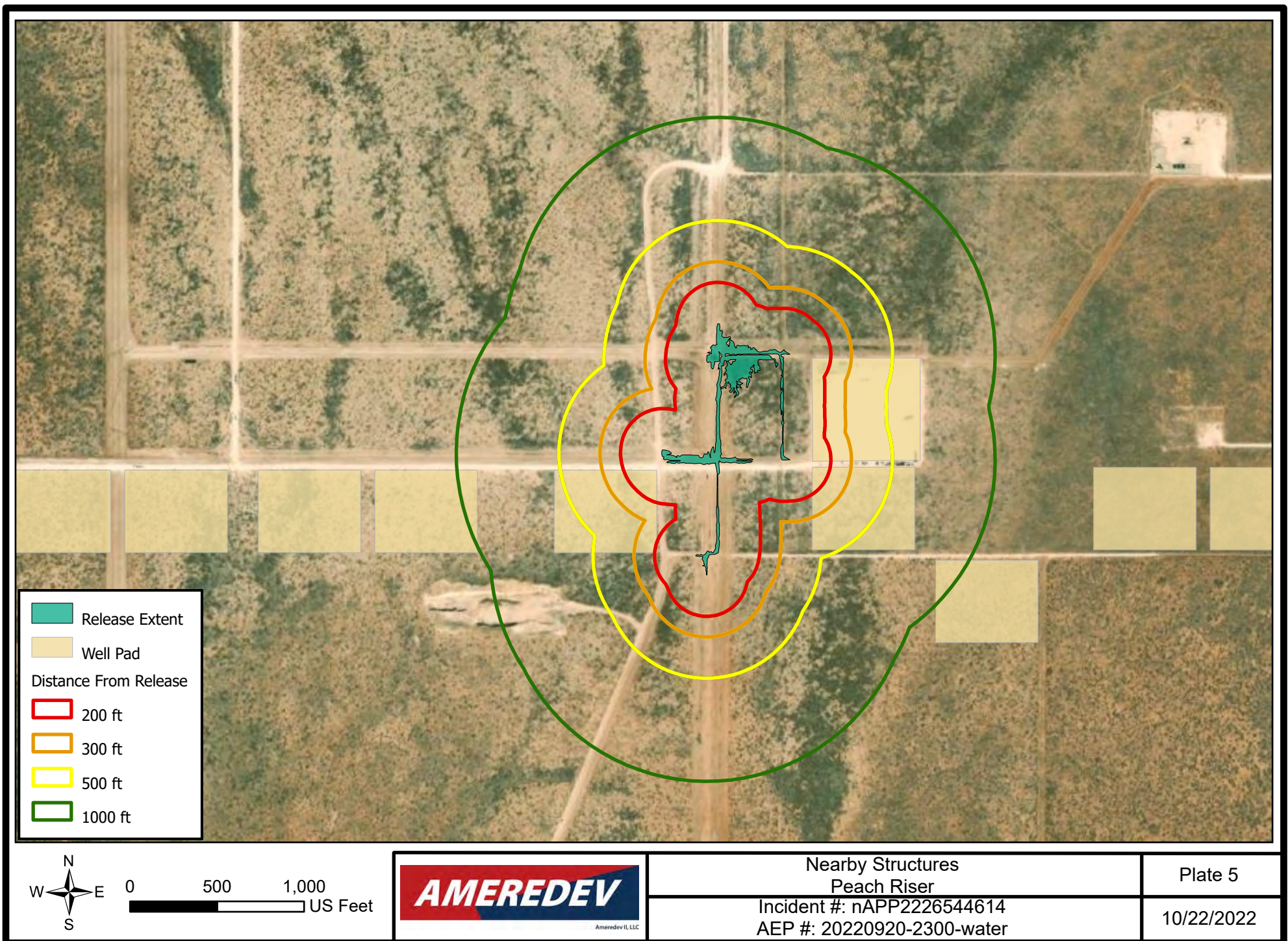
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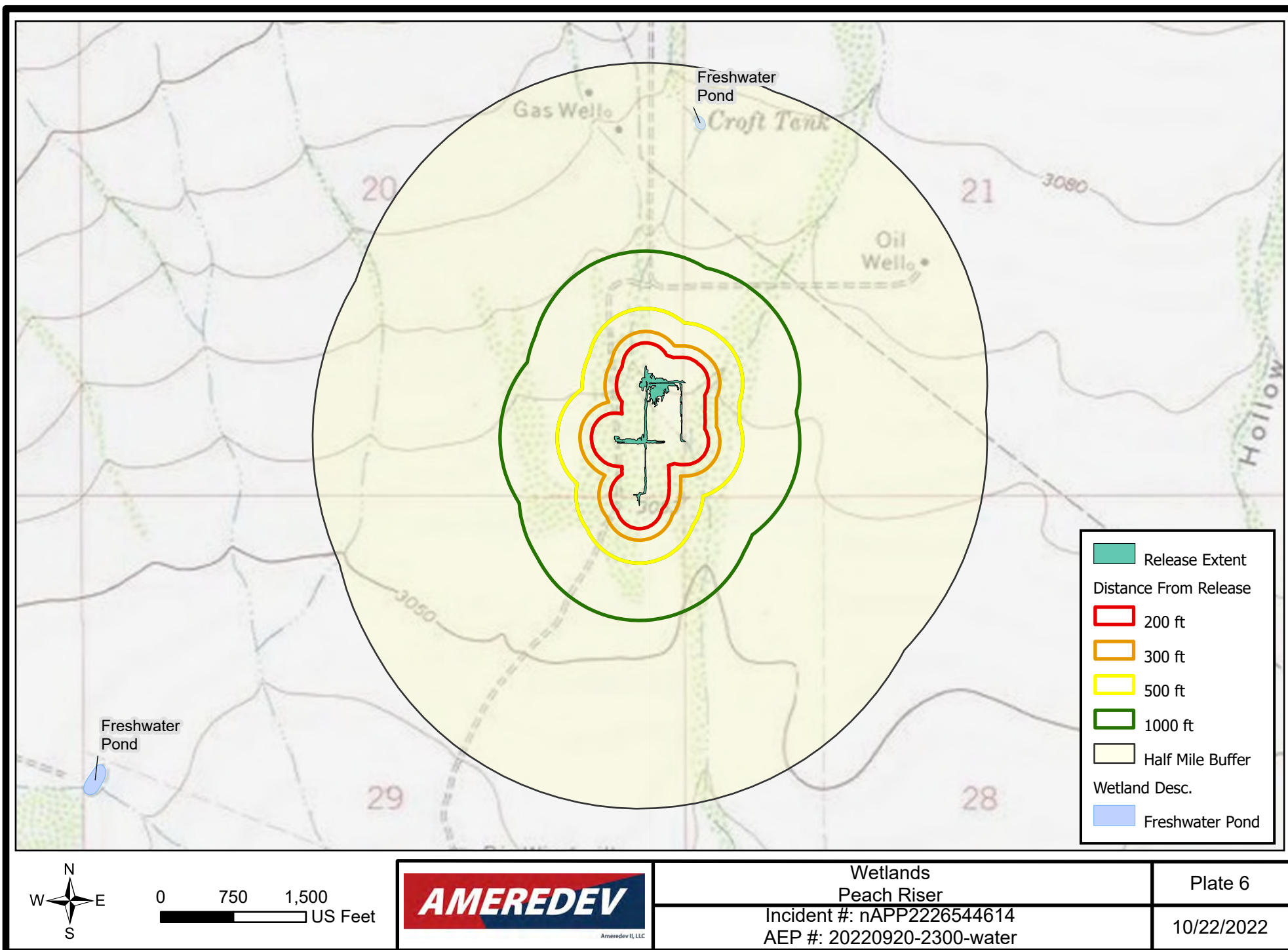
3/14/2023

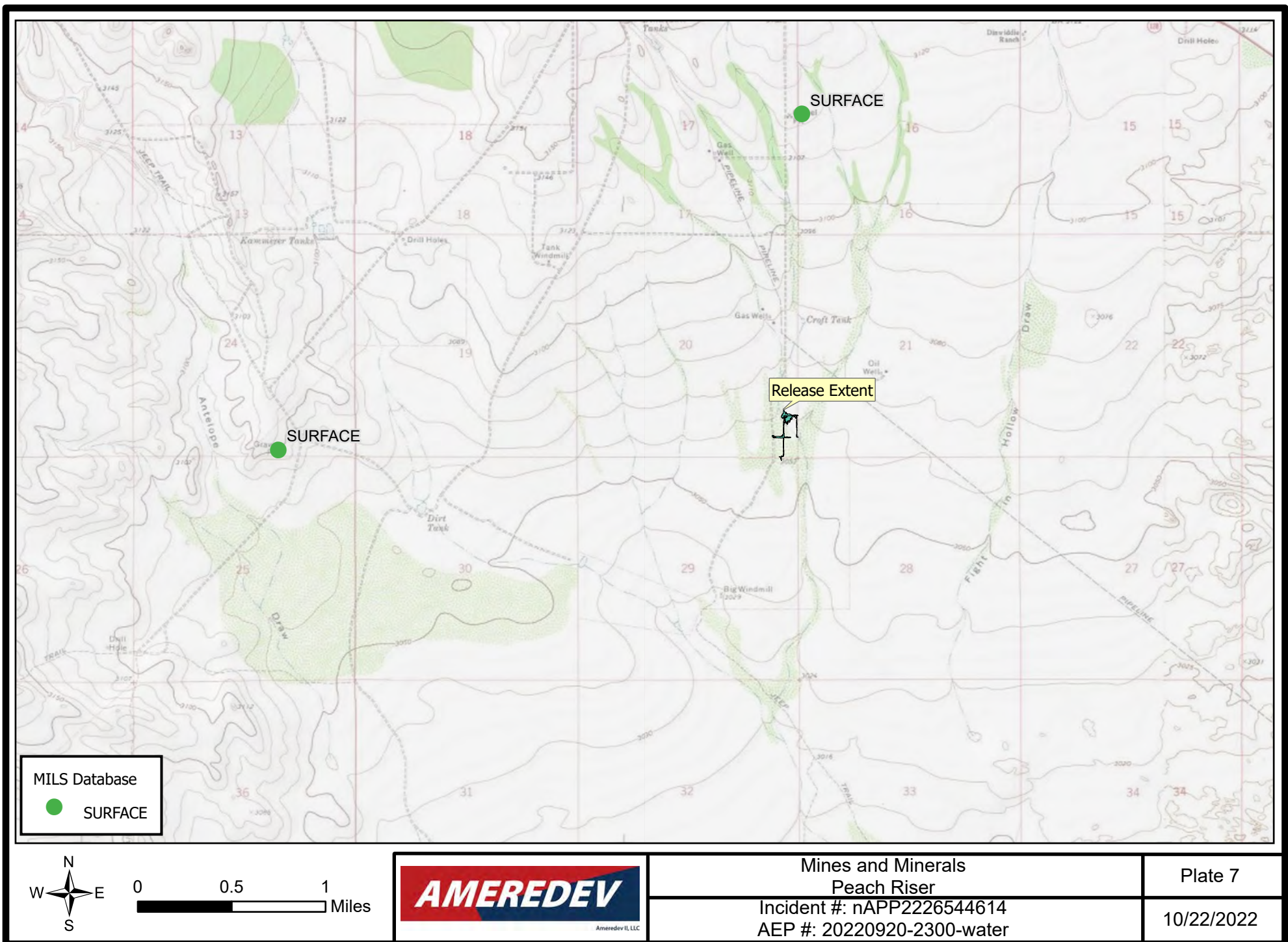


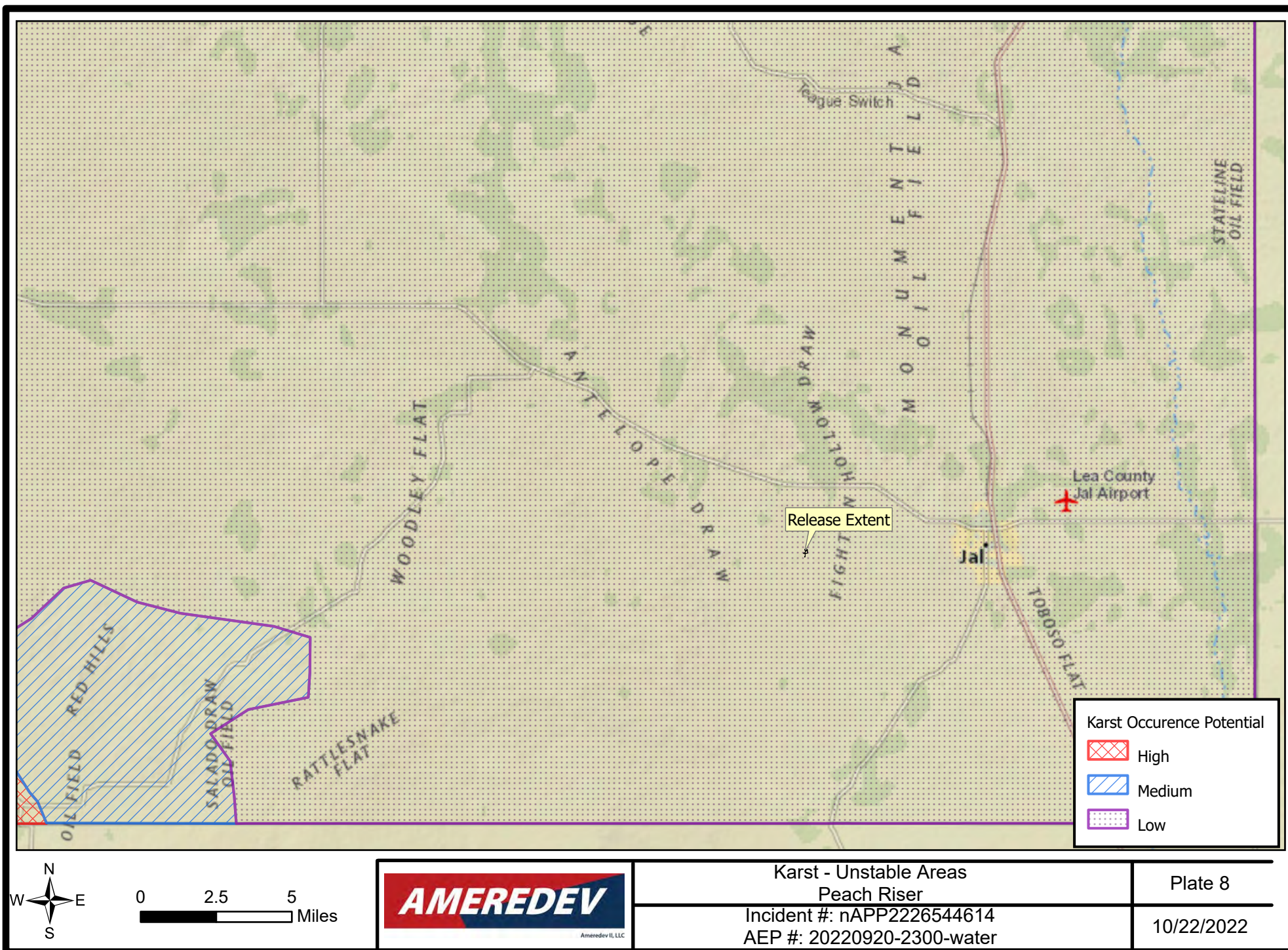


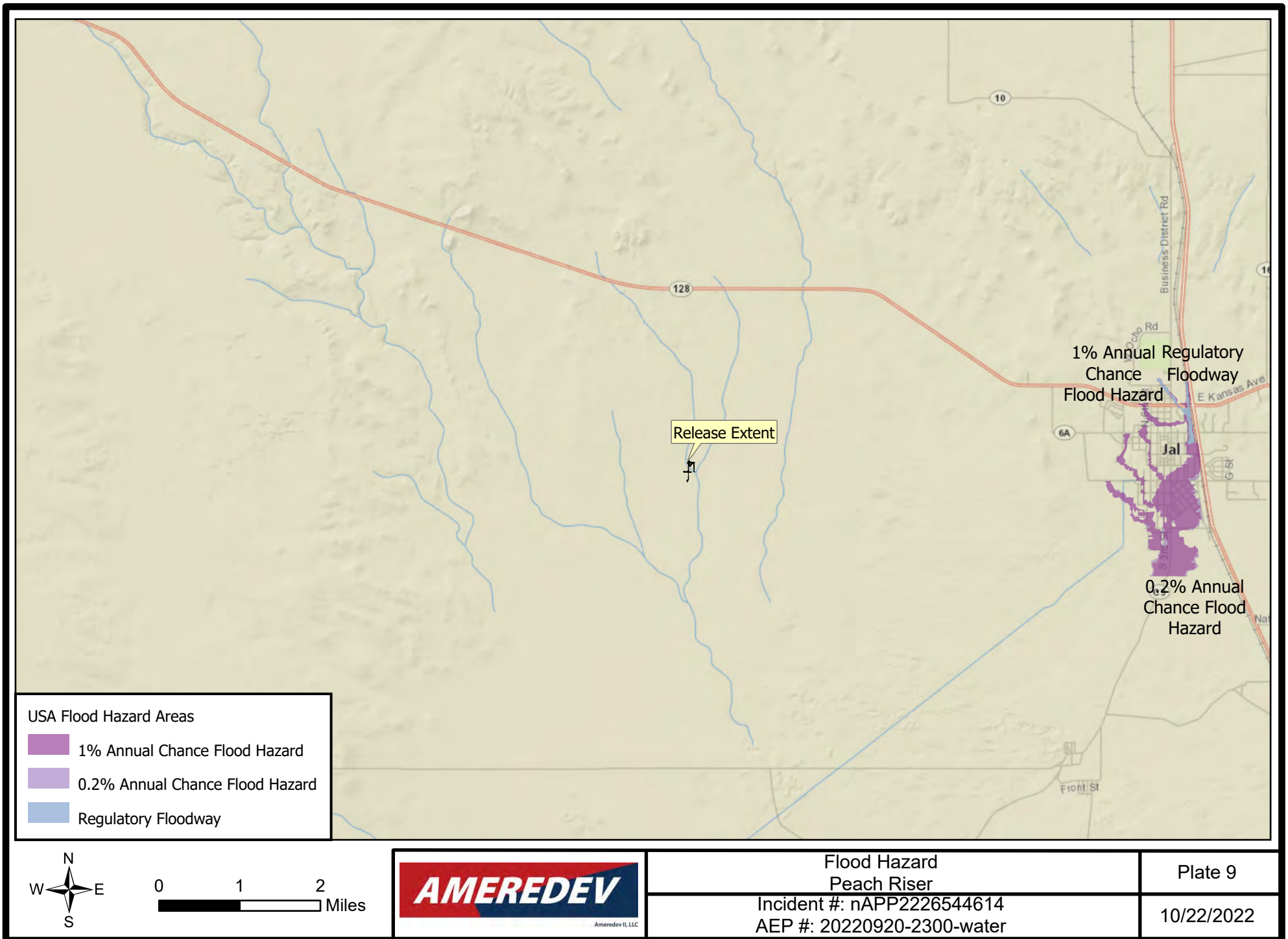


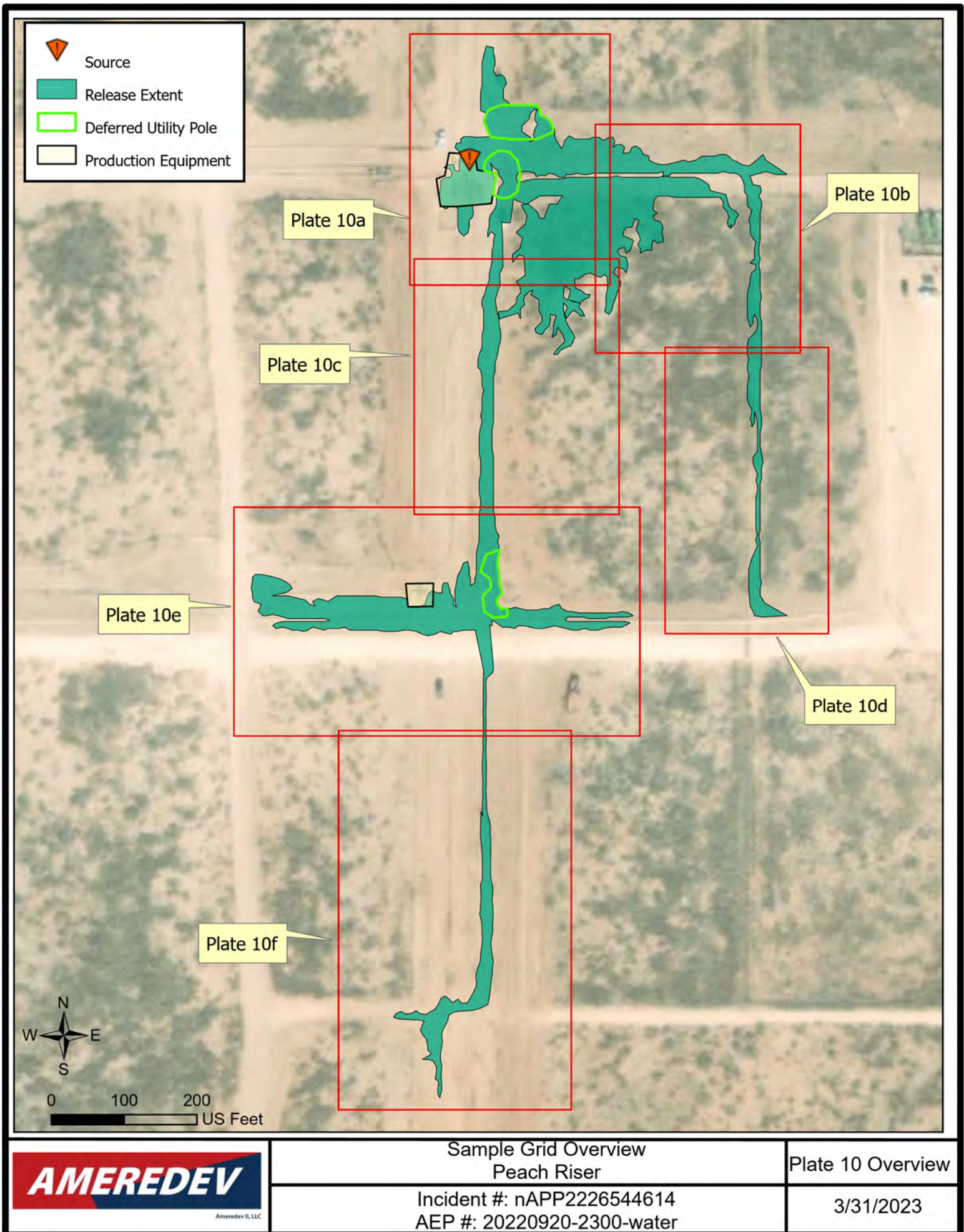


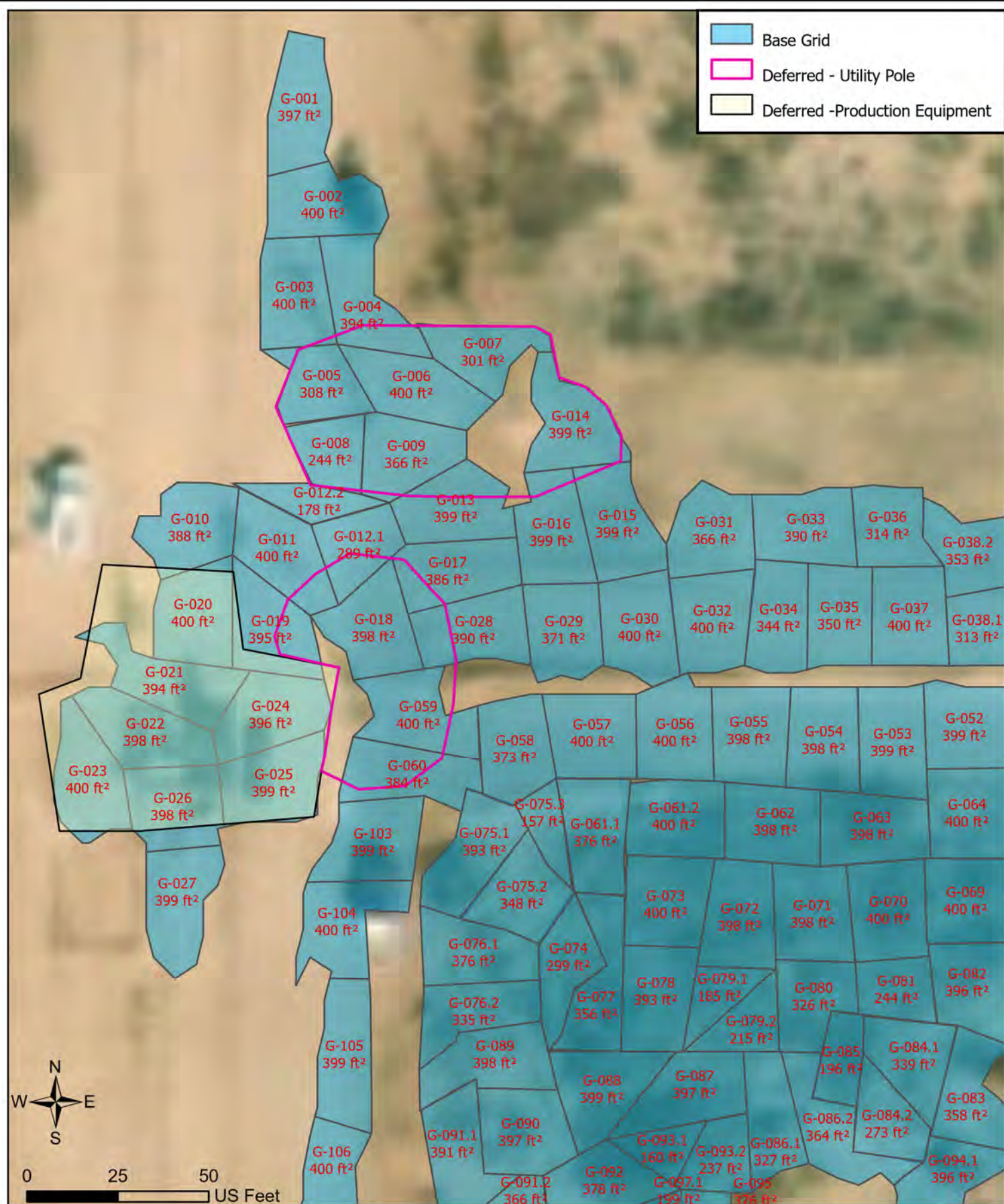












Sample Grid with Associated Square Footage
Peach Riser

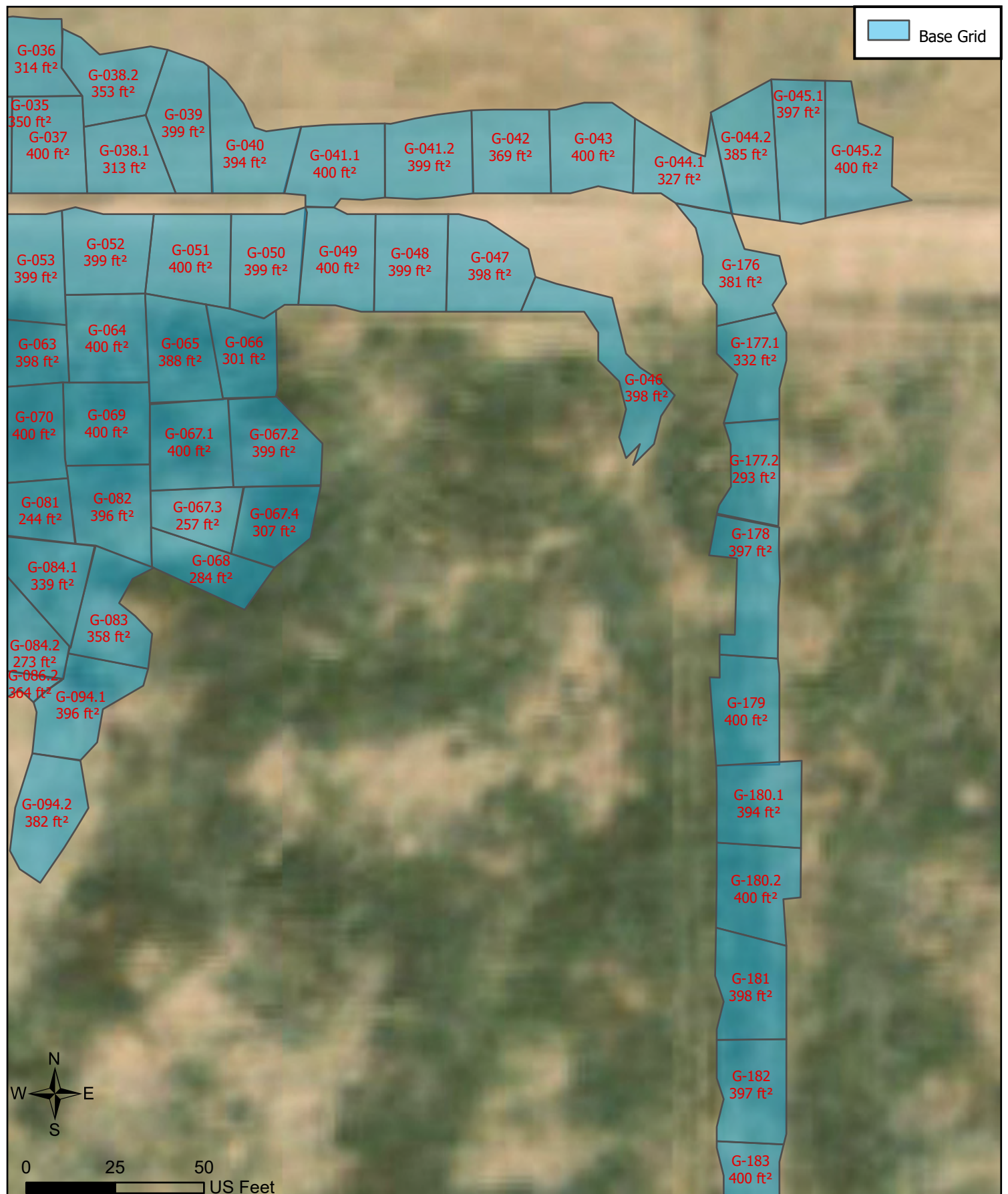
Plate 10a

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Sample Grid with Associated Square Footage
Peach Riser

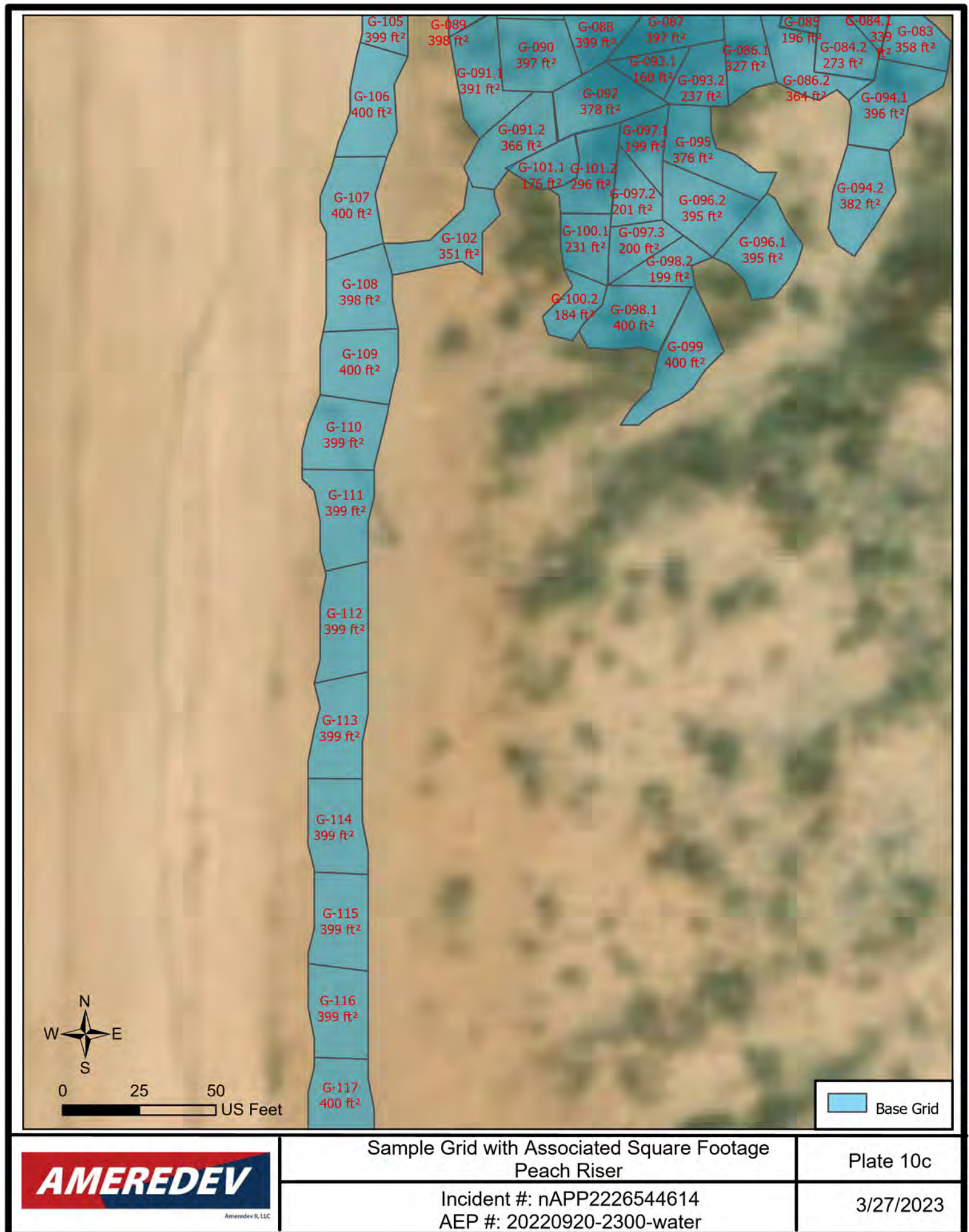
Plate 10b

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Sample Grid with Associated Square Footage
Peach Riser

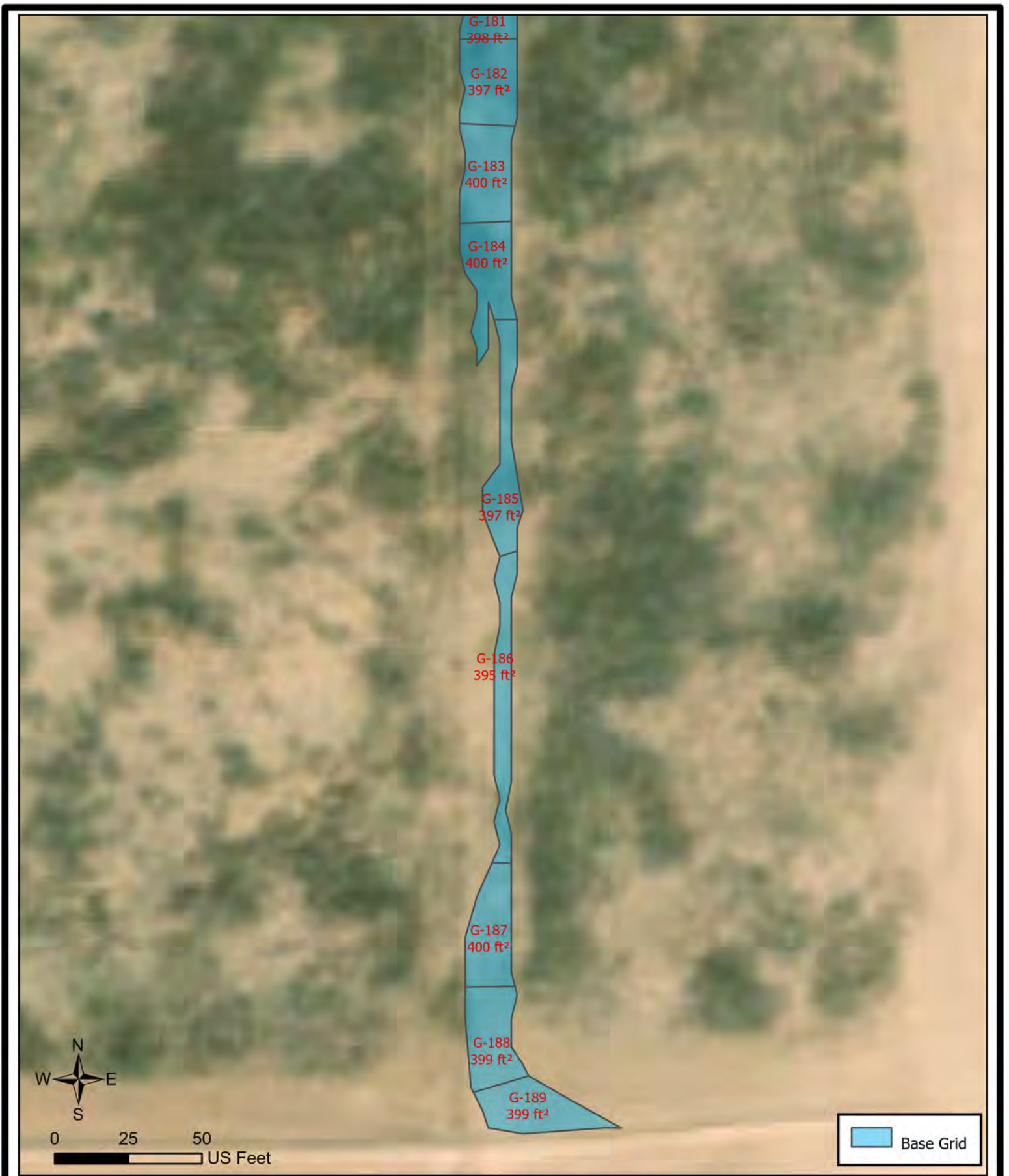
Plate 10c

Incident #: nAPP2226544614
AEP #: 20220920-2300-water

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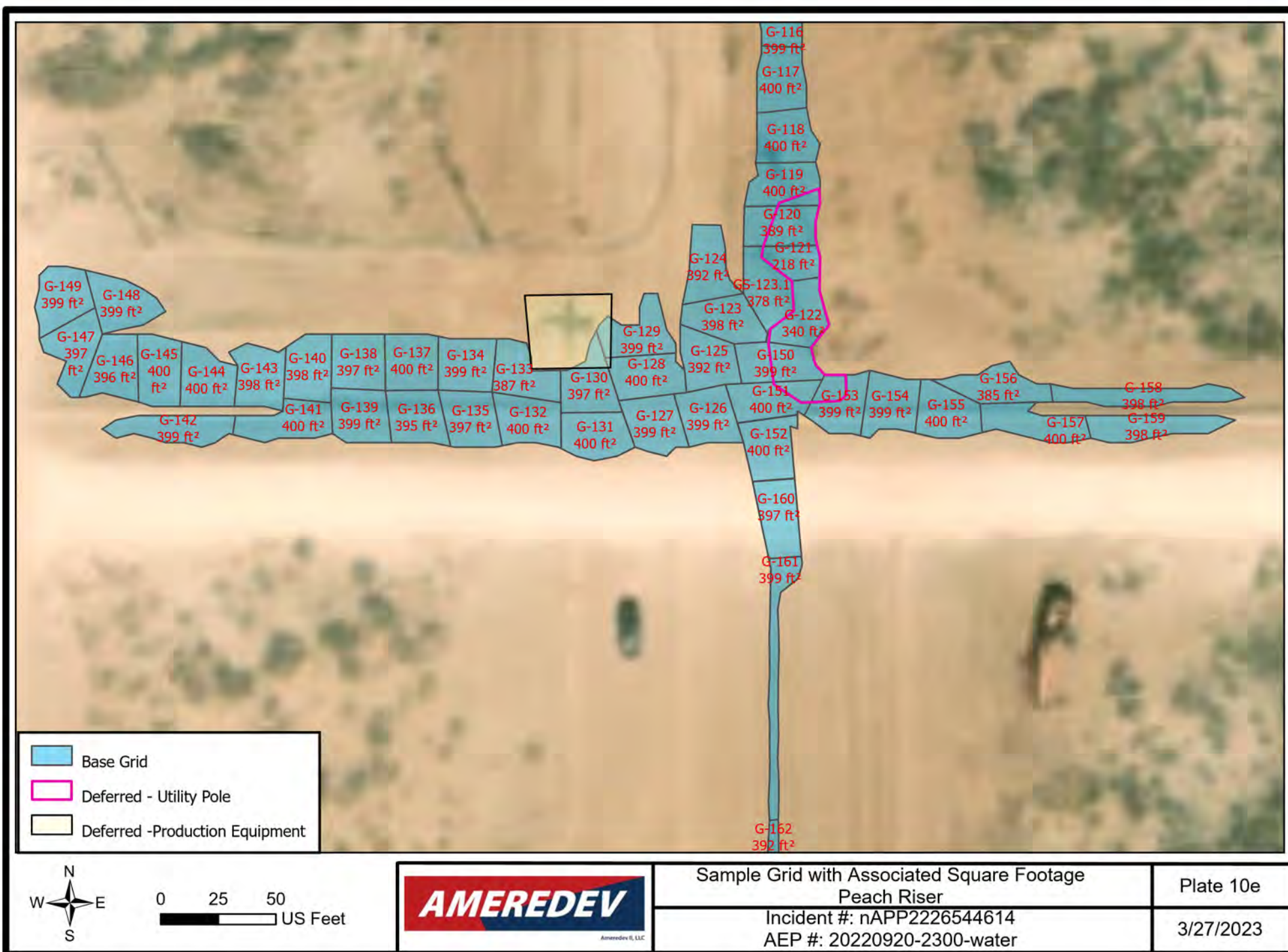


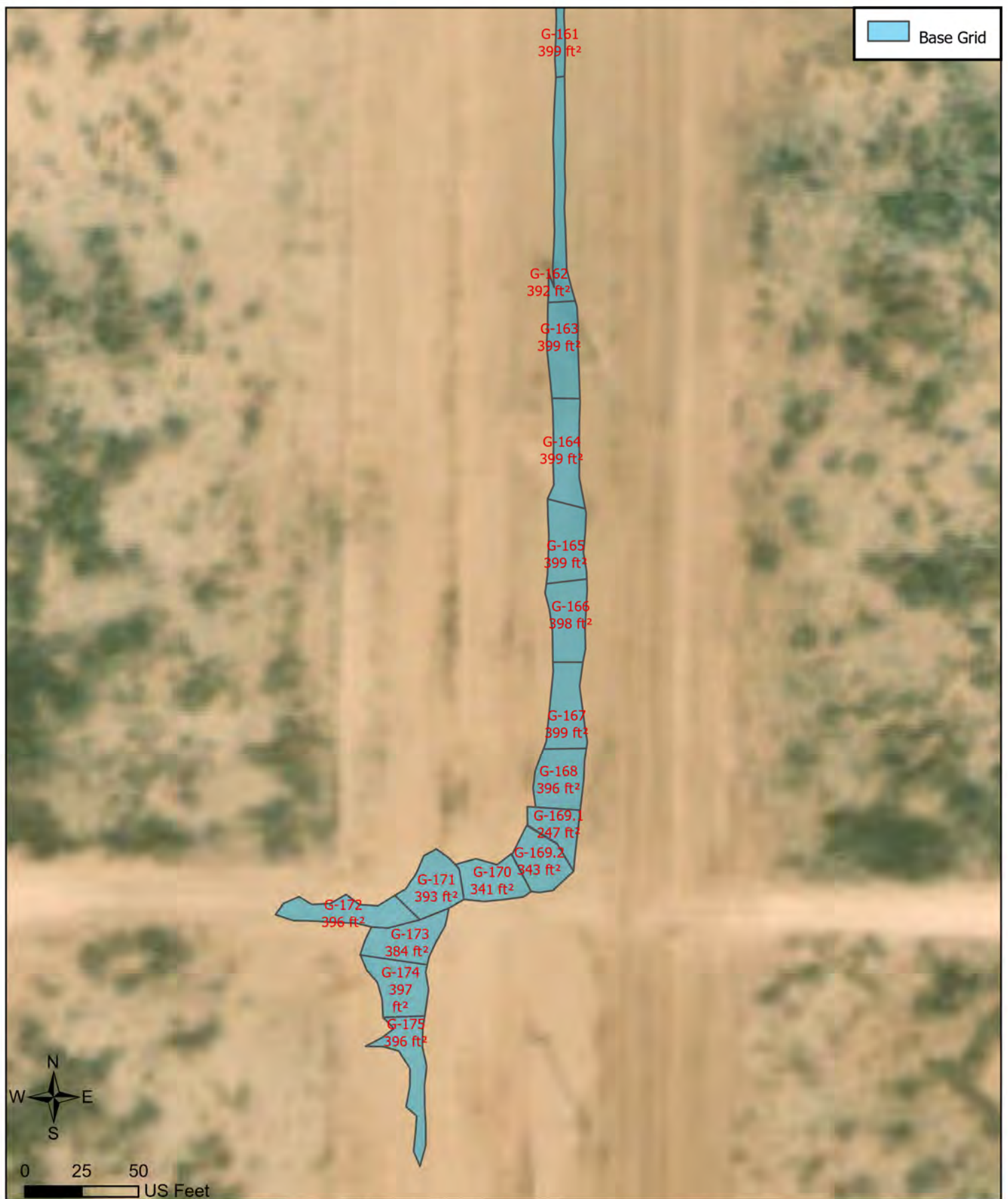
Sample Grid with Associated Square Footage
Peach Riser

Incident #: nAPP2226544614
AEP #: 20220920-2300-water

Plate 10d

3/27/2023





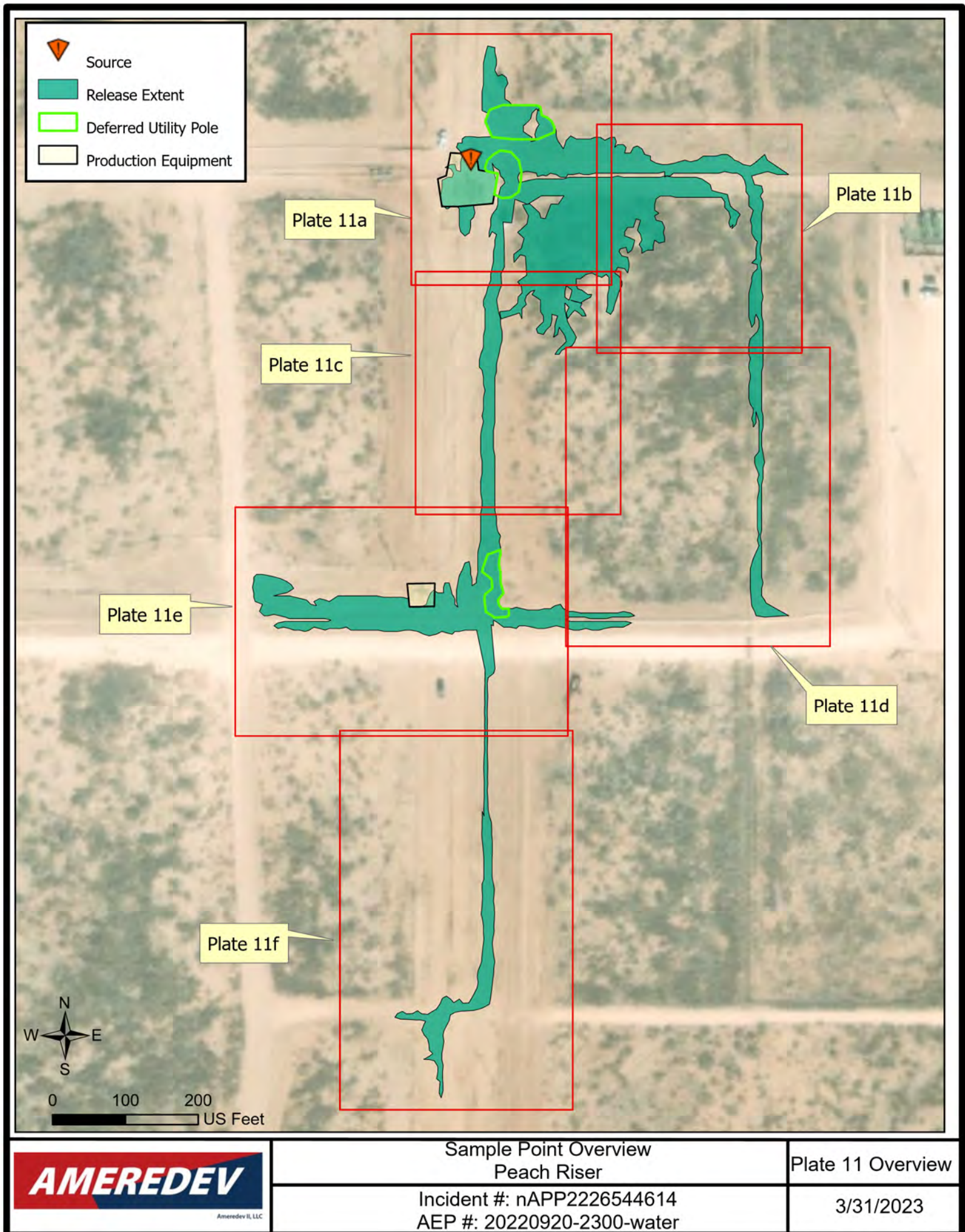
Ameredev II, LLC

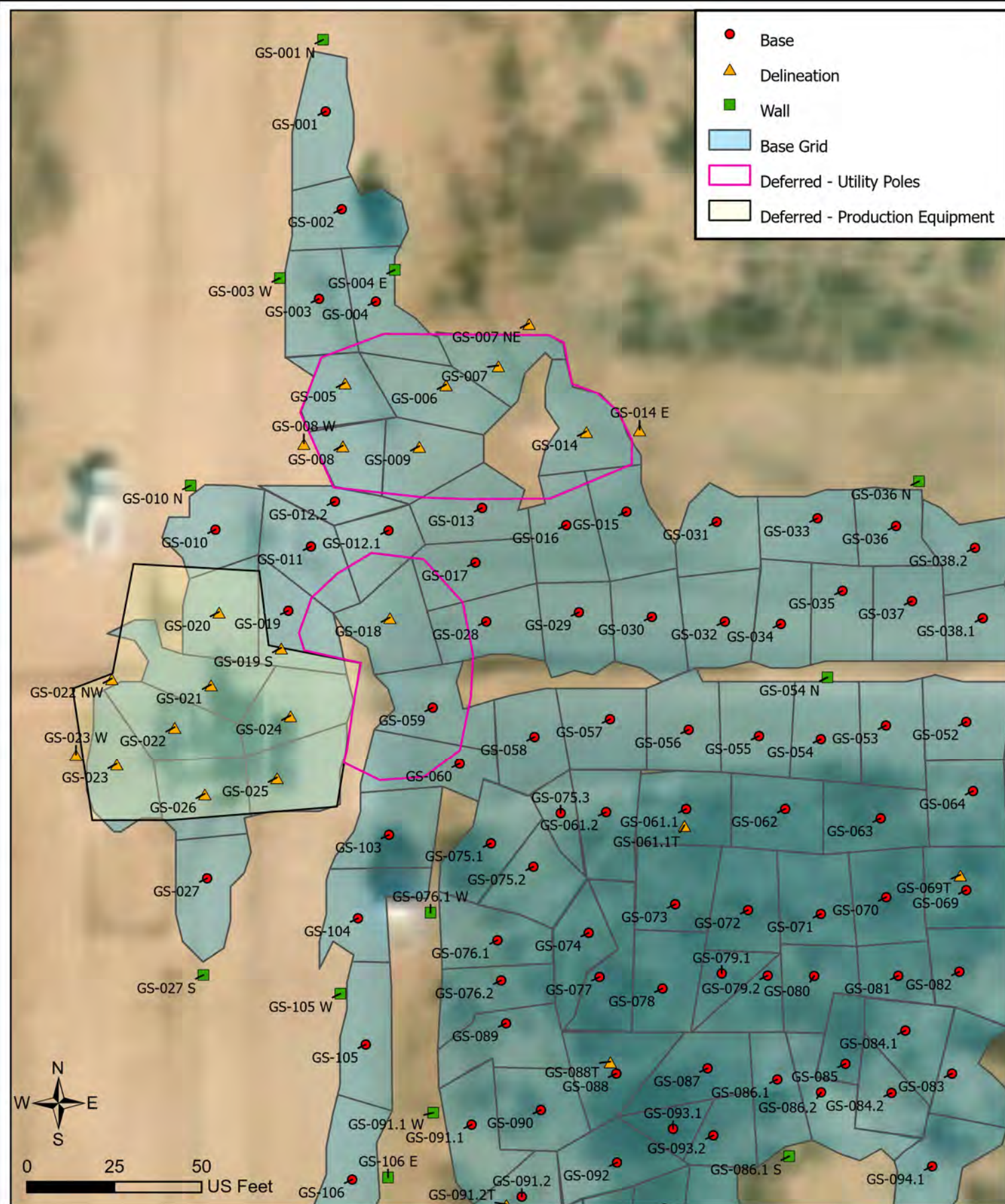
Sample Grid with Associated Square Footage
Peach Riser

Incident #: nAPP2226544614
AEP #: 20220920-2300-water

Plate 10f

3/27/2023



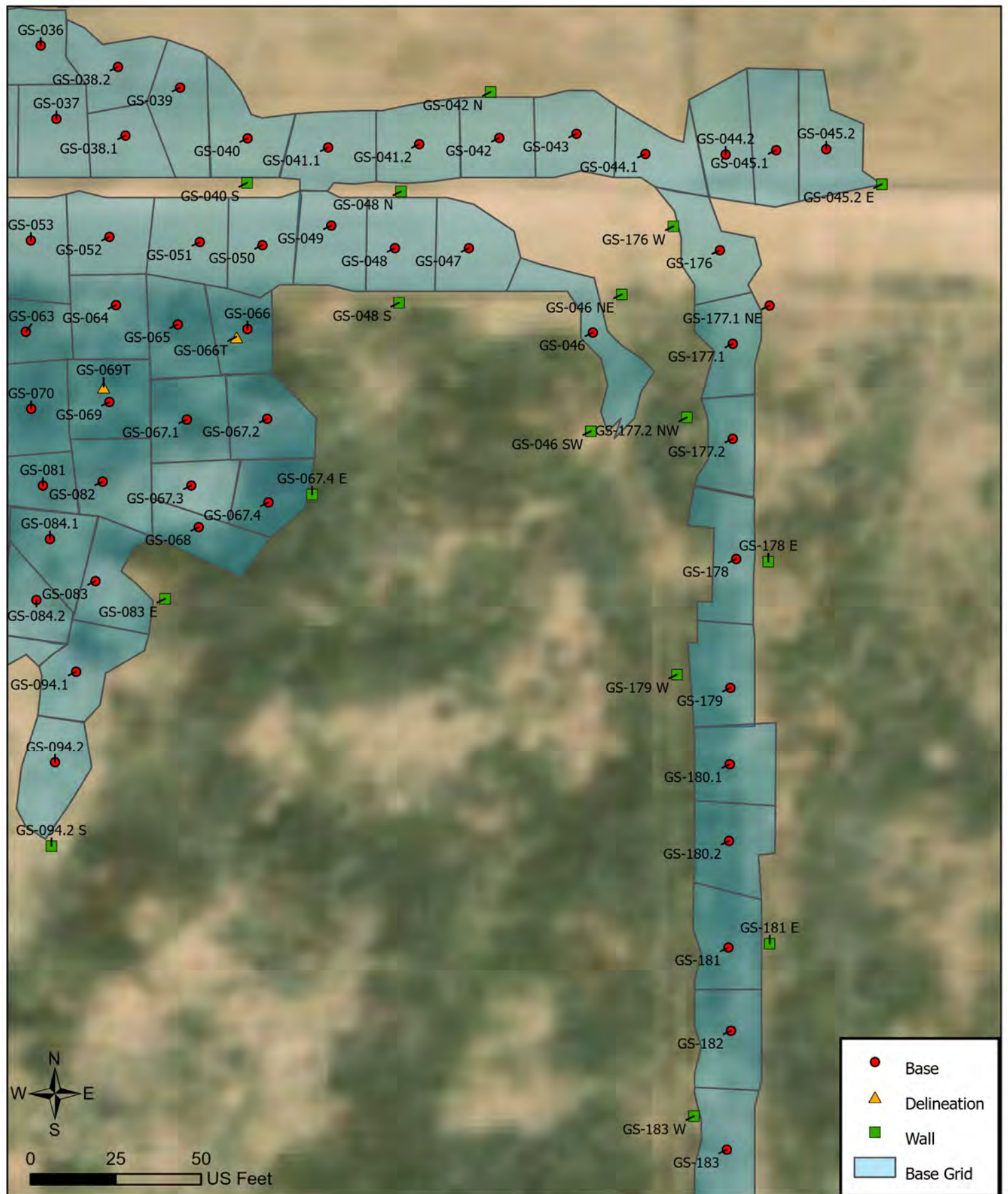


Sample Points Peach Riser

Incident #: nAPP2226544614
AEP #: 20220920-2300-water

Plate 11a

3/27/2023



Sample Points
Peach Riser

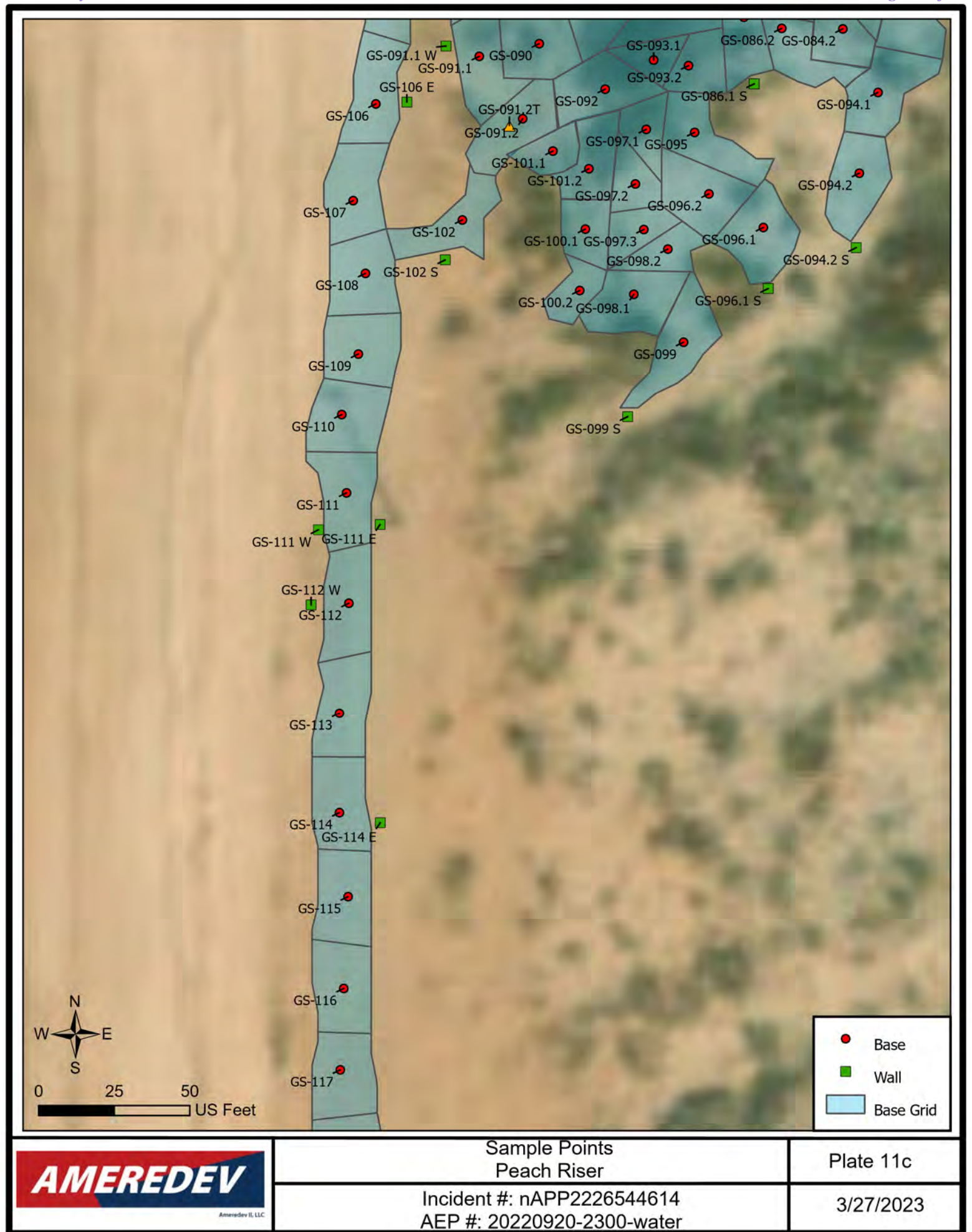
Plate 11b

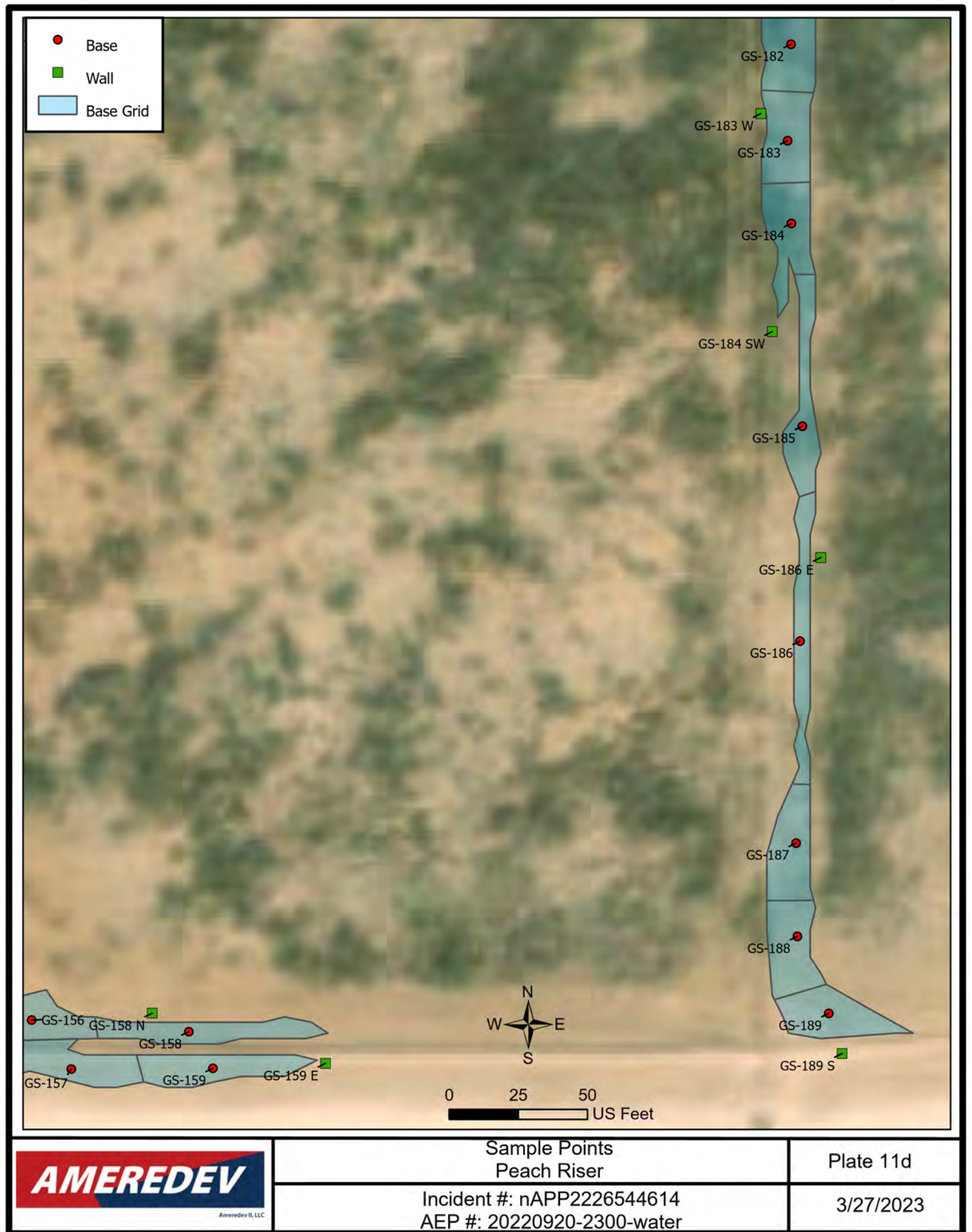
Incident #: nAPP2226544614
AEP #: 20220920-2300-water

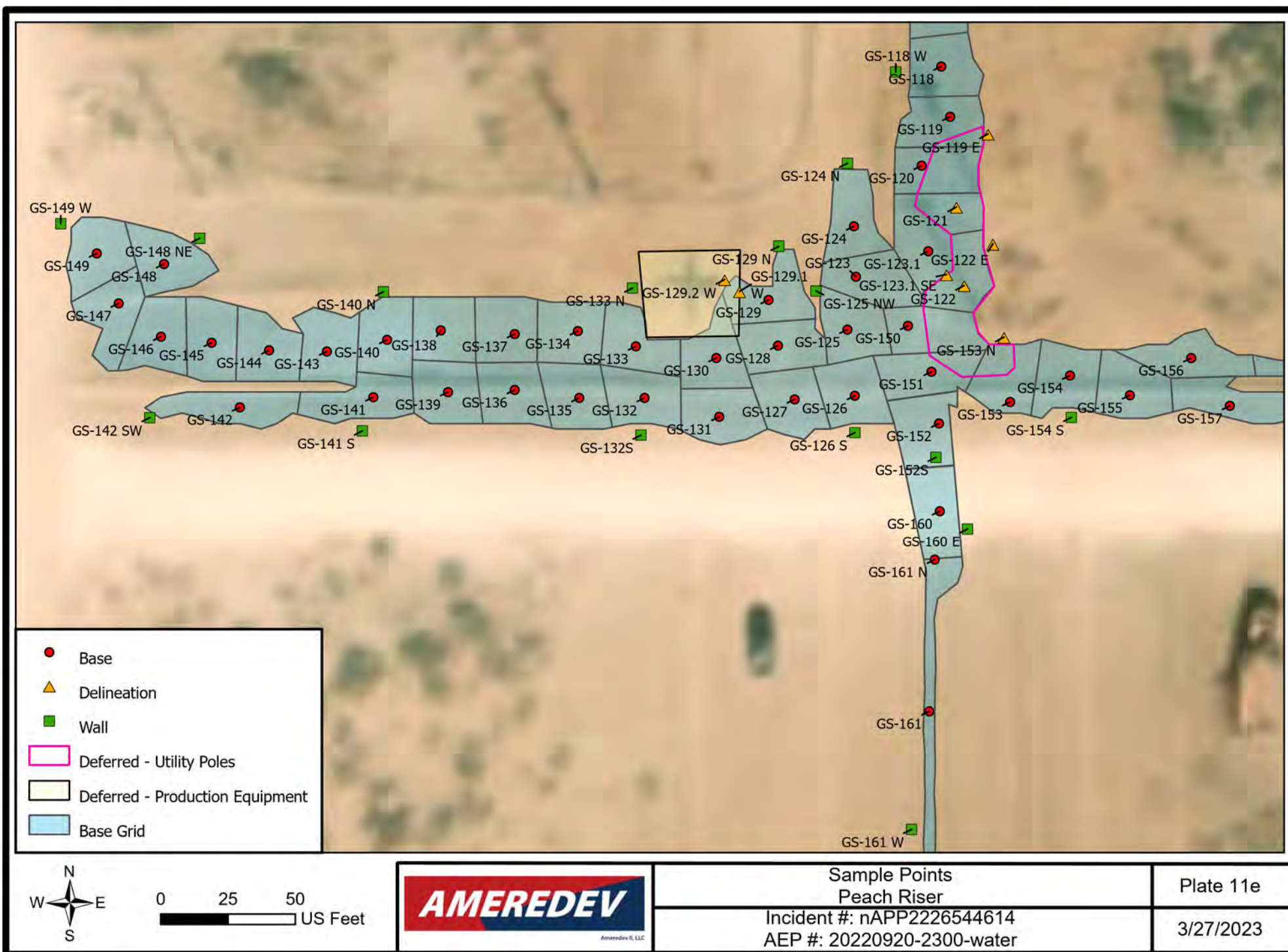
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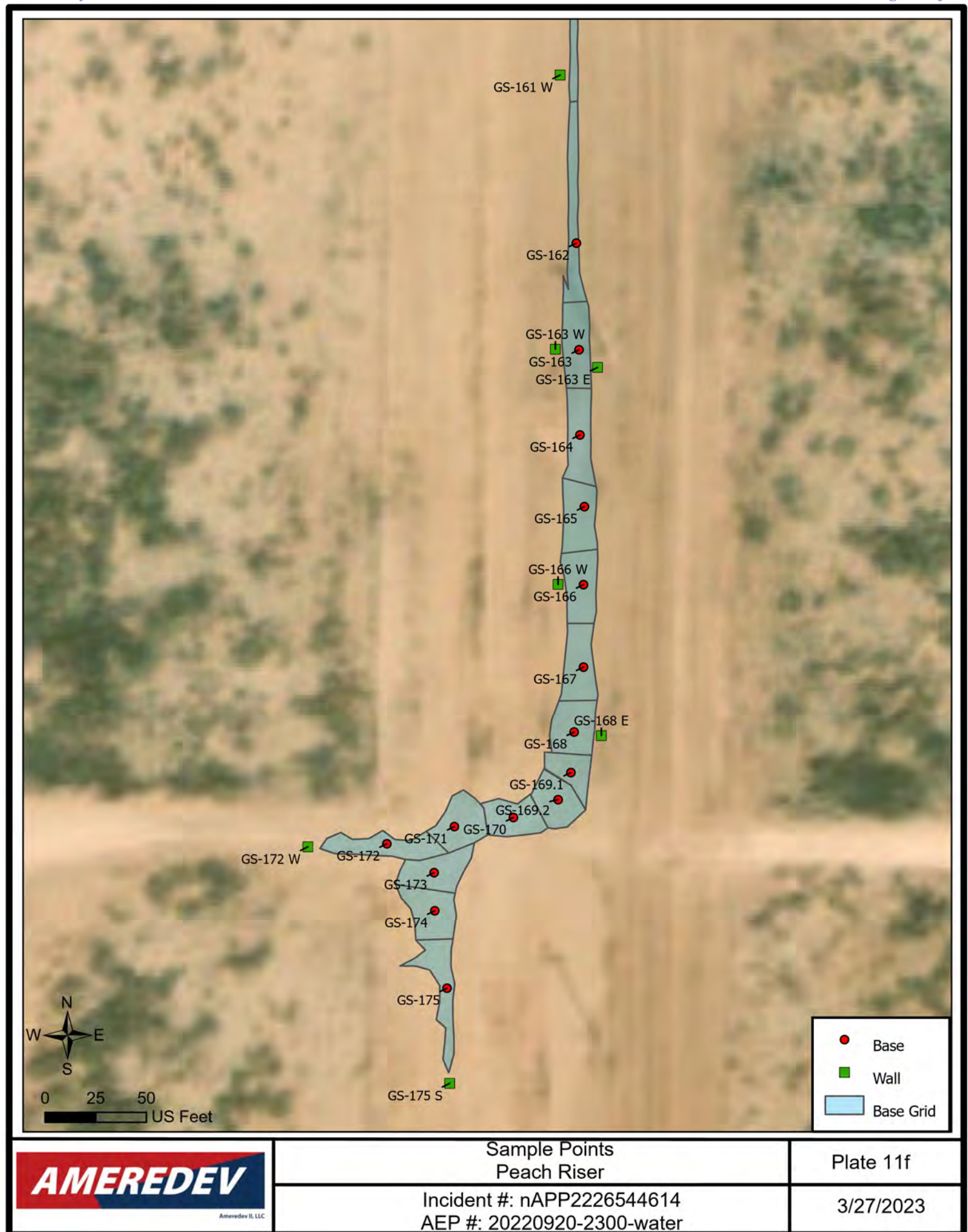
AMEREDEV

Ameredev II, LLC









Tables



Ameredev II, LLC

Sample Point	Latitude	Longitude
GS-001	32.11162280	-103.2796752
GS-001 N	32.11167038	-103.2796773
GS-002	32.11155801	-103.2796627
GS-003	32.11149855	-103.2796805
GS-003 W	32.11151230	-103.2797069
GS-004	32.11149678	-103.2796359
GS-004 E	32.11151781	-103.2796211
GS-005	32.11144297	-103.2796600
GS-006	32.11144175	-103.2795809
GS-007	32.11145434	-103.2795399
GS-007 NE	32.11148238	-103.2795158
GS-008	32.11140128	-103.2796619
GS-008 W	32.11140675	-103.2796986
GS-009	32.11140093	-103.2796019
GS-010	32.11134553	-103.2797617
GS-010 N	32.11137484	-103.2797811
GS-010 S	32.11132196	-103.2797635
GS-011	32.11133437	-103.2796868
GS-012.1	32.11134502	-103.2796260
GS-012.2	32.11136419	-103.2796680
GS-013	32.11136454	-103.2795516
GS-014	32.11141069	-103.2794709
GS-014 E	32.11141184	-103.2794292
GS-015	32.11135744	-103.2794395
GS-016	32.11134857	-103.2794866
GS-017	32.11132372	-103.2795579
GS-018	32.11128733	-103.2796250
GS-019	32.11129177	-103.2797046
GS-019 S	32.11126725	-103.2797101
GS-020	32.11129107	-103.2797589
GS-021	32.11124284	-103.2797651
GS-022	32.11121463	-103.2797936
GS-022 NW	32.11124687	-103.2798429
GS-023	32.11119002	-103.2798390
GS-023 W	32.11119634	-103.2798710
GS-024	32.11122232	-103.2797028
GS-025	32.11118148	-103.2797311
GS-026	32.11117003	-103.2797700
GS-027	32.11111389	-103.2797682
GS-027 S	32.11104711	-103.2797785
GS-028	32.11128461	-103.2795494
GS-029	32.11129076	-103.2794768
GS-030	32.11128768	-103.2794196
GS-031	32.11135074	-103.2793687
GS-032	32.11128461	-103.2793624
GS-033	32.11135305	-103.2792897
GS-034	32.11128304	-103.2793184
GS-035	32.11130500	-103.2792702
GS-036	32.11134796	-103.2792282
GS-036 N	32.11137760	-103.2792102
GS-037	32.11129818	-103.2792156
GS-038.1	32.11128683	-103.2791602
GS-038.2	32.11133348	-103.2791663
GS-039	32.11131938	-103.2791164
GS-040	32.11128497	-103.2790623

Sample Point	Latitude	Longitude
GS-040 S	32.11125473	-103.2790627
GS-041.1	32.11127877	-103.2789977
GS-041.2	32.11128102	-103.2789246
GS-042	32.11128524	-103.2788604
GS-042 N	32.11131646	-103.2788674
GS-043	32.11128807	-103.2787985
GS-044.1	32.11127435	-103.2787432
GS-044.2	32.11127403	-103.2786788
GS-045.1	32.11127695	-103.2786383
GS-045.2	32.11127759	-103.2785982
GS-045.2 E	32.11125383	-103.2785536
GS-046	32.11115314	-103.2787854
GS-046 NE	32.11117904	-103.2787621
GS-046 SW	32.11108618	-103.2787869
GS-047	32.11121040	-103.2788848
GS-048	32.11121040	-103.2789441
GS-048 N	32.11124892	-103.2789392
GS-048 S	32.11117340	-103.2789409
GS-049	32.11122575	-103.2789952
GS-050	32.11121249	-103.2790504
GS-051	32.11121458	-103.2791006
GS-052	32.11121807	-103.2791731
GS-053	32.11121568	-103.2792361
GS-054	32.11120662	-103.2792871
GS-054 N	32.11124763	-103.2792819
GS-055	32.11120871	-103.2793356
GS-056	32.11121289	-103.2793907
GS-057	32.11121986	-103.2794524
GS-058	32.11120801	-103.2795116
GS-059	32.11122752	-103.2795914
GS-060	32.11119009	-103.2795703
GS-061.1	32.11115988	-103.2793927
GS-061.1T	32.11114909	-103.2793940
GS-061.2	32.11115784	-103.2794555
GS-062	32.11115995	-103.2793150
GS-063	32.11115368	-103.2792402
GS-064	32.11117179	-103.2791678
GS-065	32.11115861	-103.2791182
GS-066	32.11115553	-103.2790624
GS-066T	32.11115042	-103.2790711
GS-067.1	32.11109407	-103.2791110
GS-067.2	32.11109461	-103.2790466
GS-067.3	32.11104930	-103.2791074
GS-067.4	32.11103786	-103.2790455
GS-067.4 E	32.11104316	-103.2790105
GS-068	32.11102101	-103.2791015
GS-069	32.11110603	-103.2791731
GS-069T	32.11111625	-103.2791778
GS-070	32.11110137	-103.2792359
GS-071	32.11109028	-103.2792871
GS-072	32.11109284	-103.2793442
GS-073	32.11109671	-103.2794013
GS-074	32.11107775	-103.2794691
GS-075.1	32.11113711	-103.2795457
GS-075.2	32.11112163	-103.2795124

Sample Point	Latitude	Longitude
GS-075.3	32.11115710	-103.2794910
GS-076.1	32.11107280	-103.2795406
GS-076.1 W	32.11109109	-103.2795931
GS-076.2	32.11104617	-103.2795377
GS-077	32.11104849	-103.2794606
GS-078	32.11104082	-103.2794113
GS-079.1	32.11105079	-103.2793648
GS-079.2	32.11104938	-103.2793288
GS-080	32.11104913	-103.2792924
GS-081	32.11104926	-103.2792264
GS-082	32.11105197	-103.2791785
GS-083	32.11098440	-103.2791843
GS-083 E	32.11097244	-103.2791284
GS-084.1	32.11101292	-103.2792209
GS-084.2	32.11097159	-103.2792317
GS-085	32.11099088	-103.2792678
GS-086.1	32.11098047	-103.2793213
GS-086.1 S	32.11092950	-103.2793120
GS-086.2	32.11097197	-103.2792870
GS-087	32.11098788	-103.2793759
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GS-091.1	32.11095055	-103.2795608
GS-091.1 W	32.11095845	-103.2795910
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GS-092	32.11092540	-103.2794469
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GS-093.2	32.11094342	-103.2793714
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GS-094.2	32.11086104	-103.2792167
GS-094.2 S	32.11080403	-103.2792196
GS-095	32.11089228	-103.2793659
GS-096.1	32.11081946	-103.2793037
GS-096.1 S	32.11077273	-103.2792992
GS-096.2	32.11084520	-103.2793529
GS-097.1	32.11089463	-103.2794097
GS-097.2	32.11085279	-103.2794195
GS-097.3	32.11081791	-103.2794119
GS-098.1	32.11076825	-103.2794210
GS-098.2	32.11080289	-103.2793901
GS-099	32.11073156	-103.2793759
GS-099 S	32.11067460	-103.2794265
GS-100.1	32.11081820	-103.2794648
GS-100.2	32.11077118	-103.2794699
GS-101.1	32.11087798	-103.2794942
GS-101.2	32.11086445	-103.2794616
GS-102	32.11082521	-103.2795762
GS-102 S	32.11078782	-103.2795977
GS-103	32.11114277	-103.2796256
GS-104	32.11108737	-103.2796499
GS-105	32.11100364	-103.2796438
GS-105 W	32.11103746	-103.2796638

Sample Point	Latitude	Longitude
GS-106	32.11091410	-103.2796545
GS-106 E	32.11091547	-103.2796264
GS-107	32.11084002	-103.2796750
GS-108	32.11078431	-103.2796639
GS-109	32.11072250	-103.2796703
GS-110	32.11067615	-103.2796853
GS-111	32.11061616	-103.2796810
GS-111 E	32.11059196	-103.2796507
GS-111 W	32.11058787	-103.2797064
GS-112	32.11053164	-103.2796789
GS-112 W	32.11053035	-103.2797131
GS-113	32.11044711	-103.2796875
GS-114	32.11037072	-103.2796875
GS-114 E	32.11036301	-103.2796505
GS-115	32.11030634	-103.2796796
GS-116	32.11023599	-103.2796835
GS-117	32.11017361	-103.2796867
GS-118	32.11011122	-103.2796804
GS-118 W	32.11010657	-103.2797267
GS-119	32.11006796	-103.2796714
GS-119 E	32.11005320	-103.2796328
GS-120	32.11002592	-103.2797004
GS-121	32.10999033	-103.2796650
GS-122	32.10992324	-103.2796571
GS-122 E	32.10995880	-103.2796280
GS-123	32.10993073	-103.2797672
GS-123.1	32.10995266	-103.2796936
GS-123.1 SE	32.10993267	-103.2796750
GS-124	32.10997376	-103.2797692
GS-124 N	32.11002795	-103.2797758
GS-125	32.10988525	-103.2797759
GS-125 NW	32.10991845	-103.2798078
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GS-127	32.10982523	-103.2798295
GS-128	32.10987145	-103.2798465
GS-129	32.10991081	-103.2798561
GS-129 N	32.10995686	-103.2798456
GS-129.1 W	32.10991806	-103.2798856
GS-129.2 W	32.10992835	-103.2799008
GS-130	32.10986083	-103.2799092
GS-131	32.10981024	-103.2799062
GS-132	32.10982648	-103.2799822
GS-132 S	32.10979448	-103.2799859
GS-133	32.10987083	-103.2799910
GS-133 N	32.10992097	-103.2799944
GS-134	32.10988395	-103.2800500
GS-135	32.10982648	-103.2800485
GS-136	32.10983335	-103.2801142
GS-137	32.10988145	-103.2801142
GS-138	32.10988457	-103.2801894
GS-139	32.10983148	-103.2801820
GS-140	32.10987645	-103.2802440
GS-140 N	32.10991777	-103.2802477
GS-141	32.10982711	-103.2802580

Sample Point	Latitude	Longitude
GS-141 S	32.10979811	-103.2802691
GS-142	32.10981836	-103.2803937
GS-142 SW	32.10980949	-103.2804853
GS-143	32.10986646	-103.2803052
GS-144	32.10986746	-103.2803640
GS-145	32.10987397	-103.2804224
GS-146	32.10987917	-103.2804739
GS-147	32.10990781	-103.2805169
GS-148	32.10994166	-103.2804708
GS-148 NE	32.10996341	-103.2804345
GS-149	32.10995078	-103.2805392
GS-149 W	32.10997600	-103.2805758
GS-150	32.10988851	-103.2797143
GS-151	32.10984902	-103.2796904
GS-152	32.10980452	-103.2796827
GS-152S	32.10977535	-103.2796859
GS-153	32.10982299	-103.2796104
GS-153 N	32.10987882	-103.2796167
GS-154	32.10984576	-103.2795494
GS-154 S	32.10980968	-103.2795481
GS-155	32.10982880	-103.2794886
GS-156	32.10986076	-103.2794262
GS-157	32.10981967	-103.2793870
GS-158	32.10985098	-103.2792707
GS-158 N	32.10986659	-103.2793069
GS-159	32.10982032	-103.2792468
GS-159 E	32.10982447	-103.2791354
GS-160	32.10972900	-103.2796819
GS-160 E	32.10971368	-103.2796537
GS-161	32.10955614	-103.2796927
GS-161 N	32.10968684	-103.2796871
GS-161 W	32.10945478	-103.2797107
GS-162	32.10926265	-103.2796887
GS-163	32.10914070	-103.2796851
GS-163 E	32.10912210	-103.2796574
GS-163 W	32.10914132	-103.2797170
GS-164	32.10904335	-103.2796839
GS-165	32.10896137	-103.2796778
GS-166	32.10887222	-103.2796790
GS-166 W	32.10887473	-103.2797204
GS-167	32.10877794	-103.2796790
GS-168	32.10870305	-103.2796917
GS-168 E	32.10869897	-103.2796550
GS-169.1	32.10865666	-103.2796961
GS-169.2	32.10862566	-103.2797133
GS-170	32.10860527	-103.2797737
GS-171	32.10859485	-103.2798535
GS-172	32.10857518	-103.2799447
GS-172 W	32.10857170	-103.2800515
GS-173	32.10854215	-103.2798808
GS-174	32.10849859	-103.2798800
GS-175	32.10841006	-103.2798634
GS-175 S	32.10830117	-103.2798599
GS-176	32.11120903	-103.2786834
GS-176 W	32.11122524	-103.2787207

Sample Point	Latitude	Longitude
GS-177.1	32.11114548	-103.2786731
GS-177.1 NE	32.11117146	-103.2786436
GS-177.2	32.11108102	-103.2786731
GS-177.2 NW	32.11109549	-103.2787100
GS-178	32.11099940	-103.2786704
GS-178 E	32.11099759	-103.2786446
GS-179	32.11091195	-103.2786750
GS-179 W	32.11092096	-103.2787179
GS-180.1	32.11085965	-103.2786756
GS-180.2	32.11080758	-103.2786762
GS-181	32.11073515	-103.2786766
GS-181 E	32.11073782	-103.2786436
GS-182	32.11067868	-103.2786745
GS-183	32.11059789	-103.2786779
GS-183 W	32.11062065	-103.2787043
GS-184	32.11052861	-103.2786741
GS-184 SW	32.11043806	-103.2786931
GS-185	32.11035881	-103.2786632
GS-186	32.11017878	-103.2786655
GS-186 E	32.11024878	-103.2786450
GS-187	32.11000903	-103.2786694
GS-188	32.10993085	-103.2786681
GS-189	32.10986634	-103.2786371
GS-189 S	32.10983267	-103.2786240
Source	32.11129963	-103.2797502

March 31, 2023

Table B
Summary of Analytical

Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Position	Location	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-001	3/6/2023	3			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-001 N	3/6/2023		0	2	Wall	Off Site	144	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-001 N	3/6/2023		2	3	Wall	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-002	3/6/2023	2			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-003	3/6/2023	2			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-003 W	3/6/2023		0	2	Wall	Off Site	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-004	3/6/2023	2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H231017
GS-004 E	3/6/2023		0	2	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-005	3/3/2023		0	2	Base	Utility Pole	96	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230988
GS-005	3/3/2023		2	4	Base	Utility Pole	80	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230988
GS-006					NS	Utility Pole	NS	NS	NS	NS	NS	Defer		
GS-007	3/2/2023		0	2	Base	Utility Pole	2120	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230976
GS-007	3/2/2023		2	4	Base	Utility Pole	1200	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230976
GS-007	3/3/2023	4.5			Base	Utility Pole	144	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230988
GS-007 NE	3/3/2023		0	0.5	Wall	Utility Pole	32	<20	<30	<0.05	<0.30	Horizontal Delineation	Cardinal	H230988
GS-008					NS	Utility Pole	NS	NS	NS	NS	NS	Defer		
GS-008 W	3/3/2023		0	0.5	Wall	Utility Pole	32	<20	<30	<0.05	<0.30	Horizontal Delineation	Cardinal	H230988
GS-009	3/3/2023		0	2	Base	Production Equip	304	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230988
GS-009	3/3/2023		2	4	Base	Production Equip	64	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230988
GS-010	11/2/2022	2.5			Base	Production Equip	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-010 N	11/2/2022		0	2.5	Wall	Production Equip	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-011	3/6/2023	2			Base	Production Equip	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-012.1	3/6/2023	2.5			Base	Production Equip	48	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H231017
GS-012.2	3/6/2023	2.5			Base	Production Equip	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H231017
GS-013	3/1/2023	4			Base	Utility Pole	48	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230968
GS-014	3/2/2023		0	2	Base	Utility Pole	800	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230976
GS-014	3/2/2023		2	4	Base	Utility Pole	48	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230976
GS-014 E	3/3/2023		0	0.5	Wall	Utility Pole	16	<20	<30	<0.05	<0.30	Horizontal Delineation	Cardinal	H230988
GS-015	11/17/2022	2			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-016	3/1/2023	4			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-017	3/1/2023	4			Base	Off Site	80	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230968
GS-018	2/28/2023		0	2	Base	Utility Pole	2480	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230932
GS-018	2/28/2023		2	4	Base	Utility Pole	5200	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230932
GS-018	2/28/2023	4.5			Base	Utility Pole	4400	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230932
GS-018	2/28/2023	5.5			Base	Utility Pole	3840	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230932
GS-019	3/3/2023	2			Base	Production Equip	16	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230988
GS-019 S					NS	Production Equip	NS	NS	NS	NS	NS	Defer		
GS-020	2/28/2023		0	1.5	Base	Production Equip	4640	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230932
GS-021	11/2/2022		0	0.5	Removed	Production Equip	NS	NS	NS	NS	NS	Removed	Cardinal	H225175
GS-021	11/2/2022		0.5	2	Base	Production Equip	3520	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H225175
GS-021	11/2/2022		2	4	Base	Production Equip	144	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H225175
GS-022					NS	Production Equip	NS	NS	NS	NS	NS	Defer		
GS-022 NW	11/2/2022		0	2	Wall	Production Equip	32	<20	<30	<0.05	<0.30	Horizontal Delineation	Cardinal	H225175
GS-023	11/2/2022		0	1	Removed	Production Equip	NS	NS	NS	NS	NS	Removed	Cardinal	H225175
GS-023	11/2/2022		1	2	Base	Production Equip	4800	<20	<30	<0.05	<0.30	Vertical Delineation/defer	Cardinal	H225175
GS-023	11/2/2022		2	4	Base	Production Equip	16	<20	<30	<0.05	<0.30	Vertical Delineation/defer	Cardinal	H225175
GS-023 W	2/27/2023		0	0.5	Wall	Production Equip	64	<20	<30	<0.05	<0.30	horizontal delineation	Cardinal	H230911
GS-024	2/28/2023		0	2	Base	Production Equip	3880	<20	<30	<0.05	<0.30	Vertical Delineation/defer	Cardinal	H230932
GS-024	2/28/2023		2	3	Base	Production Equip	736	<20	<30	<0.05	<0.30	Vertical Delineation/defer	Cardinal	H230932
GS-025	11/2/2022		0	0.5	Removed	Production Equip	NS	NS	NS	NS	NS	Removed	Cardinal	H225175
GS-025	11/2/2022		0.5	2	Hand Auger	Production Equip	4160	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H225175
GS-025	11/2/2022		2	4	Hand Auger	Production Equip	32	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H225175
GS-026	2/28/2023		0	2	Base	Production Equip	6800	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H230932
GS-026	2/28/2023		2	3	Base	Production Equip	2280	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H230932
GS-027	11/22/2022	2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225524

March 31, 2023

Table B
Summary of Analytical

Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Position	Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
													(Hall/Cardinal)	
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-027 S	11/22/2022		0	2	Wall	Off Site	208	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225524
GS-028	3/2/2023	6			Base	Utility Pole	80	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230976
GS-029	11/22/2022	4.2			Base	Off Site	448	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225524
GS-030	11/17/2022	4.2			Removed	Off Site	14800	<20	<30	<0.05	<0.30	Removed	Cardinal	H225473
GS-030	12/16/2022	10			Base	Off Site	256	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225982
GS-031	11/17/2022	2			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-032	11/17/2022	4.2			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-033	11/2/2022	2			Base	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-034	11/2/2022	3			Base	Off Site	144	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-035	11/2/2022	3			Base	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-036	11/2/2022	2			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-036 N	11/2/2022		0	2	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-037	11/2/2022	2			Base	Off Site	128	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-038.1	11/2/2022	2			Base	Off Site	144	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-038.2	11/2/2022	2			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225175
GS-039	10/21/2022	2			Base	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-040	10/21/2022	2			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-040 S	10/21/2022		0	2	Wall	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-041.1	10/21/2022	2			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-041.2	10/21/2022	2			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-042	10/21/2022	3			Base	Off Site	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-042 N	10/21/2022		0	2	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-042 N	10/21/2022		2	3	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-043	10/21/2022	3			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-044.1	10/21/2022	3			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-044.2	10/21/2022	4			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-045.1	10/21/2022	4			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-045.2	10/21/2022	2			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-045.2 E	10/21/2022		0	2	Wall	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-046	2/20/2023	2			Base	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-046 NE	2/20/2023		0	2	Wall	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-046 SW	2/20/2023		0	2	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-047	11/11/2022	4			Base	Off Site	704	<20	<30	<0.05	<0.30	Removed	Cardinal	H225365
GS-047	12/6/2022	5.2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225723
GS-048	11/11/2022	4			Base	Off Site	480	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-048 N	10/21/2022		0	2	Wall	Off Site	176	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224972
GS-048 S	11/11/2022		0	2	Wall	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-048 S	11/11/2022		2	4	Wall	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-049	11/11/2022	4			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-050	11/11/2022	4			Base	Off Site	208	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-051	11/11/2022	4			Base	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-052	11/11/2022	4			Base	Off Site	112	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-053	3/1/2023	7			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-054	3/1/2023	7			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-054 N	3/1/2023		0	2	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-054 N	3/1/2023		2	4	Wall	Off Site	112	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-054 N	3/1/2023		4	6	Wall	Off Site	256	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-055	3/1/2023	7			Base	Off Site	224	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-056	3/1/2023	7			Base	Off Site	128	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-057	3/1/2023	7			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-058	3/1/2023	3			Base	Off Site	128	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968

March 31, 2023

Table B
Summary of Analytical

Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Position	Location	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-059	2/28/2023		0	2	Base	Utility Pole	6000	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230932
GS-059	2/28/2023		2	4	Base	Utility Pole	2120	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230932
GS-059	2/28/2023	4.5			Base	Utility Pole	288	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230932
GS-060	2/28/2023	4			Base	Utility Pole	176	<20	<30	<0.05	<0.30	Confirmation/Partial Deferal	Cardinal	H230932
GS-061.1	11/11/2022	4			Base	Off Site	6560	<20	<30	<0.05	<0.30	Removed	Cardinal	H225365
GS-061.1	12/13/2022	6.5			Base	Off Site	112	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225907
GS-061.1 T	11/17/2022	6.5			Trench	Off Site	1960	<20	<30	<0.05	<0.30	Removed	Cardinal	H225473
GS-061.1 T	11/17/2022	8.5			Trench	Off Site	112	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H225473
GS-061.2	11/11/2022	4			Base	Off Site	5040	<20	<30	<0.05	<0.30	Removed	Cardinal	H225365
GS-061.2	12/13/2022	6.5			Base	Off Site	272	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225907
GS-062	11/11/2022	4			Base	Off Site	6320	<20	<30	<0.05	<0.30	Removed	Cardinal	H225365
GS-062	12/13/2022	6.5			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225907
GS-063	11/11/2022	4			Base	Off Site	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-064	11/11/2022	4			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-065	11/11/2022	4			Base	Off Site	5040	<20	<30	<0.05	<0.30	Removed	Cardinal	H225365
GS-065	12/8/2022	6.5			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225828
GS-066	11/11/2022	4			Base	Off Site	10700	<20	<30	<0.05	<0.30	Removed	Cardinal	H225365
GS-066 T	11/17/2022	6.5			Trench	Off Site	1140	<20	<30	<0.05	<0.30	Removed	Cardinal	H225473
GS-066	12/8/2022	6.5			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225828
GS-066 T	11/17/2022	7.5			Trench	Off Site	48	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H225473
GS-067.1	11/11/2022	4			Base	Off Site	272	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-067.2	11/11/2022	4			Base	Off Site	256	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-067.3	11/11/2022	4			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-067.4	11/11/2022	4			Base	Off Site	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-067.4 E	12/1/2022		0	2	Wall	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-067.4 E	12/1/2022		2	4	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-068	11/11/2022	4			Base	Off Site	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225365
GS-069	11/11/2022	4			Base	Off Site	11000	<20	<30	<0.05	<0.30	Removed	Cardinal	H225365
GS-069 T	11/17/2022	6.5			Trench	Off Site	48	<20	<30	<0.05	<0.30	Removed	Cardinal	H225473
GS-069	12/9/2022	6.5			Base	Off Site	4440	<20	<30	<0.05	<0.30	Removed	Cardinal	H225828
GS-069	12/16/2022	8.5			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225982
GS-070	11/10/2022	4			Base	Off Site	656	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-070	12/9/2022	6.5			Base	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225828
GS-071	11/10/2022	4			Base	Off Site	5040	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-071	12/9/2022	6.5			Base	Off Site	2120	<20	<30	<0.05	<0.30	Removed	Cardinal	H225828
GS-071	12/16/2022	7.5			Base	Off Site	176	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225982
GS-072	11/10/2022	6.5			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-073	11/10/2022	6.5			Base	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-074	11/10/2022	1			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-075.1	11/10/2022	1			Base	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-075.2	3/2/2023	5			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230976
GS-075.3	3/3/2023	3			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230988
GS-076.1	3/1/2023	4			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-076.1 W	3/1/2023		0	2	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-076.1 W	3/1/2023		2	4	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230968
GS-076.2	11/10/2022	1			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-077	11/10/2022	6.5			Base	Off Site	192	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-078	11/10/2022	6.5			Base	Off Site	96	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-079.1	11/10/2022	6.5			Base	Off Site	448	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-079.2	11/10/2022	4			Base	Off Site	624	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-079.2	12/14/2022	4.5			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225907
GS-080	11/10/2022	4			Base	Off Site	176	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-081	11/10/2022	4			Base	Off Site	1620	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-081	12/9/2022	6.5			Base	Off Site	80	<43.3	<56.8	<0.5	<0.3	Confirmation	Cardinal	H225828
GS-082	12/1/2022	4.2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647

March 31, 2023

Table B
Summary of Analytical

Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Position	Location	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-083	11/10/2022	2.5			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-083 E	11/11/2022		0	2	Wall	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-084.1	11/10/2022	5			Base	Off Site	320	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-084.2	11/10/2022	5			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-085	11/10/2022	5			Base	Off Site	8660	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-085	12/9/2022	6.5			Base	Off Site	80	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H225828
GS-086.1	11/10/2022	2.5			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-086.1 S	11/10/2022		0	2.5	Wall	Off Site	96	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-086.2	11/10/2022	2.5			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-087	11/10/2022	6.5			Base	Off Site	320	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-088	11/10/2022	6.5			Base	Off Site	6720	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-088	12/14/2022	7.5			Base	Off Site	192	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225907
GS-088 T	11/17/2022	8.5			Trench	Off Site	32	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H225473
GS-089	11/10/2022	2.5			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-090	11/10/2022	6.5			Base	Off Site	80	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-091.1	11/10/2022	6.5			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-091.1 W	11/10/2022		0	2	Wall	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-091.1 W	11/10/2022		2	4	Wall	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-091.1 W	11/10/2022	4.5			Wall	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-091.2	11/10/2022	6.5			Base	Off Site	5920	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-91.2	12/14/2022	7.5			Base	Off Site	112	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225907
GS-091.2 T	11/17/2022	8.5			Trench	Off Site	80	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H225473
GS-092	11/10/2022	6.5			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-093.1	11/10/2022	6.5			Base	Off Site	320	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-093.2	11/10/2022	2.5			Base	Off Site	128	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-094.1	11/10/2022	2			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-094.2	11/10/2022	2			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-094.2 S	11/10/2022		0	2	Wall	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-095	11/10/2022	2.5			Base	Off Site	2360	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-095	12/14/2022	3.5			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225907
GS-096.1	11/10/2022	2.5			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-096.1 S	11/11/2022		0	2	Wall	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-096.2	11/10/2022	2.5			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-097.1	11/10/2022	2.5			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-097.2	11/10/2022	4			Base	Off Site	80	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-097.3	11/10/2022	4			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-098.1	11/10/2022	2.5			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-098.2	11/10/2022	2.5			Base	Off Site	80	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-099	11/10/2022	2.5			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-099 S	11/10/2022		0	2.5	Wall	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-100.1	11/10/2022	4			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-100.2	11/10/2022	2.5			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-101.1	11/10/2022	6.5			Base	Off Site	640	<20	<30	<0.5	<0.3	Removed	Cardinal	H225371
GS-101.1	12/14/2022	7.5			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225907
GS-101.2	11/10/2022	4			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225371
GS-102	12/16/2022	1			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225982
GS-102 S	12/16/2022		0	1	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225982
GS-103	2/28/2023	3			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230932
GS-104	12/1/2022	3.5			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-105	12/1/2022	3.5			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-105 W	12/1/2022		0	2	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-105 W	12/1/2022		2	3.5	Wall	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-106	12/1/2022	3.5			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-106 E	12/1/2022		0	2	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-106 E	12/1/2022		2	3.5	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647

March 31, 2023

Table B
Summary of Analytical

Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Position	Location	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-107	12/1/2022	3.5			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-108	11/8/2022	3			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-109	11/8/2022	3			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-110	11/8/2022	3			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-111	11/9/2022		0	2	Base	Off Site	576	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-111	11/9/2022		2	4	Base	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-111 E	11/9/2022		0	2	Wall	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-111 W	11/9/2022		0	2	Base	Off Site	<16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-112	11/8/2022	2			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-112 W	11/8/2022		0	2	Wall	Off Site	<16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-113	11/8/2022	2			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-114	11/8/2022	2			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-114 E	11/8/2022		0	2	Wall	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-115	11/8/2022	2			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-116	11/8/2022	2			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-117	11/8/2022	2			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-118	11/8/2022	2			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-118 W	11/8/2022		0	2	Wall	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-119	11/8/2022	2			Base	Off Site	64	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-119 E	2/27/2023		0	0.5	Base	Utility Pole	32	<20	<30	<0.05	<0.30	Horizontal Delineation	Cardinal	H230911
GS-120	2/20/2023	2			Base	Utility Pole	64	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230788
GS-121	2/27/2023		0	2	Base	Utility Pole	2000	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230911
GS-121	2/27/2023		2	4	Base	Utility Pole	7120	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230911
GS-121	2/27/2023	4.5			Base	Utility Pole	1120	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230911
GS-121	2/27/2023	5.5			Base	Utility Pole	1340	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230911
GS-121	2/27/2023	6			Base	Utility Pole	512	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230911
GS-122	2/27/2023		0	2	Base	Utility Pole	2880	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230911
GS-122	2/27/2023		2	4	Base	Utility Pole	192	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230911
GS-122	2/27/2023	4.5			Base	Utility Pole	144	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230911
GS-122 E	2/27/2023		0	0.5	Base	Utility Pole	32	<20	<30	<0.05	<0.30	Horizontal Delineation	Cardinal	H230911
GS-123	2/20/2023	4			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-123.1	2/20/2023	6			Base	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-123.1 SE	2/20/2023		0	2	Wall	Production Equip	4080	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H230788
GS-123.1 SE	2/20/2023		2	4	Wall	Production Equip	1570	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H230788
GS-123.1 SE	2/20/2023		4	6	Wall	Production Equip	114	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H230788
GS-124	2/20/2023	4			Base	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-124 N	2/20/2023		0	1	Wall	Off Site	208	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-125	2/20/2023	4			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-125 NW	2/20/2023		0	2	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-125 NW	2/20/2023		2	4	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-126	2/20/2023	3			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-126 S	2/20/2023		0	2	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-126 S	2/20/2023		2	3	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-127	2/20/2023	3			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-128	2/6/2023	4			Base	Off site	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230535
GS-129	2/6/2023	4			Base	Production Equip	80	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230535
GS-129 N	2/6/2023		0	2	Wall	Off site	128	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230535
GS-129 N	2/6/2023		2	4	Wall	Off site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230535
GS-129.1 W	2/6/2023		0	2	Wall	Production Equip	1680	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230535
GS-129.1 W	2/6/2023		2	4	Wall	Production Equip	64	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230535
GS-129.2 W	2/6/2023		0	2	Base	Production Equip	64	<20	<30	<0.05	<0.30	Vertical Delineation/Defer	Cardinal	H230535
GS-130	2/6/2023	7			Base	Production Equip	192	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230535
GS-131	2/20/2023	5			Base	Off Site	272	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-132	1/23/2023	5			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-132 S	2/8/2023		0	2	Wall	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230587

March 31, 2023

Table B
Summary of Analytical

Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Position	Location	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-132 S	2/8/2023		2	4	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230587
GS-133	12/6/2022	4.2			Base	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225723
GS-133 N	12/6/2022		0	2	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation/Delineation	Cardinal	H225723
GS-133 N	12/6/2022		2	4	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation/Delineation	Cardinal	H225723
GS-134	11/21/2022	3			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-135	2/8/2023	6			Base	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230587
GS-136	1/23/2023	4			Base	Off Site	128	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-137	11/21/2022	3			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-138	11/21/2022	3			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-139	1/23/2023	4			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-140	11/21/2022	3			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-140 N	12/1/2022		0	2	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-140 N	12/1/2022		2	3	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-141	1/23/2023	4			Base	Off Site	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-141 S	1/23/2023		0	2	Wall	Off Site	128	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-141 S	1/23/2023		2	4	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-142	2/8/2023	5			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230587
GS-142 SW	2/8/2023		0	2	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230587
GS-142 SW	2/8/2023		2	4	Wall	Off site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230587
GS-142 SW	2/8/2023	4.5			Wall	Off site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230587
GS-143	11/21/2022	3			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-144	11/22/2022	3			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225524
GS-145	11/22/2022	3			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225524
GS-146	11/22/2022	3			Base	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225524
GS-147	11/22/2022	3			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225524
GS-148	1/23/2023	2			Base	Off Site	112	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-148 NE	2/6/2023		0	2	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230535
GS-149	2/3/2023	5			Base	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230491
GS-149 W	2/3/2023		0	2	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230491
GS-149 W	2/3/2023		2	4	Wall	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230491
GS-149 W	2/3/2023	4.5			Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230491
GS-150	2/20/2023	3			Base	Utility Pole	48	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230788
GS-151	2/20/2023	3			Base	Utility Pole	128	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230788
GS-152	2/2/2023	5			Base	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230482
GS-152 S	2/3/2023		0	2	Wall	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230491
GS-152 S	2/3/2023		2	4	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230491
GS-152 S	2/3/2023	4.5			Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230491
GS-153	2/20/2023	3			Base	Utility Pole	48	<20	<30	<0.05	<0.30	Confirmation/Partial Deferral	Cardinal	H230788
GS-153 N	2/27/2023		0	2	Base	Off Site	128	<20	<30	<0.05	<0.30	Horizontal Delineation	Cardinal	H230911
GS-154	11/21/2022	4.2			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-154 S	12/6/2022		0	2	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225723
GS-154 S	12/6/2022		2	3	Wall	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225723
GS-155	12/6/2022	3.2			Base	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225723
GS-156	11/21/2022	4.2			Base	Off Site	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-157	12/6/2022	2.2			Base	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225723
GS-158	11/21/2022	4.2			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-158 N	11/21/2022		0	2	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-158 N	11/21/2022		2	4	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225522
GS-159	12/6/2022	2.2			Base	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225723
GS-159 E	12/6/2022		0	2	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225723
GS-160	2/6/2023		0	2	Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230535
GS-160 E	2/6/2023		0	2	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230535
GS-161	11/8/2022	2			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225308
GS-161 N	2/6/2023		0	2	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230535
GS-161 W	11/8/2022		0	2	Wall	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308

March 31, 2023

Table B
Summary of Analytical

Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Position	Location	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-162	11/8/2022	2			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-163	11/9/2022		0	2	Base	Off Site	496	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-163	11/9/2022		2	4	Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-163 E	11/9/2022		0	2	Base	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-163 W	11/9/2022		0	2	Base	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-164	11/8/2022	3			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-165	11/8/2022	3			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-166	11/8/2022	3			Base	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-166 W	11/8/2022		0	2	Wall	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-166 W	11/8/2022		2	3	Wall	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-167	11/8/2022	3			Base	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-168	11/8/2022	3			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-168 E	11/8/2022		0	2	Wall	Off Site	32	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-168 E	11/8/2022		2	3	Wall	Off Site	16	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-169.1	11/8/2022	3			Base	Off Site	48	<20	<30	<0.5	<0.3	Confirmation	Cardinal	H225308
GS-169.2	11/7/2022	4.5			Base	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225248
GS-170	11/7/2022	2			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225248
GS-171	11/7/2022	2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225248
GS-172	11/7/2022	2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225248
GS-172 W	11/7/2022		0	2	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225248
GS-173	11/7/2022	2			Base	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225248
GS-174	11/8/2022	2			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225308
GS-175	11/8/2022	2			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225308
GS-175 S	11/8/2022		0	2	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225308
GS-176	1/23/2023	4			Base	Off Site	160	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-176 W	1/23/2023		0	2	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-176 W	1/23/2023		2	4	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-177.1	2/20/2023	5.75			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-177.1 NE	1/23/2023		0	2	Wall	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-177.1 NE	1/23/2023		2	4	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230355
GS-177.2	2/20/2023	5.75			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-177.2 NW	2/20/2023		0	2	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-177.2 NW	2/20/2023		2	4	Wall	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-177.2 NW	2/20/2023		4	5.75	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-178	2/20/2023	4			Base	Off Site	112	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-178 E	2/20/2023		0	2	Wall	Off Site	112	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-178 E	2/20/2023		2	4	Wall	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-179	2/20/2023	4			Base	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-179 W	2/20/2023		0	2	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-179 W	2/20/2023		2	4	Wall	Off Site	192	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H230788
GS-180.1	11/9/2022	3			Base	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225308
GS-180.2	11/9/2022	3			Base	Off Site	192	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225308
GS-181	11/17/2022	2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-181 E	11/17/2022		0	2	Wall	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-182	11/17/2022	6			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-183	11/17/2022	4.2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-183 W	11/17/2022		0	2	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-183 W	11/17/2022		2	4	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-184	11/17/2022	4.2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-184 SW	11/17/2022		0	2	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-184 SW	11/17/2022		2	4	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-185	11/17/2022	2			Base	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-186	11/17/2022	2			Base	Off Site	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-186 E	11/17/2022		0	1	Wall	Off Site	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-187	11/17/2022	2			Base	Off Site	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473

March 31, 2023

Table B
Summary of Analytical

Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Position	Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
													(Hall/Cardinal)	
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-188	11/17/2022	4.2			Base	Off Site	176	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225473
GS-189	11/17/2022	4.2			Base	Off Site	672	<20	<30	<0.05	<0.30	Removed	Cardinal	H225473
GS-189	12/1/2022	5.2			Base	Off Site	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-189 S	12/1/2022		0	2	Wall	Off Site	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
GS-189 S	12/1/2022		2	5	Wall	Off Site	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225647
Backfill 01	10/26/2022						16	<20	<30	<0.05	<0.30	Caliche	Cardinal	H225055
Topsoil 01	10/26/2022						<16	<20	<30	<0.05	<0.30	Topsoil	Cardinal	H225055
NS = Not Sampled														
Above Closure Criteria														

Appendix A

Communications



Ameredeve II, LLC

Andrew Parker

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Tuesday, January 3, 2023 11:19 AM
To: Andrew Parker
Cc: Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] nAPP2226544614 Significant Watercourse at 20220920-2300-water Peach Riser

Caution: External (jennifer.nobui@emnrd.nm.gov)

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Happy New Year Andrew!

This retraction has been noted.

Also, you left me a voicemail about another site and having 907 mg/kg TPH (GRO+DRO) and if its ok to leave in place since its <1000. If your DTW is >50' and you meet the other criteria (not high karst, floodplains, etc) you should be ok. If you are unsure, email me more info on the site so I can look it up (incident number, dtw, etc).

Thanks,
Jennifer Nobui

From: Andrew Parker <aparker@ameredev.com>
Sent: Tuesday, December 27, 2022 2:33 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>
Subject: RE: [EXTERNAL] nAPP2226544614 Significant Watercourse at 20220920-2300-water Peach Riser

Ms. Nobui,

Ameredev has elected to excavate base grids that exceeded closure criteria within the liner variance request area to meet the most stringent closure criteria as some of the base confirmation samples meet criteria at 6.5 feet. A few base grids required excavating to 7.5 to 10 feet below ground surface to meet the most stringent closure criteria.

Ameredev respectfully asks NMOCD to retract the variance request. Please contact me with any questions.

Thank you,

Andrew Parker
Environmental Scientist
970-570-9535



From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Tuesday, December 6, 2022 11:09 AM
To: Andrew Parker <aparker@ameredev.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Billings, Bradford, EMNRD <Bradford.Billings@emnrd.nm.gov>
Subject: RE: [EXTERNAL] nAPP2226544614 Significant Watercourse at 20220920-2300-water Peach Riser

Hello Andrew

OCD has reviewed your variance request addressing the requirements for the above-referenced release to be remediated to the most stringent closure criteria as it is located in close proximity to a significant watercourse (<300'). OCD will approve a variance that the proposed area will be excavated to a base depth of six (6') feet bgs and OCD approves the installation of a liner at six (6) feet bgs. Please let us know if you have any questions. Please include this correspondence in your closure report for documentation purposes.

Thanks,

Jennifer Nobui, PG • Environmental Specialist A
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113
505.470-3407 | Jennifer.Nobui@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>

From: Andrew Parker <aparker@ameredev.com>
Sent: Thursday, December 1, 2022 12:37 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Subject: [EXTERNAL] nAPP2226544614 Significant Watercourse at 20220920-2300-water Peach Riser

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

Ms. Nobui,

Attached is a liner variance request for portions of the release extent where confirmation sample concentrations exhibit chloride >600 mg/kg.

Please contact me with any questions.

Regards,

Andrew Parker
Environmental Scientist

970-570-9535



From: Billings, Bradford, EMNRD Bradford.Billings@emnrd.nm.gov**Sent:** Tuesday, November 8, 2022 1:24 PM**To:** Andrew Parker <aparker@ameredev.com>**Subject:** RE: [EXTERNAL] RE: nAPP2226544614 Significant Watercourse at 20220920-2300-water Peach Riser

Hi, Mike and I talked about it. We likely need to discuss with you. Can you set a Teams mtg for tomorrow mid-morning or early pm? THX

Bradford

From: Andrew Parker <aparker@ameredev.com>**Sent:** Tuesday, November 8, 2022 11:29 AM**To:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>**Cc:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Billings, Bradford, EMNRD<Bradford.Billings@emnrd.nm.gov>; Jesus Palomares <jpalomares@ameredev.com>; Laura Parker<lparker@ameredev.com>; Jacob Saenz <jsaenz@ameredev.com>**Subject:** [EXTERNAL] RE: nAPP2226544614 Significant Watercourse at 20220920-2300-water Peach Riser

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

Mr. Bratcher,

Checking whether NMOCD had a chance to review the below email?

Thanks,

Andrew Parker
Environmental Scientist
970-570-9535



From: Andrew Parker**Sent:** Monday, October 31, 2022 4:23 PM**To:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>**Cc:** Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Billings, Bradford, EMNRD<Bradford.Billings@emnrd.nm.gov>; Jesus Palomares <jpalomares@ameredev.com>; Laura Parker<lparker@ameredev.com>; Dayeed Khan <dkhan@ameredev.com>**Subject:** nAPP2226544614 Significant Watercourse at 20220920-2300-water Peach Riser

Mr. Bratcher,

Per 19.15.29 NMAC, a release within 300-feet of a significant watercourse is required to be remediated to meet the most stringent closure criteria. As shown in the below image:



Ameredev II, LLC

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

December 1, 2022

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

RE: Liner Variance Request
Incident ID: nAPP2226544614
Peach Riser
AEP #: 20220920-2300-water

NMOCD:

Ameredev Operating respectfully asks NMOCD for variance approval to the Closure Criteria listed in Table 1 of 19.15.29 NMAC and 19.15.29.12. C. (4)(a)(i) NMAC. The proposed variance is to install a 20-mil LLDPE liner at excavation bases where chloride exhibits >600 mg/kg. The liner will be installed 5-feet below ground surface.

Per 19.15.29.12. C. (4)(a)(i) NMAC, a release within 300-feet of a significant watercourse is required to be remediated to meet the most stringent closure criteria, where

- Chloride < 600 mg/kg
- TPH (GRO + DRO + MRO) < 100 mg/kg
- TPH (GRO + DRO) < 100 mg/kg
- BTEX < 50 mg/kg
- Benzene < 10 mg/kg

Exhibit 1 shows:

- A significant watercourse as mapped by the National Hydrology Dataset (NHD) and is also mapped on a USGS topographic map. The below image shows the "Blue Line" relative to the release extent.
- The release extent is represented by the yellow polygon,
- The hatched area represents the proposed liner.
- A DTW borehole drilled by Ameredev shows DTW at 82 feet.

Peach Riser Liner Variance Request

Incident ID: nAPP2226544614

AEP #: 20220920-2300-water

Field observations indicate the mapped “significant watercourse” within 300-feet of the release no longer exists due to pipeline ROW and/or road construction, showing no defined sides or banks.

To determine depth-to-water within ½-mile of the release extent, Ameredev Operating began a depth-to-water borehole program mid-September 2022. The depth to water boring nearest to the release area is mapped on Exhibit 1:

- MISC-412 (CP-1921 POD 1) is located 120-feet east of the eastern release extent. Depth to water is noted as 82.15-feet. The Well Log is presented in Appendix A. The borehole has been plugged according to OSE regulations.

The lithologic log demonstrates that caliche and fine sand dominate the upper 50-feet. The observed groundwater is likely a localized perched zone supported by the underlying claystone. Air rotary drilling techniques were required to penetrate the claystone to 101-feet (total depth). The source of the perched groundwater is likely from recharge of the overlying surface drainages.

Table v1 presents a summary of analytical. Hydrocarbons were below laboratory detection levels. The “Notes” column identifies the sample location where a liner will be installed. These locations area:

• GS-061.1	• GS-079.2
• GS-061.2	• GS-081
• GS-062	• GS-085
• GS-065	• GS-088
• GS-066	• GS-091.2
• GS-069	• GS-095
• GS-070	• GS-101.1
• GS-071	

* Sample ID correlates with base grid ID.

Sample IDs with an appending “T” denote that the sample was obtained at the same location identified by the sample ID but from a trench excavated for vertical delineation. Sample trenches were selected at locations 1) to be spatially representative of the area to be lined and 2) sample locations showing elevated chloride concentrations at current excavation depth. Sample locations currently exceeding 600 mg/kg Chloride and not within the proposed liner area will be excavated to a depth until Closure Criteria is meet. Excavation of impacted areas throughout the release area is ongoing and confirmation sampling is pending.

12/01/2022

Peach Riser Liner Variance Request

Incident ID: nAPP2226544614

AEP #: 20220920-2300-water

The proposed variance is to install a 20-mil LLDPE liner at excavation bases where chloride exhibits >600 mg/kg. The liner will be installed 5-feet below ground surface. The excavation base for the liner area will slope downgradient so that infiltrated water contacting the liner will direct water downslope from the impacted material.

- Exhibit 2 shows the proposed liner extent relative to sample locations of interest. The proposed area will be excavated to a base depth of 5-feet below ground surface. For ease of liner installation, the liner will encompass areas that meet the most stringent Closure Criteria.
 - Sample locations GS-76.1, -75.2, -76.1 have not been collected as the area is being used as a ramp for excavation access.
 - Sample locations GS-53 through -60 have not been excavated due to safety concerns to avoid movement of the poly-pipeline to the north. Once the excavated area to the east along the north pipeline has been backfilled, the west section along the pipeline will be excavated/remediated.
 - The proposed liner area will be extended north as necessary pending confirmation sample results of GS-53 through -60.
 - Figure 1 is a photograph of the proposed liner area.
- Exhibit 3 shows the spatial distribution of trench samples used for vertical delineation.



Figure 1: Photograph of proposed liner area viewing southwest from northeast corner.
GPS: 32.1113649 N, 103.2789993 W. Date: 11/29/2022

12/01/2022

Released to Imaging: 5/12/2023 3:21:57 PM

Peach Riser Liner Variance Request

Incident ID: nAPP2226544614

AEP #: 20220920-2300-water

Installing a 20-mil LLDPE¹ liner will prevent the infiltration of surface water from precipitation events coming into contact with the impacted soils, thus reducing the vertical migration of chloride impacted soil to depths that would impact groundwater. Additionally, the liner will prevent the upward migration, caused by evaporative processes, of chloride impacted soils from affecting the clean uncontaminated backfill material.

We look forward to NMOCD's response.

Sincerely,
Ameredev II, LLC



Andrew Parker
Env. Scientist

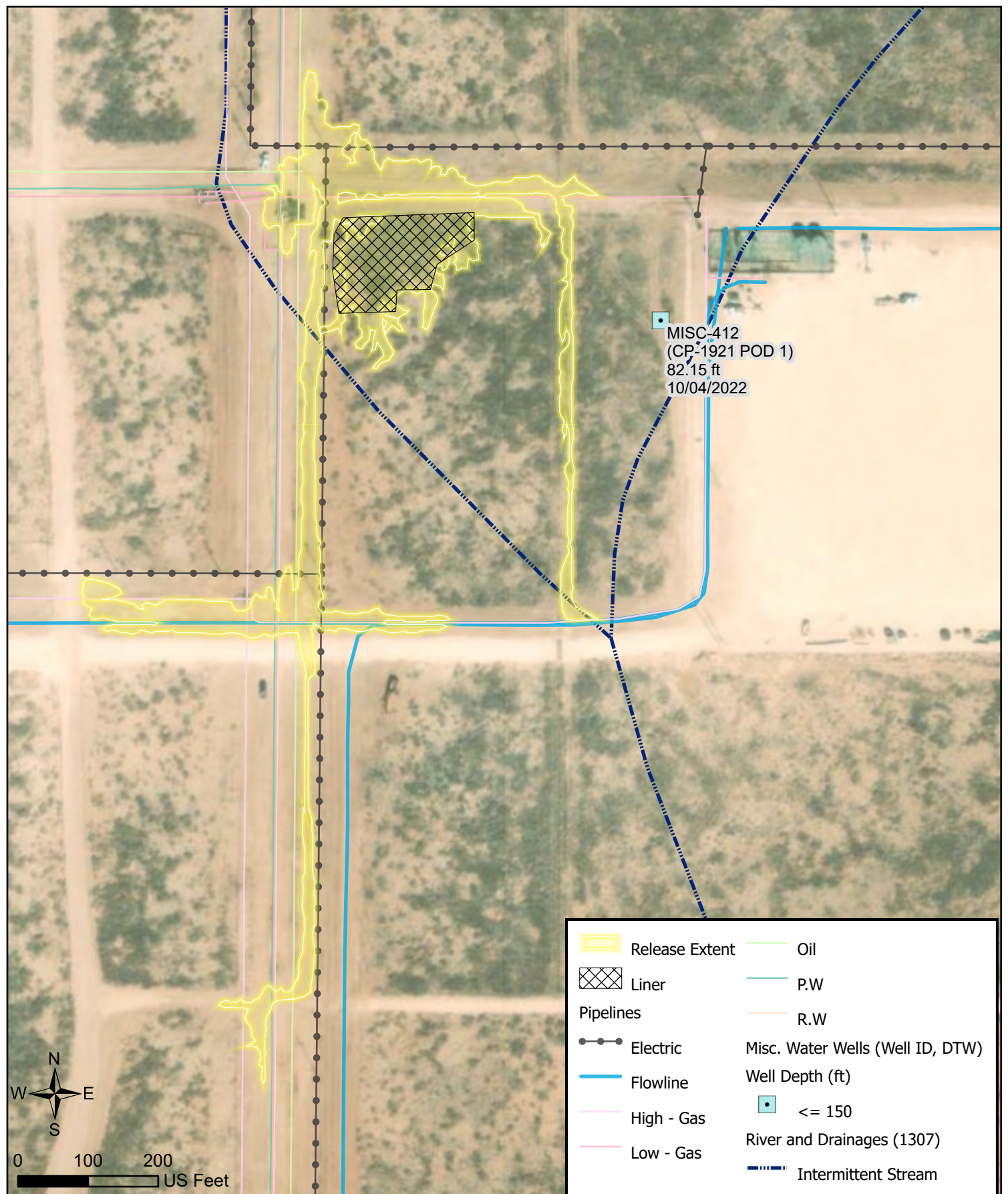
¹ See Appendix B for liner specifications

12/01/2022

Exhibits



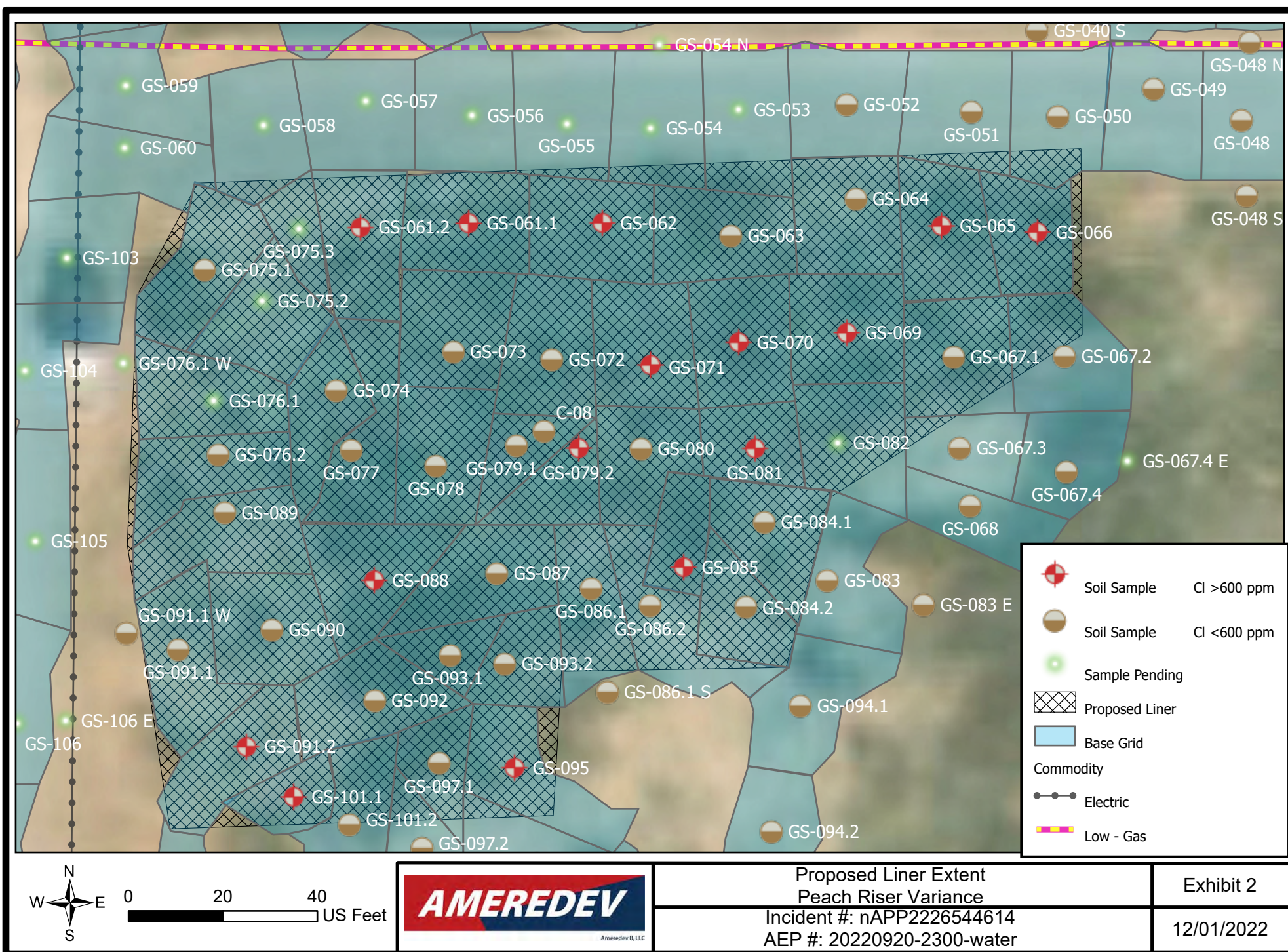
Ameredev II, LLC

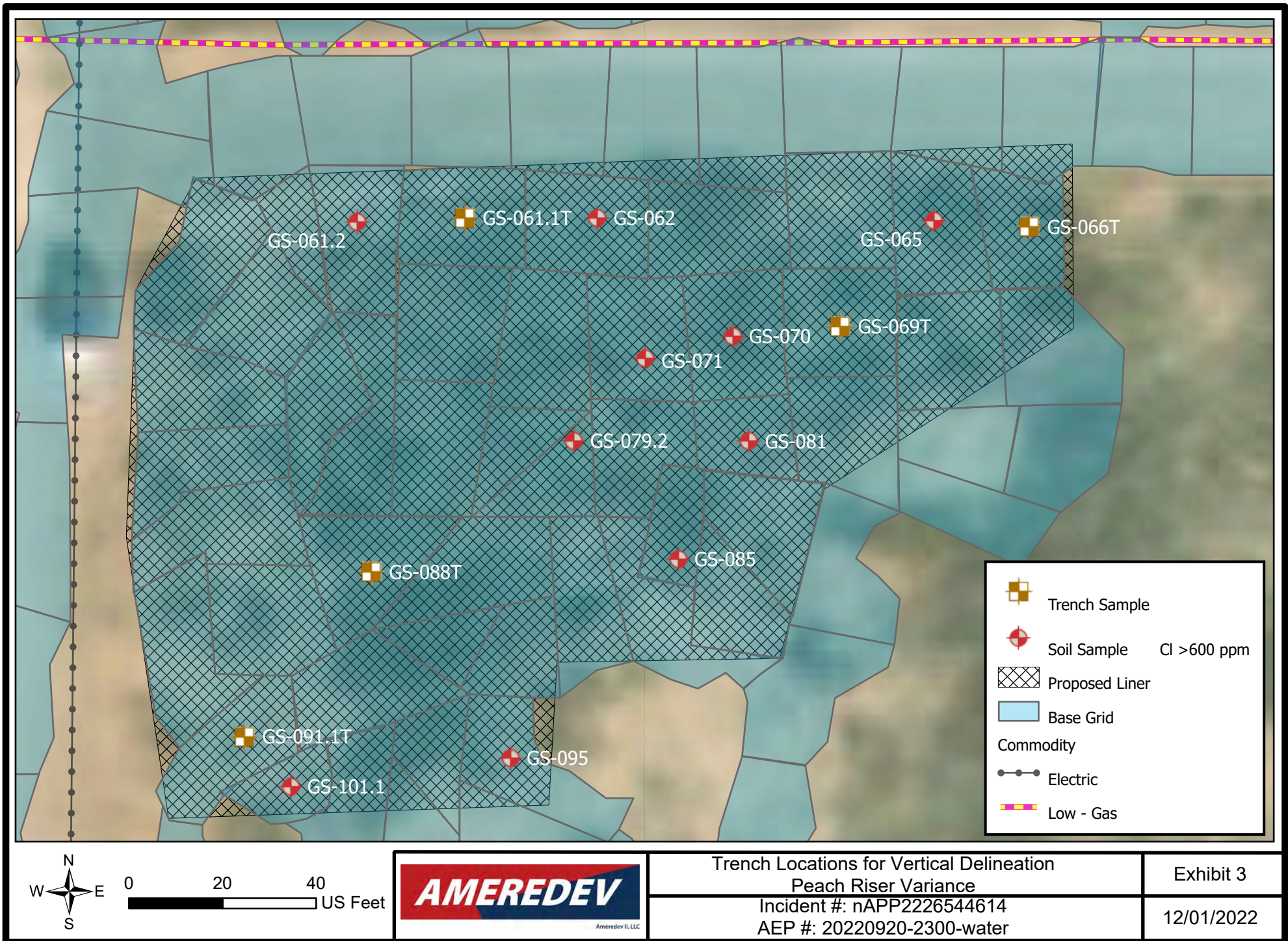


Site Map
Peach Riser Liner Variance
nAPP2226544614
AEP #: 20220920-2300-water

Exhibit 1

12/01/2022



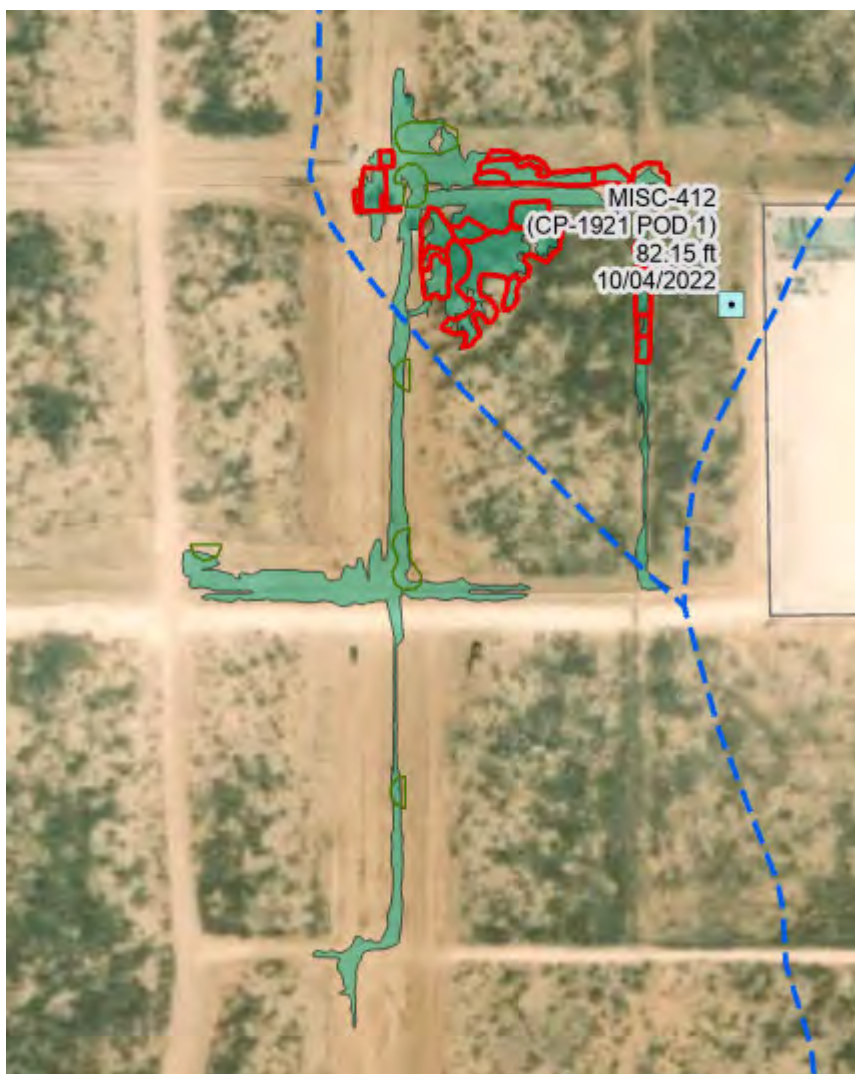


- A significant watercourse is mapped in the National Hydrology Dataset (NHD) and is also mapped on the USGS topographic map. The below image shows the “Blue Line” relative to the release extent.
- The release extent is represented by the green polygon
- The red polygons are the current excavation extent
- A DTW borehole drilled by Ameredev shows DTW at 82 feet.

Field observations indicate the mapped “significant watercourse” within 300-feet of the release no longer exists due to pipeline ROW and/or road construction, showing no defined sides or banks. Parts of the remediation excavation is to a depth of 6.5 feet with a chloride field screening of approximately 2,500 ppm.

Is NMOCD open to a variance request to allow the remediation to meet closure criteria for depth to water between 51 to 100 feet as field observations suggest that the significant watercourse no longer exists within 300 feet of the release extent? Photo documentation can be provided.

The below summary of analytical shows that hydrocarbons were not detected in the initial characterization samples. Confirmation samples received today (not included in the below table) exhibit no detection of hydrocarbons.



Sample ID	Date	Discrete Depth	Top Depth	Bottom Depth	Location	EC (field)	Chloride	GRO+D
-----------	------	----------------	-----------	--------------	----------	------------	----------	-------

		(Feet)	(Feet)	(Feet)		mS/cm	(mg/kg)	(mg/k
NMOCD Closure Criteria								
0 - 4 feet & "not in-use"							600	--
> 4 ft or "in-use"							10,000	1,000
C-01	9/23/2022		0	2	Off Pad	0.14	16	<20
C-02	9/23/2022		0	2	Off Pad	0.11	16	<20
C-03	9/23/2022		0	2	Off Pad	0.13	16	<20
C-04	9/23/2022		0	2	Off Pad	0.08	64	<20
C-05	9/23/2022		0	2	Off Pad	0.12	48	<20
C-06	9/23/2022		0	2	Off Pad	0.12	32	<20
C-07	9/23/2022		0	2	Off Pad	0.07	16	<20
C-08	9/23/2022		0	2	Off Pad	4.45	3040	<20
C-08	9/23/2022		2	3	Off Pad	0.47	256	<20
C-09	9/23/2022		0	2	Off Pad	3	3980	<20
C-09	9/23/2022		2	3	Off Pad	0.2	128	<20
C-10	9/23/2022		0	1	Off Pad	1.66	2240	<20
C-10	9/23/2022		1	2	Off Pad	0.18	128	<20
C-11	9/23/2022		0	1	Off Pad	1.01	1520	<20
C-11	9/23/2022		1	2	Off Pad	0.14	80	<20
C-12	9/23/2022		0	2	Off Pad	1.05	1560	<20
C-12	9/23/2022		2	3	Off Pad	0.08	64	<20

Thank you for your consideration.

Andrew Parker
Environmental Scientist
970-570-9535



From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Monday, October 17, 2022 9:40 AM
To: Andrew Parker <aparker@amerede.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] nAPP2226544614 48 hr sampling notice at 20220920-2300-water Peach Riser

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@emnrd.nm.gov>
Sent: Friday, October 14, 2022 3:23 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: Fw: [EXTERNAL] nAPP2226544614 48 hr sampling notice at 20220920-2300-water Peach Riser

From: Andrew Parker <aparker@ameredev.com>
Sent: Friday, October 14, 2022 3:21 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Christopher Turner <cturner@ameredev.com>; Laura Parker <lparker@ameredev.com>; Jesus Palomares <jpalomares@ameredev.com>
Subject: [EXTERNAL] nAPP2226544614 48 hr sampling notice at 20220920-2300-water Peach Riser

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 per 19.15.29 NMAC. Sampling will occur over the next few weeks as excavated areas are completed. Sampling will begin on Tuesday afternoon Oct. 18th.

Thank you.

Andrew Parker
Environmental Scientist
970-570-9535



From: Andrew Parker
Sent: Friday, September 23, 2022 11:30 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Laura Parker <lparker@ameredev.com>; Jesus Palomares <jpalomares@ameredev.com>
Subject: RE: [EXTERNAL] nAPP2226544614 FW: Remediation at Peach Riser

Ms. Nobui,

Thank you for the prompt response and approval of a sampling grid not to exceed 400 sq. ft. We will include justification in the forthcoming characterization/remediation plan. Characterization sampling is occurring today and we will rush the results for faster turn around time.

FYI: 5 of the 7 priority depth-to-water boreholes were drilled this week. The remaining two will be drilled next week. As soon as the boreholes are gauged for groundwater and the driller logs become available we will finalize pending closure reports for NMOCD review.

Thanks again.

Andrew Parker
Environmental Scientist
970-570-9535



From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Friday, September 23, 2022 11:20 AM
To: Andrew Parker <aparker@ameredev.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] nAPP2226544614 FW: Remediation at Peach Riser

Hello Andrew

OCD has reviewed your request for a 500 ft² sampling grid as opposed to a 200ft² grid for the above-referenced site. OCD has approved a 400 ft² sampling grid. Please include your basis for the proposed grid in your Remediation Plan (justification for 400ft² is equal to or better protection to humans, gw, or the environment etc). Please include a copy of this and all correspondence and notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file. Please let us know if you have any questions.

Thanks,

Jennifer Nobui, PG • Environmental Specialist A
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland Avenue N.E Suite 100 | Albuquerque, NM 87113
505.470-3407 | Jennifer.Nobui@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>

From: Andrew Parker <aparker@ameredev.com>
Sent: Thursday, September 22, 2022 1:37 PM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: [EXTERNAL] nAPP2226544614 FW: Remediation at Peach Riser

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

Mike,

The below email was in reference to Incident # nAPP2226544614

Andrew Parker
Environmental Scientist
970-570-9535

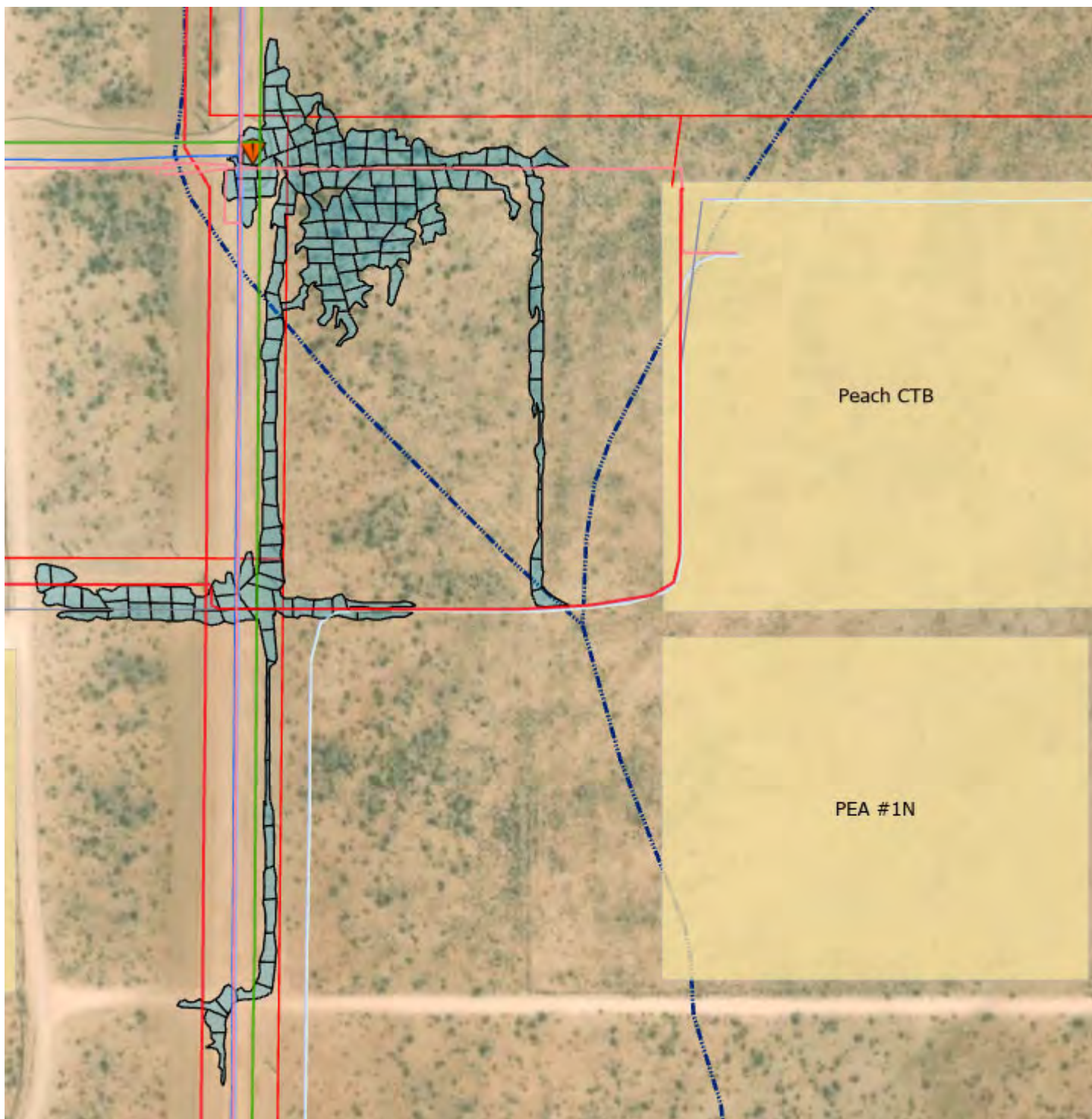


From: Andrew Parker
Sent: Thursday, September 22, 2022 2:19 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Laura Parker <lparker@ameredev.com>; Jesus Palomares <jpalomares@ameredev.com>
Subject: Remediation at Peach Riser

Mr. Bratcher,

Ameredev plans to begin remediation of the Peach Riser release within the next two weeks after we complete remediation at the Peach CTB (location plotted on below screenshot). We are performing characterization sampling for chloride and TPH tomorrow. We will be asking for an expedited variance approval for a confirmation sampling grid not to exceed 500 sq ft as shown below. The variance will be submitted along with the Characterization and Remediation Plan unless you foresee NMOCD approving a variance beforehand. As plotted, a 500 sq ft sampling grid will result in 152 sample points within the release extent that is 74,634 sq ft. The solid polylines are pipe/electrical lines within the release extent. The dashed blue lines are mapped as "intermittent streams". Therefore, we will be remediating to the most stringent closure criteria.

If you foresee any concerns please call me so we can discuss.



Thank you,

Andrew Parker
Environmental Scientist
970-570-9535



From: Andrew Parker

Sent: Wednesday, September 21, 2022 3:27 PM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: Bratcher, Mike, EMNRD <mike.bratcher@emnrd.nm.gov>; Hansley Persad <HPersad@ameredev.com>; Shane McNeely <smcneely@ameredev.com>; Dayeed Khan <dkhan@ameredev.com>; Laura Parker <lparker@ameredev.com>

Subject: 24 hour Major Release Notification Peach Riser

NMOCD,

Please accept this email as the 24 hour release notification per 19.15.29 NMAC for the follow location:

Peach Riser 20220920-2300-water

32.1113012, -103.27975

Site Type: Pasture/Right of Way/Lease Road

Date Release Discovered: 09/20/2022 23:00 hrs MST

UL P; Sec. 20 ; T25S. R36E. Lea County

Surface: Fee

Volume Released: 465 bbls

Volume Recovered: >100 bbls (exact volume pending)

A C-141 NOR will be submitted via the online portal within 10-days.

Thank you,

Andrew Parker

Environmental Scientist

970-570-9535



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~~ 10 / 12 / 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record CP-1921 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-1921 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

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

Lucas Middleton

Enclosures: as noted above

OSE OIT OCT 12 2022 PM2:04



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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-1921			
	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 6	SECONDS 38.99 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103	16	41.89 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW SW SW Sec.21 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 9/26/2022	DRILLING ENDED 9/27/2022	DEPTH OF COMPLETED WELL (FT) temporary well material		BORE HOLE DEPTH (FT) ±101	DEPTH WATER FIRST ENCOUNTERED (FT) unknown		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) 82.15	DATE STATIC MEASURED 10/4/2022	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input 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 80		±6.25"	Boring-HSA	--	--	--	--
	80 101		±3.25"	Boring-Air Rotary	--	--	--	--
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

	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					
4. HYDROGEOLOGIC LOG OF WELL	0	4	4	Caliche, with very fine grained sand, Gray Brown	Y ✓ N		
	4	50	46	Caliche, with very fine grained sand, Pinkish Tan	Y ✓ N		
	50	80	30	Sand, fine grained, poorly graded, Tan Brown	Y ✓ N		
	80	101	21	Claystone, very fine, consolidated, Very Gray	✓ 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: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):	0.00
	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 , tremie pipe lowered to total depth , placing Type I/II neat cement (5.9 gallons per 94 lb. sack) from to depth to surface, see attached plugging record. DTW-11							
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:						
				Jackie D. Atkins	10/5/2022		
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME				DATE		

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 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-1921

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: 10/4/2022 Date well plugging concluded: 10/4/2022

5) GPS Well Location: Latitude: 32 deg, 6 min, 38.99 sec
Longitude: 103 deg, 16 min, 41.89 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: 82.15 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 DT OCT 12 2022 PM 2:04

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

Released to Imaging: 5/12/2023 3:21:57 PM






5-C-1921_WellLog-packet-forsign-DTW-11

Final Audit Report

2022-10-05

Created:	2022-10-05
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAbtChCMSNJvcUGvTzJ__EKbZ5iz-mIYSE

"5-C-1921_WellLog-packet-forsign-DTW-11" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2022-10-05 - 5:52:09 PM GMT- IP address: 64.17.71.25
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Appendix C

Certificates of Analysis



Ameredeve II, LLC



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

October 31, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 10/21/22 15:53.

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.

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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 039 2FT (H224972-01)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTEX	<0.300	0.300	10/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	10/27/2022	ND	432	108	400	3.64		

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	10/28/2022	ND	219	109	200	3.14		
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND						

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.9 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 040 2FT (H224972-02)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTX	<0.300	0.300	10/29/2022	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	48.0	16.0	10/27/2022	ND	432	108	400	3.64		

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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.9 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 040S 0-2FT (H224972-03)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTX	<0.300	0.300	10/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	64.0	16.0	10/27/2022	ND	432	108	400	3.64		

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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 041.1 2FT (H224972-04)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTX	<0.300	0.300	10/29/2022	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	64.0	16.0	10/27/2022	ND	416	104	400	3.77	QR-03	

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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 041.2 2FT (H224972-05)

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	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTEX	<0.300	0.300	10/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 042 3FT (H224972-06)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTX	<0.300	0.300	10/29/2022	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	96.0	16.0	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 042N 0-2FT (H224972-07)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTX	<0.300	0.300	10/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 042N 2-3FT (H224972-08)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTEx	<0.300	0.300	10/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	16.0	16.0	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 043 3FT (H224972-09)

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	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTEx	<0.300	0.300	10/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 044.1 3FT (H224972-10)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTEX	<0.300	0.300	10/29/2022	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	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 044.2 (H224972-11)

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	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTX	<0.300	0.300	10/29/2022	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	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 045.1 (H224972-12)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTX	<0.300	0.300	10/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 045.2 (H224972-13)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTX	<0.300	0.300	10/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 045.2E (H224972-14)

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	10/29/2022	ND	1.93	96.7	2.00	2.14	
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13	
Total BTX	<0.300	0.300	10/29/2022	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	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 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:	10/21/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 048N (H224972-15)

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	10/29/2022	ND	1.93	96.7	2.00	2.14		
Toluene*	<0.050	0.050	10/29/2022	ND	2.15	108	2.00	3.10		
Ethylbenzene*	<0.050	0.050	10/29/2022	ND	2.03	101	2.00	1.72		
Total Xylenes*	<0.150	0.150	10/29/2022	ND	6.10	102	6.00	1.13		
Total BTX	<0.300	0.300	10/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	176	16.0	10/27/2022	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	10/28/2022	ND	219	109	200	3.14	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	229	114	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 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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Notes and Definitions

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.
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

Company Name: <u>Amerex LLC</u>		P.O. #: <u>20220120-2300 water</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Andrew Facker</u>		Company: <u>Amerex LLC</u>					
Address: <u>On-file</u>		Attn: <u>porter@amerex.com</u>					
City:	State:	Zip:	Address:				
Phone #:	Fax #:	Project Owner:	City:	State:	Zip:		
Project Name: <u>20220120-2300-water</u>			Phone #:				
Project Location: <u>Peach Riser</u>			Fax #:				
Sampler Name: <u>Christopher Turner</u>							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV	SAMPLING
				GROUNDWATER			
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER:			
				ACID/BASE:			
				ICE / COOL			
				OTHER:			
				DATE	TIME		
<u>H224972</u>	<u>GS-034</u>	<u>2F+</u>	<u>1</u>	<u>10.21</u>	<u>8:20</u>	<u>X</u>	<u>Chloride</u>
<u>1</u>	<u>GS-040</u>	<u>2F+</u>			<u>8:25</u>	<u>X</u>	<u>TPH (Gro + Dro + Mro)</u>
<u>2</u>	<u>GS-040S</u>	<u>0-2F+</u>			<u>8:28</u>	<u>X</u>	<u>BTEX (Benzene)</u>
<u>3</u>	<u>GS-041.1</u>	<u>2F+</u>			<u>8:34</u>		
<u>4</u>	<u>GS-041.2</u>	<u>2F+</u>			<u>8:34</u>		
<u>5</u>	<u>GS-042</u>	<u>3F+</u>			<u>8:40</u>		
<u>6</u>	<u>GS-042N</u>	<u>0-2F+</u>			<u>8:45</u>		
<u>7</u>	<u>GS-042N</u>	<u>0-3F+</u>			<u>8:44</u>		
<u>8</u>	<u>GS-043</u>	<u>3F+</u>			<u>8:53</u>		
<u>9</u>	<u>GS-044.1</u>	<u>3F+</u>			<u>8:54</u>		
<u>10</u>							

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 reasons or otherwise.

Relinquished By: AK Date: 10-21-22 Time: 1653 Received By: Christopher Turner Received Date: 10-21-22 Time: 1653

Relinquished By: AK Date: 10-21-22 Time: 1653 Received By: Christopher Turner Received Date: 10-21-22 Time: 1653

Delivered By: (Circle One) Observed Temp. °C 41.6 Sample Condition Intact CHECKED BY: (Initials) AK

Sampler - UPS - Bus - Other: Corrected Temp. °C 41.0 Cool ☒ Yes ☐ No Intact ☒ Yes ☐ No

Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) ☐ Sample Condition ☐ Cool ☐ Intact ☐ Observed Temp. °C ☐ Yes ☐ No ☐ No ☐ No Corrected Temp. °C

Thermometer ID #113 Correction Factor -0.6°C

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amerity LLC Project Manager: Andrew Parker Address: City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: 20220920-2300-water Project Location: Peach River Sampler Name: Christopher Turner FOR LAB USE ONLY		BILL TO P.O. #: 20220920-2300-water Company: Amerity LLC Attn: ngal@cardinalnm.com Address: City: State: Zip: Phone #: Fax #: Project #:		ANALYSIS REQUEST	
Lab I.D. H224972 11 12 13 14 15 GS-044.2 GS-045.1 GS-045.2 GS-045.2 GS-049N Peach River Top Soil Peach River Buckfill #1	Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	MATRIX SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	PRESERV DATE TIME 10-21 9:06 9:15 9:22 9:30 9:35 9:42 9:47	Chloride TPH (Gross + Dross + Mco) BTEX (Benzene)	CT 10.21.2022
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or 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 reasons or otherwise.					
Relinquished By: [Signature] Date: 10-21-22 Time: 1553		Received By: [Signature] Date: 10-21-22 Time: 1553		REMARKS:	
Relinquished By: [Signature] Date: 10-21-22 Time: 1553		Received By: [Signature] Date: 10-21-22 Time: 1553		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 4.4 Corrected Temp. °C 4.0		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CHECKED BY: (Initials) T. 10/21/22	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.2°C Bacteria (only) <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:			

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



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

November 02, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 10/26/22 16:26.

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.

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:	10/26/2022	Sampling Date:	10/26/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: PEACH RISER TOP SOIL 01 (H225055-01)

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	11/02/2022	ND	1.86	92.9	2.00	3.21		
Toluene*	<0.050	0.050	11/02/2022	ND	2.08	104	2.00	3.24		
Ethylbenzene*	<0.050	0.050	11/02/2022	ND	2.06	103	2.00	3.58		
Total Xylenes*	<0.150	0.150	11/02/2022	ND	6.26	104	6.00	3.40		
Total BTEX	<0.300	0.300	11/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 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	10/31/2022	ND	416	104	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	10/31/2022	ND	167	83.6	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	175	87.4	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 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:	10/26/2022	Sampling Date:	10/26/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: PEACH RISER BACKFILL 01 (H225055-02)

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	11/02/2022	ND	1.86	92.9	2.00	3.21		
Toluene*	<0.050	0.050	11/02/2022	ND	2.08	104	2.00	3.24		
Ethylbenzene*	<0.050	0.050	11/02/2022	ND	2.06	103	2.00	3.58		
Total Xylenes*	<0.150	0.150	11/02/2022	ND	6.26	104	6.00	3.40		
Total BTEx	<0.300	0.300	11/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 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	16.0	16.0	10/31/2022	ND	416	104	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	10/31/2022	ND	167	83.6	200	0.952	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	175	87.4	200	0.439	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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 cursive script, 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

BILL TO

ANALYSIS REQUEST

Company Name: Amereby LLC

Project Manager: Andrew Parker

Address: Dr. file

City: _____ State: _____ Zip: _____

Phone #: _____ Fax #: _____

Project #: _____ Project Owner: _____

Project Name: 20220420-2300- Water

Project Location: Peach River

Sampler Name: Christopher Turner

P.O. #: 20220420-2300- Water

Company: Amereby LLC

Attn: Amereby.com

Address: _____

City: _____ State: _____ Zip: _____

Phone #: _____ Fax #: _____

FOR LAB USE ONLY

Lab I.D. _____ Sample I.D. _____

Matrix: ☐ GROUNDWATER ☐ WASTEWATER ☒ SOIL ☐ OIL ☐ SLUDGE ☐ OTHER: _____

Preservation: ☒ (G)RAB OR (C)OMP. ☐ # CONTAINERS _____

Acid/Base: ☒ ICE / COOL ☐ OTHER: _____

Date: 10/26/22 Time: 3:05

Turnaround Time: _____ Standard _____

Thermometer ID #113 Correction Factor -0.8°C

Bacteria (only) Sample Condition ☒ Bacteria (only) Sample Condition ☐ Cool Intact ☐ Yes ☐ No

Corrected Temp. °C _____

Relinquished By: _____ Date: 10/26/22 Time: 16:26

Received By: _____ Date: _____ Time: _____

Remarks: _____

Verbal Result: ☐ Yes ☐ No Add'l Phone #: _____

All Results are emailed. Please provide Email address: _____



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

November 10, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/03/22 9:22.

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.

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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 010 2.5FT (H225175-01)

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	11/09/2022	ND	1.96	98.2	2.00	4.35	
Toluene*	<0.050	0.050	11/09/2022	ND	2.19	110	2.00	4.93	
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.07	104	2.00	4.31	
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.27	104	6.00	4.94	
Total BTEX	<0.300	0.300	11/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	96.0	16.0	11/04/2022	ND	416	104	400	7.41		

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	11/04/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 71.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.0 % 46.3-178

Cardinal Laboratories

*=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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 010N 0-2.5FT (H225175-02)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.9 % 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	11/04/2022	ND	416	104	400	7.41		

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	11/05/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

Cardinal Laboratories

*=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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 021 0.5-2FT (H225175-03)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	11/04/2022	ND	416	104	400	7.41		

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	11/05/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 021 2-4FT (H225175-04)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/04/2022	ND	416	104	400	7.41		

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	11/05/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.5 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 022NW 0-2FT (H225175-05)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 69.9-140

Chloride, SM4500CI-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	11/04/2022	ND	416	104	400	7.41		

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	11/05/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 023 1-2FT (H225175-06)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	11/04/2022	ND	416	104	400	7.41		

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	11/05/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 023 2-4FT (H225175-07)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/04/2022	ND	416	104	400	7.41		

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	11/07/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.6 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 025 0.5-2FT (H225175-08)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 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	4160	16.0	11/04/2022	ND	416	104	400	7.41		

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	11/07/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 025 2-4FT (H225175-09)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.0 % 69.9-140

Chloride, SM4500CI-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	11/07/2022	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	11/07/2022	ND	188	94.1	200	0.432	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	186	92.9	200	1.97	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 033 2FT (H225175-10)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	160	16.0	11/04/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.2 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 034 3FT (H225175-11)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 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	144	16.0	11/04/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 035 3FT (H225175-12)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/04/2022	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	11/04/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/04/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/04/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.3 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 036 2FT (H225175-13)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/04/2022	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	11/07/2022	ND	205	103	200	3.03	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					

Surrogate: 1-Chlorooctane 74.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.0 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 036N 0-2FT (H225175-14)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.5 % 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	48.0	16.0	11/04/2022	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	11/07/2022	ND	205	103	200	3.03	
DRO >C10-C28*	<10.0	10.0	11/07/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	11/07/2022	ND					

Surrogate: 1-Chlorooctane 75.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.7 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 037 2FT (H225175-15)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTEX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 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	128	16.0	11/04/2022	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	11/08/2022	ND	205	103	200	3.03	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 038.1 2FT (H225175-16)

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	11/09/2022	ND	1.99	99.3	2.00	5.29		
Toluene*	<0.050	0.050	11/09/2022	ND	2.08	104	2.00	4.96		
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	2.02	101	2.00	4.95		
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.12	102	6.00	4.11		
Total BTX	<0.300	0.300	11/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/04/2022	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	11/08/2022	ND	205	103	200	3.03	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.4 % 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:	11/03/2022	Sampling Date:	11/02/2022
Reported:	11/10/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 038.2 2FT (H225175-17)

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	11/09/2022	ND	1.90	95.1	2.00	3.00	
Toluene*	<0.050	0.050	11/09/2022	ND	1.97	98.6	2.00	4.30	
Ethylbenzene*	<0.050	0.050	11/09/2022	ND	1.97	98.5	2.00	2.17	
Total Xylenes*	<0.150	0.150	11/09/2022	ND	6.02	100	6.00	1.91	
Total BTX	<0.300	0.300	11/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/04/2022	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	11/08/2022	ND	205	103	200	3.03	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	228	114	200	2.20	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 63.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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

Company Name: <u>Amerder</u>		P.O. #: <u>20220920-2300-water</u>	
Project Manager: <u>Andrew Parker</u>		Company: <u>Amerder</u>	
Address: <u>On-File</u>		Attn: <u>aparker@amerder.com</u>	
City:	State:	Zip:	Address:
Phone #:	Fax #:	City:	State:
Project #:	Project Owner:	State:	Zip:
Project Name: <u>20220920-2300-water</u>		Phone #:	
Project Location: <u>Peach River</u>		Fax #:	
Sampler Name: <u>Jesus Palomares</u>			
FOR LAB USE ONLY			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS
		GROUNDWATER	WASTEWATER
		SOIL	OIL
		SLUDGE	OTHER :
		ACID/BASE:	ICE / COOL
		OTHER :	DATE
			TIME
11225785	GS-010 2.5ft	✓	11-02 9:07
1	GS-010 0-2.5ft	✓	9:13
2	GS-021 0.5-2ft	✓	9:18
3	GS-021 2-4ft	✓	9:27
4	GS-021 0-2ft	✓	9:41
5	GS-022 NW 1-2ft	✓	9:48
6	GS-023 2-4ft	✓	9:59
7	GS-023 0.5-2ft	✓	10:04
8	GS-025 2-4ft	✓	10:09
9	GS-025 2ft	✓	10:17
10	GS-033	✓	
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Relinquished By: <u>Jim Palmer</u>	Date: <u>11-3-22</u>	Received By: <u>Samira Albadier</u>	Time: <u>9:22</u>
Relinquished By:	Date:	Received By:	Time:
Delivered By: (Circle One)	Observed Temp. °C <u>0.5</u>	Sample Condition	CHECKED BY: (Initials) <u>VB</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>-1.1</u>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Turnaround Time:
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com		Thermometer ID #113	
		Correction Factor -0.6°C	
		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
		Bacteria (only) Sample Condition	
		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C	
		Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Corrected Temp. °C	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Amerder</u>		P.O. #: <u>20220920-2300-water</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Andrew Parlier</u>		Company: <u>Amerder</u>					
Address: <u>On-File</u>		Attn: <u>aparker@amerder.com</u>					
City:		Address:					
State:		City:					
Zip:		State:					
Phone #:		Fax #:					
Project #:		Project Owner:					
Project Name: <u>20220920-2300-water</u>		City:					
Project Location: <u>Peach River</u>		State:					
Sample Name: <u>Jesus Palomares</u>		Phone #:					
Fax #:							
FOR LAB USE ONLY		PRESERV		SAMPLING			
Lab I.D.		(G)RAB OR (C)OMP.					
Sample I.D.		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
		DATE					
		TIME					
<u>H225175</u>		<u>11-02</u>					
<u>11 GS-034 3ft</u>		<u>10:22</u>		<u>Chloride</u>			
<u>12 GS-035 3ft</u>		<u>10:31</u>		<u>TPH (GRO+DRO+MRO)</u>			
<u>13 GS-036 2ft</u>		<u>10:34</u>		<u>BTEX (Benzene)</u>			
<u>14 GS-036 N 0-2ft</u>		<u>10:40</u>					
<u>15 GS-037 2ft</u>		<u>10:47</u>					
<u>16 GS-038.1 2ft</u>		<u>10:53</u>					
<u>17 GS-038.2 2ft</u>		<u>11:01</u>					
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Relinquished By: <u>Jim Palmer</u>		Date: <u>11-3-22</u>					
Time: <u>0922</u>		Received By: <u>Shirley Delgado</u>					
Date: <u>11-3-22</u>		Received By: <u>Shirley Delgado</u>					
Time: <u>0922</u>		Received By: <u>Shirley Delgado</u>					
Relinquished By: <u>Jim Palmer</u>		Date: <u>11-3-22</u>					
Time: <u>0922</u>		Received By: <u>Shirley Delgado</u>					
Date: <u>11-3-22</u>		Received By: <u>Shirley Delgado</u>					
Time: <u>0922</u>		Received By: <u>Shirley Delgado</u>					
Delivered By: (Circle One)		Observed Temp. °C <u>-0.5</u>		Sample Condition		CHECKED BY: (Initials)	
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Corrected Temp. °C <u>-1.1</u>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		<u>AD</u>	
Sampler - UPS - Bus - Other:		Thermometer ID #113		Turnaround Time:		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
		Correction Factor -0.5°C		Bacteria (only) Sample Condition		Cool Intact <input checked="" type="checkbox"/> Observed Temp. °C	
				Corrected Temp. °C			

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



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

November 08, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/07/22 15:27.

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.

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:	11/07/2022	Sampling Date:	11/07/2022
Reported:	11/08/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	** (See Notes)
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 173 2FT (H225248-01)

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	11/08/2022	ND	1.93	96.7	2.00	5.68		
Toluene*	<0.050	0.050	11/08/2022	ND	1.97	98.5	2.00	5.41		
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	1.94	97.1	2.00	4.44		
Total Xylenes*	<0.150	0.150	11/08/2022	ND	5.97	99.5	6.00	4.00		
Total BTEX	<0.300	0.300	11/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	160	16.0	11/08/2022	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	11/08/2022	ND	188	94.2	200	9.84	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	188	94.0	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 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: 11/07/2022
 Reported: 11/08/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/07/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 172 W 0-2FT (H225248-02)

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	11/08/2022	ND	1.93	96.7	2.00	5.68		
Toluene*	<0.050	0.050	11/08/2022	ND	1.97	98.5	2.00	5.41		
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	1.94	97.1	2.00	4.44		
Total Xylenes*	<0.150	0.150	11/08/2022	ND	5.97	99.5	6.00	4.00		
Total BTEX	<0.300	0.300	11/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/08/2022	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	11/08/2022	ND	188	94.2	200	9.84	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	188	94.0	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 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: 11/07/2022
 Reported: 11/08/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/07/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 172 2FT (H225248-03)

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	11/08/2022	ND	1.93	96.7	2.00	5.68		
Toluene*	<0.050	0.050	11/08/2022	ND	1.97	98.5	2.00	5.41		
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	1.94	97.1	2.00	4.44		
Total Xylenes*	<0.150	0.150	11/08/2022	ND	5.97	99.5	6.00	4.00		
Total BTEx	<0.300	0.300	11/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	11/08/2022	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	11/08/2022	ND	207	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	184	92.2	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 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: 11/07/2022
 Reported: 11/08/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/07/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 171 2FT (H225248-04)

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	11/08/2022	ND	1.93	96.7	2.00	5.68	
Toluene*	<0.050	0.050	11/08/2022	ND	1.97	98.5	2.00	5.41	
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	1.94	97.1	2.00	4.44	
Total Xylenes*	<0.150	0.150	11/08/2022	ND	5.97	99.5	6.00	4.00	
Total BTX	<0.300	0.300	11/08/2022	ND					

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

Chloride, SM4500CI-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	11/08/2022	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	11/08/2022	ND	207	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	184	92.2	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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: 11/07/2022
 Reported: 11/08/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/07/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 170 2FT (H225248-05)

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	11/08/2022	ND	1.93	96.7	2.00	5.68		
Toluene*	<0.050	0.050	11/08/2022	ND	1.97	98.5	2.00	5.41		
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	1.94	97.1	2.00	4.44		
Total Xylenes*	<0.150	0.150	11/08/2022	ND	5.97	99.5	6.00	4.00		
Total BTX	<0.300	0.300	11/08/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/08/2022	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	11/08/2022	ND	207	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	184	92.2	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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: 11/07/2022
 Reported: 11/08/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/07/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 169.2 4.5FT (H225248-06)

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	11/08/2022	ND	1.90	94.9	2.00	2.91		
Toluene*	<0.050	0.050	11/08/2022	ND	2.10	105	2.00	2.75		
Ethylbenzene*	<0.050	0.050	11/08/2022	ND	1.95	97.3	2.00	3.33		
Total Xylenes*	<0.150	0.150	11/08/2022	ND	5.87	97.8	6.00	3.07		
Total BTEX	<0.300	0.300	11/08/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	<16.0	16.0	11/08/2022	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	11/08/2022	ND	207	104	200	1.61	
DRO >C10-C28*	<10.0	10.0	11/08/2022	ND	184	92.2	200	0.338	
EXT DRO >C28-C36	<10.0	10.0	11/08/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 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", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

November 14, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/09/22 15:50.

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.

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 "Coley 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 108 3FT (H225308-01)

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	11/13/2022	ND	1.68	83.9	2.00	18.9		
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9		
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8		
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9		
Total BTEX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.9 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 109 3FT (H225308-02)

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	11/13/2022	ND	1.68	83.9	2.00	18.9		
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9		
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8		
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9		
Total BTEX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	48.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 73.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.8 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 110 3FT (H225308-03)

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	11/13/2022	ND	1.68	83.9	2.00	18.9		
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9		
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8		
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9		
Total BTEX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 66.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.7 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 112 2FT (H225308-04)

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	11/13/2022	ND	1.68	83.9	2.00	18.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 77.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.2 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 112 W 0-2FT (H225308-05)

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	11/13/2022	ND	1.68	83.9	2.00	18.9		
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9		
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8		
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9		
Total BTEX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	<16.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 68.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.3 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 113 2FT (H225308-06)

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	11/13/2022	ND	1.68	83.9	2.00	18.9		
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9		
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8		
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9		
Total BTEX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.5 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 114 2FT (H225308-07)

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	11/13/2022	ND	1.68	83.9	2.00	18.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 64.6 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 114 E 0-2FT (H225308-08)

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	11/13/2022	ND	1.68	83.9	2.00	18.9		
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9		
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8		
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9		
Total BTEX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 78.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.4 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 115 2FT (H225308-09)

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	11/13/2022	ND	1.68	83.9	2.00	18.9		
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9		
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8		
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9		
Total BTEX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.3 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 116 2FT (H225308-10)

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	11/13/2022	ND	1.68	83.9	2.00	18.9		
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9		
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8		
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9		
Total BTX	<0.300	0.300	11/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.9 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 117 2FT (H225308-11)

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	11/13/2022	ND	1.68	83.9	2.00	18.9	
Toluene*	<0.050	0.050	11/13/2022	ND	1.75	87.7	2.00	17.9	
Ethylbenzene*	<0.050	0.050	11/13/2022	ND	1.77	88.3	2.00	16.8	
Total Xylenes*	<0.150	0.150	11/13/2022	ND	5.52	91.9	6.00	14.9	
Total BTEX	<0.300	0.300	11/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 118 2FT (H225308-12)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.4 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 118 W 0-2FT (H225308-13)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	16.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 118 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 119 2FT (H225308-14)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.8 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 161 2FT (H225308-15)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-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	11/10/2022	ND	416	104	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	11/10/2022	ND	197	98.5	200	0.989	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	212	106	200	0.845	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 161 W 0-2FT (H225308-16)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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Analytical Results For:

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

Received: 11/09/2022
 Reported: 11/14/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/08/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: GS - 162 2FT (H225308-17)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.1 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 164 3FT (H225308-18)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.7 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 165 3FT (H225308-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	48.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.2 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 166 3FT (H225308-20)

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	11/12/2022	ND	2.00	100	2.00	7.20	
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14	
Total BTEx	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-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	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.3 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 166 W 0-2FT (H225308-21)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	48.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.2 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 166 W 2-3FT (H225308-22)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 66.6 % 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: 11/09/2022
Reported: 11/14/2022
Project Name: PEACH RISER
Project Number: 20220920-2300-WATER
Project Location: NONE GIVEN

Sampling Date: 11/08/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: GS - 167 3FT (H225308-23)

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	11/12/2022	ND	2.00	100	2.00	7.20	
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	16.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.4 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 168 3FT (H225308-24)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.7 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 168 E 0-2FT (H225308-25)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEx	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-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	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 73.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.4 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 168 E 2-3FT (H225308-26)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 70.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 70.2 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 169.1 3FT (H225308-27)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.8 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 174 2FT (H225308-28)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEx	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.9 % 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:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 175 2FT (H225308-29)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 75.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.2 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/08/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 175 S 0-2FT (H225308-30)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.5 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 111 0-2FT (H225308-31)

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	11/12/2022	ND	2.00	100	2.00	7.20		
Toluene*	<0.050	0.050	11/12/2022	ND	2.20	110	2.00	4.72		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	2.07	104	2.00	4.68		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	6.19	103	6.00	4.14		
Total BTEx	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/10/2022	ND	416	104	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	11/10/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.1 % 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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 111 2-4FT (H225308-32)

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	11/12/2022	ND	1.67	83.5	2.00	14.4	
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/10/2022	ND	416	104	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	11/11/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					

Surrogate: 1-Chlorooctane 70.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 71.3 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 111 E 0-2FT (H225308-33)

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	11/12/2022	ND	1.67	83.5	2.00	14.4		
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7		
Total BTEx	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 69.9-140

Chloride, SM4500CI-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	11/10/2022	ND	416	104	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	11/11/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					

Surrogate: 1-Chlorooctane 67.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 67.3 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 111 W 0-2FT (H225308-34)

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	11/12/2022	ND	1.67	83.5	2.00	14.4		
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 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	11/11/2022	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	11/11/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					

Surrogate: 1-Chlorooctane 70.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.8 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 163 0-2FT (H225308-35)

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	11/12/2022	ND	1.67	83.5	2.00	14.4	
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 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	496	16.0	11/11/2022	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	11/11/2022	ND	212	106	200	0.893	
DRO >C10-C28*	<10.0	10.0	11/11/2022	ND	210	105	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	11/11/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.8 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 163 2-4FT (H225308-36)

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	11/12/2022	ND	1.67	83.5	2.00	14.4		
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 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	11/11/2022	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	11/10/2022	ND	197	98.7	200	0.466	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	192	96.1	200	0.945	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 163 E 0-2FT (H225308-37)

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	11/12/2022	ND	1.67	83.5	2.00	14.4		
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 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	11/11/2022	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	11/10/2022	ND	197	98.7	200	0.466	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	192	96.1	200	0.945	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 163 W 0-2FT (H225308-38)

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	11/12/2022	ND	1.67	83.5	2.00	14.4		
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 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	11/11/2022	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	11/10/2022	ND	197	98.7	200	0.466	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	192	96.1	200	0.945	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.2 % 46.3-178

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Analytical Results For:

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

Received:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 180.1 3FT (H225308-39)

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	11/12/2022	ND	1.67	83.5	2.00	14.4		
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 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	11/11/2022	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	11/10/2022	ND	197	98.7	200	0.466	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	192	96.1	200	0.945	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 80.2 % 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:	11/09/2022	Sampling Date:	11/09/2022
Reported:	11/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 180.2 3FT (H225308-40)

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	11/12/2022	ND	1.67	83.5	2.00	14.4		
Toluene*	<0.050	0.050	11/12/2022	ND	1.76	88.1	2.00	14.1		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.72	85.8	2.00	13.7		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.22	87.1	6.00	13.7		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 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	192	16.0	11/11/2022	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	11/10/2022	ND	197	98.7	200	0.466	
DRO >C10-C28*	<10.0	10.0	11/10/2022	ND	192	96.1	200	0.945	
EXT DRO >C28-C36	<10.0	10.0	11/10/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.3 % 46.3-178

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Notes and Definitions

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

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

Company Name: Amercel Project Manager: Andrew Parker Address: On-File City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: 20220920-2300-water Project Location: Peach Riser Sampler Name: Jesus Palomares		BILL TO P.O. #: 20220920-2300-water Company: Amercel Attn: a.parker@amercel.com Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
FOR LAB USE ONLY		LAB I.D. Sample I.D.			
1 GS-108 3H 2 GS-109 3H 3 GS-110 3H 4 GS-112 2H 5 GS-112 W 0-2H 6 GS-113 2H 7 GS-114 2H 8 GS-114 E 0-2H 9 GS-115 2H 10 GS-116 2H		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:			
11-08 11-08 11-08 11-08 11-08 11-08 11-08 11-08 11-08 11-08		DATE TIME 08:11 08:17 08:22 08:34 08:41 08:45 08:50 08:59 09:09 09:17			
Chloride TPH (GRO+DRO+MRO) BTEX (Benzene)					
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:		REMARKS:			
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amerceder		P.O. #: 20220920-2300-water	
Project Manager: Andrew Parker		Company: Amerceder	
Address: On-File		Attn: aparker@amerceder.com	
City:	State:	Zip:	
Phone #:	Fax #:	City:	Address:
Project #:	Project Owner:	State:	Zip:
Project Name: 2022 0920-2300-water	Project Location: Peach River	Phone #:	
Sampler Name: Jesus Palomares	FOR LAB USE ONLY	Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	ANALYSIS REQUEST			
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL			OTHER :	Chloride	TPH (GRO + DRO + MRO)	BTEX (Benzene)
11	GS-117	2ff	1								11-08	09:34					
12	GS-118	2ff	1								11-08	09:41					
13	GS-118W	0-2ff	1								11-08	09:52					
14	GS-119	2ff	1								11-08	10:01					
15	GS-161	2ff	1								11-08	10:17					
14	GS-161W	0-2ff	1								11-08	10:41					
17	GS-162	2ff	1								11-08	10:54					
18	GS-164	2ff	1								11-08	11:08					
19	GS-165	2ff	1								11-08	11:27					
20	GS-166	2ff	1								11-08	11:40					

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Relinquished By: Jm Palmer	Date: 11-09	Time: 1550	Received By: Juanita S. S. S.	Date: 11-09	Time: 1550
Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:
Sampler - UPS - Bus - Other:	1.4	0.8	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
			No <input type="checkbox"/> Yes <input type="checkbox"/>		Bacteria (only) Sample Condition
			No <input type="checkbox"/> Yes <input type="checkbox"/>		Cool Intact <input type="checkbox"/>
			No <input type="checkbox"/> Yes <input type="checkbox"/>		Observed Temp. °C
			No <input type="checkbox"/> Yes <input type="checkbox"/>		Corrected Temp. °C

Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:

All Results are emailed. Please provide Email address:

REMARKS:

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Amerceder</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Andrew Parker</u>		P.O. #: <u>10220920-2300-water</u>			
Address: <u>On-File</u>		Company: <u>Amerceder</u>			
City:	State:	Zip:	Attn: <u>aparker@amerceder.com</u>		
Phone #:	Fax #:		Address:		
Project #:	Project Owner:	City:			
Project Name: <u>10220920-2300-water</u>		State:	Zip:		
Project Location: <u>Peach River</u>		Phone #:			
Sample Name: <u>Jesus Palomares</u>		Fax #:			
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.
				GROUNDWATER	
				WASTEWATER	
				SOIL	
				OIL	
				SLUDGE	
				OTHER :	
				ACID/BASE:	
				ICE / COOL	
				OTHER :	
		DATE	TIME	SAMPLING	
<u>H225308</u>	<u>GS-166W</u>	<u>11-08</u>	<u>11:51</u>	<u>Chloride</u>	<u>✓</u>
<u>21</u>	<u>GS-166W</u>	<u>12:13</u>	<u>12:13</u>	<u>TPH (GRO+DRO+MRO)</u>	<u>✓</u>
<u>22</u>	<u>GS-166W</u>	<u>12:30</u>	<u>12:30</u>	<u>BTEX (Benzene)</u>	<u>✓</u>
<u>23</u>	<u>GS-167</u>	<u>12:41</u>	<u>12:41</u>		
<u>24</u>	<u>GS-168</u>	<u>12:54</u>	<u>12:54</u>		
<u>25</u>	<u>GS-168E</u>	<u>13:08</u>	<u>13:08</u>		
<u>26</u>	<u>GS-168E</u>	<u>13:21</u>	<u>13:21</u>		
<u>27</u>	<u>GS-169.1</u>	<u>13:37</u>	<u>13:37</u>		
<u>28</u>	<u>GS-174</u>	<u>13:50</u>	<u>13:50</u>		
<u>29</u>	<u>GS-175</u>	<u>13:59</u>	<u>13:59</u>		
<u>30</u>	<u>GS-175</u>	<u>0-24</u>	<u>0-24</u>		

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Relinquished By: <u>[Signature]</u>	Date: <u>11-08</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Date: <u>11-08</u>	Received By: <u>[Signature]</u>	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: <u>Standard</u> <input type="checkbox"/> Rush <input type="checkbox"/>
FORM 006 R.3.3 07/10/22			Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/>
			Cool Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/>
			Corrected Temp. °C <input type="checkbox"/>

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amerender Project Manager: Andrew Parker Address: On-File City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: 20220920-2300-water Project Location: Peach River Sampler Name: Jesus Palomares				BILL TO P.O. #: 20220920-2300-water Company: Amerender Attn: aparker@amerender.com Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
FOR LAB USE ONLY											
Lab I.D. Sample I.D.				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				MATRIX PRESERV SAMPLING			
H25308 31 GS-111 0-2ft 32 GS-111 2-4ft 33 GS-111 E 0-2ft 34 GS-111 W 0-2ft 35 GS-163 0-2ft 36 GS-163 2-4ft 37 GS-163 E 0-2ft 38 GS-163 W 0-2ft 39 GS-180.1 3ft 40 GS-180.2 3ft				11-09 9:27 9:41 9:54 10:17 10:40 10:59 11:23 11:49 12:27 12:40				Chloride TPH (GRO+ DRO+ MRO) BTEX (Benzene)			
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Relinquished By: [Signature] Date: 11-09 Time: 7:50 Received By: [Signature] Date: 11-09 Time: 7:50											
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C: 1.4 Corrected Temp. °C: 0.8				Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.5°C				CHECKED BY: (Initials) [Signature]				Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
REMARKS: Two Blanks 0.4°C											
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:											

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



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

November 16, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/11/22 15:30.

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.

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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 047 4FT (H225365-01)

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	11/16/2022	ND	2.10	105	2.00	3.49	
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36	
Total BTEX	<0.300	0.300	11/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.4 % 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	704	16.0	11/15/2022	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	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.4 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 048 4FT (H225365-02)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.2 % 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	480	16.0	11/15/2022	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	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.9 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 048S 0-2FT (H225365-03)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.3 % 69.9-140

Chloride, SM4500CI-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	11/15/2022	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	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.8 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 048S 2-4FT (H225365-04)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEx	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 69.9-140

Chloride, SM4500CI-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	11/15/2022	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	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.7 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 049 4FT (H225365-05)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.5 % 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	48.0	16.0	11/15/2022	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	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.6 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 050 4FT (H225365-06)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEx	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/15/2022	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	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.4 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 051 4FT (H225365-07)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 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	160	16.0	11/15/2022	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	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.1 % 46.3-178

Cardinal Laboratories

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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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 052 4FT (H225365-08)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 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	112	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.9 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 061.2 4FT (H225365-09)

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	11/16/2022	ND	2.10	105	2.00	3.49	
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36	
Total BTEX	<0.300	0.300	11/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	5040	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	231	116	200	3.69	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	216	108	200	3.28	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.5 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 061.1 4FT (H225365-10)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 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	6560	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 062 4FT (H225365-11)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 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	6320	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.6 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 063 4FT (H225365-12)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 064 4FT (H225365-13)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 69.9-140

Chloride, SM4500CI-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	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.8 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 065 4FT (H225365-14)

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	11/16/2022	ND	2.10	105	2.00	3.49		
Toluene*	<0.050	0.050	11/16/2022	ND	2.16	108	2.00	4.07		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	3.37		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.30	105	6.00	2.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 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	5040	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 066 4FT (H225365-15)

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	11/15/2022	ND	2.12	106	2.00	3.30	
Toluene*	<0.050	0.050	11/15/2022	ND	2.13	106	2.00	3.58	
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	2.98	
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.40	107	6.00	3.52	
Total BTX	<0.300	0.300	11/15/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10700	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.1 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 067.2 4FT (H225365-16)

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	11/15/2022	ND	2.12	106	2.00	3.30		
Toluene*	<0.050	0.050	11/15/2022	ND	2.13	106	2.00	3.58		
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	2.98		
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.40	107	6.00	3.52		
Total BTEx	<0.300	0.300	11/15/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 77.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.0 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 067.1 4FT (H225365-17)

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	11/15/2022	ND	2.12	106	2.00	3.30		
Toluene*	<0.050	0.050	11/15/2022	ND	2.13	106	2.00	3.58		
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	2.98		
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.40	107	6.00	3.52		
Total BTEx	<0.300	0.300	11/15/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 067.3 4FT (H225365-18)

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	11/15/2022	ND	2.12	106	2.00	3.30		
Toluene*	<0.050	0.050	11/15/2022	ND	2.13	106	2.00	3.58		
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	2.98		
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.40	107	6.00	3.52		
Total BTEx	<0.300	0.300	11/15/2022	ND						

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

Chloride, SM4500CI-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	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 78.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.3 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 067.4 4FT (H225365-19)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/15/2022	ND	2.12	106	2.00	3.30		
Toluene*	<0.050	0.050	11/15/2022	ND	2.13	106	2.00	3.58		
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	2.98		
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.40	107	6.00	3.52		
Total BTEX	<0.300	0.300	11/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	96.0	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.5 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 068 4FT (H225365-20)

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	11/15/2022	ND	2.12	106	2.00	3.30		
Toluene*	<0.050	0.050	11/15/2022	ND	2.13	106	2.00	3.58		
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	2.98		
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.40	107	6.00	3.52		
Total BTEx	<0.300	0.300	11/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.0 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 069 (H225365-21)

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	11/15/2022	ND	2.12	106	2.00	3.30		
Toluene*	<0.050	0.050	11/15/2022	ND	2.13	106	2.00	3.58		
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	2.98		
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.40	107	6.00	3.52		
Total BTEx	<0.300	0.300	11/15/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11000	16.0	11/15/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	204	102	200	5.04	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	193	96.6	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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

Company Name: Amerender Project Manager: Andrew Parker Address: On-File City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: 20220920-2300-water Project Location: Peach River Sampler Name: SHOB SHENZ				P.O. #: 20220920-2300-water Company: Amerender Attn: a.parker@amerender.com Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY Lab I.D.		Sample I.D.		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER		PRESERV ACID/BASE ICE / COOL OTHER	
1 65-047 2 65-048 3 65-048 S 4 65-048 S 5 65-049 6 65-050 7 65-051 8 65-052 9 65-061.2 10 65-061.2		4 FT 4 FT 0-2 FT 2-4 FT 4 FT 4 FT 4 FT 4 FT 4 FT 4 FT		(G)RAB OR (C)OMP # CONTAINERS DATE TIME		11/11/20 8:30am 8:30am 8:35am 8:45am 8:50am 9am 9:15am 9:30am 9:40am	
1 Chloride 2 TPH (GRO+DRO+MRO) 3 BTEX (Benzene)							

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Relinquished By: Date: 11-11-22 Time: 1:53p Received By: [Signature] Date: Time:	Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C: 2.0 Corrected Temp. °C: 1.4 Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked BY: (Initials) YP Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.8°C Bacteria (only) Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C:
REMARKS: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Amereder</u>		P.O. #: <u>20220920-2300-water</u>	
Project Manager: <u>Andrew Parker</u>		Company: <u>Amereder</u>	
Address: <u>On-File</u>		Attn: <u>aparker@amereder.com</u>	
City: _____ State: _____ Zip: _____		Address: _____	
Phone #: _____ Fax #: _____		City: _____	
Project #: _____ Project Owner: _____		State: _____ Zip: _____	
Project Name: <u>20220920-2300-water</u>		Phone #: _____	
Project Location: <u>Pack River</u>		Fax #: _____	
Sampler Name: <u>Sharon Sater</u>			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER			
H225365	11 65-062	4 FT	1							11/11/02	9:45m	Chloride
	12 65-063	4 FT									4:50m	TPH (GRO+DRO+MRO)
	13 65-064	4 FT									4:55m	BTEX (Benzene)
	14 65-065	4 FT									10m	
	15 65-066	4 FT									10:10m	
	16 65-067.2	4 FT									10:15m	
	17 65-067.1	4 FT									10:35m	
	18 65-067.3	4 FT									10:45m	
	19 65-067.4	4 FT									11m	
	20 65-068	4 FT										

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Relinquished By: _____	Date: <u>11-11-22</u>	Received By: _____	Date: <u>11-11-22</u>
Relinquished By: _____	Date: <u>11-11-22</u>	Received By: _____	Date: <u>11-11-22</u>

Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____	Observed Temp. °C <u>2.0</u>	Corrected Temp. °C <u>1.4</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) <u>AS</u>	Turnaround Time: _____	Standard <u>Rush</u> <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/>
--	---------------------------------	----------------------------------	---	-------------------------------------	------------------------	--	--

FORM-009 R-3-3-07/18/22

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 17, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/11/22 15:45.

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.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 070 4FT (H225371-01)

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	11/16/2022	ND	2.09	104	2.00	0.703	
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214	
Total BTEX	<0.300	0.300	11/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	656	16.0	11/15/2022	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	11/16/2022	ND	224	112	200	8.46	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	205	103	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.1 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 071 4FT (H225371-02)

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	11/16/2022	ND	2.09	104	2.00	0.703		
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	5040	16.0	11/15/2022	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	11/16/2022	ND	224	112	200	8.46	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	205	103	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 072 6.5FT (H225371-03)

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	11/16/2022	ND	2.09	104	2.00	0.703		
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	48.0	16.0	11/15/2022	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	11/16/2022	ND	224	112	200	8.46		
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	205	103	200	9.22		
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND						

Surrogate: 1-Chlorooctane 80.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.4 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 073 6.5FT (H225371-04)

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	11/16/2022	ND	2.09	104	2.00	0.703	
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214	
Total BTEX	<0.300	0.300	11/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	16.0	16.0	11/15/2022	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	11/16/2022	ND	224	112	200	8.46	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	205	103	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.3 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 074 1FT (H225371-05)

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	11/16/2022	ND	2.09	104	2.00	0.703		
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	11/15/2022	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	11/16/2022	ND	224	112	200	8.46	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	205	103	200	9.22	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.5 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 075.1 1FT (H225371-06)

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	11/16/2022	ND	2.09	104	2.00	0.703		
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214		
Total BTX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 076.2 1FT (H225371-07)

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	11/16/2022	ND	2.09	104	2.00	0.703		
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-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	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 077 6.5FT (H225371-08)

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	11/16/2022	ND	2.09	104	2.00	0.703		
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	192	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 078 6.5FT (H225371-09)

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	11/16/2022	ND	2.09	104	2.00	0.703		
Toluene*	<0.050	0.050	11/16/2022	ND	2.21	111	2.00	0.250		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	101	2.00	0.634		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.06	101	6.00	0.214		
Total BTEx	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 89.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.3 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 079.1 6.5FT (H225371-10)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	448	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0		
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3		
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND						

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.7 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 079.2 4FT (H225371-11)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	624	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 77.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.3 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 080 4FT (H225371-12)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	176	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 72.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.7 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 081 4FT (H225371-13)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	1620	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 083 2.5FT (H225371-14)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.4 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 084.1 5FT (H225371-15)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.4 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 084.2 5FT (H225371-16)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-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	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 085 5FT (H225371-17)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	8660	16.0	11/15/2022	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	11/15/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 79.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.1 % 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: 11/11/2022
 Reported: 11/17/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/10/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: GS - 086.1 2.5FT (H225371-18)

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	11/16/2022	ND	2.09	104	2.00	0.155	
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58	
Total BTEX	<0.300	0.300	11/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	11/15/2022	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	11/16/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 086.1S 0-2.5FT (H225371-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/15/2022	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	11/16/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 80.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.3 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 086.2 2.5FT (H225371-20)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 087 6.5FT (H225371-21)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEx	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 088 6.5FT (H225371-22)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6720	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.4 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 089 2.5FT (H225371-23)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 90.9 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 090 6.5FT (H225371-24)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	80.0	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.8 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 091.1 6.5FT (H225371-25)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-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	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	198	98.8	200	21.0	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 091.1W 0-2FT (H225371-26)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.4 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 091.1W 2-4FT (H225371-27)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	48.0	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.7 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 091.1W 4.5FT (H225371-28)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTEX	<0.300	0.300	11/16/2022	ND						

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

Chloride, SM4500CI-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	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 091.2 6.5FT (H225371-29)

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	11/16/2022	ND	2.09	104	2.00	0.155		
Toluene*	<0.050	0.050	11/16/2022	ND	2.26	113	2.00	1.06		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.04	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.09	102	6.00	2.58		
Total BTX	<0.300	0.300	11/16/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5920	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.2 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 092 6.5FT (H225371-30)

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	11/16/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.6 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 093.1 6.5FT (H225371-31)

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	11/16/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/16/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 093.2 2.5FT (H225371-32)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	128	16.0	11/16/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.3 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 094.1 2FT (H225371-33)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500CI-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	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 094.2 2FT (H225371-34)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.7 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 094.2S 0-2FT (H225371-35)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500CI-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	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 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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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 095 2.5FT (H225371-36)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 096.1 2.5FT (H225371-37)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	48.0	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.4 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 096.2 2.5FT (H225371-38)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-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	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 097.1 2.5FT (H225371-39)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/16/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.0 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 097.2 4FT (H225371-40)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	80.0	16.0	11/16/2022	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	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 76.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.7 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 097.3 4FT (H225371-41)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	11/16/2022	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	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.5 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 098.1 2.5FT (H225371-42)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	48.0	16.0	11/16/2022	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	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 098.2 2.5FT (H225371-43)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/16/2022	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	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.0 % 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:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 099 2.5FT (H225371-44)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	48.0	16.0	11/16/2022	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	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.7 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 099S 0-2.5FT (H225371-45)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 69.9-140

Chloride, SM4500CI-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	11/16/2022	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	11/16/2022	ND	200	100	200	7.80	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	182	90.9	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.0 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 100.1 4FT (H225371-46)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEX	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-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	11/16/2022	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	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.6 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 100.2 2.5FT (H225371-47)

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	11/17/2022	ND	1.96	98.1	2.00	1.66	
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36	
Total BTX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-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	11/16/2022	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	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.2 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 101.1 6.5FT (H225371-48)

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	11/17/2022	ND	1.96	98.1	2.00	1.66		
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337		
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415		
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36		
Total BTEx	<0.300	0.300	11/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	11/16/2022	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	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.4 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 101.2 4FT (H225371-49)

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	11/17/2022	ND	1.96	98.1	2.00	1.66	
Toluene*	<0.050	0.050	11/17/2022	ND	2.07	104	2.00	0.337	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.03	102	2.00	0.415	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.18	103	6.00	1.36	
Total BTEX	<0.300	0.300	11/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	48.0	16.0	11/16/2022	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	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.9 % 46.3-178

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Analytical Results For:

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

Received:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 096.1S 0-2FT (H225371-50)

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	11/15/2022	ND	2.14	107	2.00	1.88		
Toluene*	<0.050	0.050	11/15/2022	ND	2.21	111	2.00	1.87		
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	1.48		
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.32	105	6.00	0.422		
Total BTEx	<0.300	0.300	11/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

Chloride, SM4500CI-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	11/16/2022	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	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 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:	11/11/2022	Sampling Date:	11/11/2022
Reported:	11/17/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 083E 0-2FT (H225371-51)

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	11/15/2022	ND	2.14	107	2.00	1.88		
Toluene*	<0.050	0.050	11/15/2022	ND	2.21	111	2.00	1.87		
Ethylbenzene*	<0.050	0.050	11/15/2022	ND	2.10	105	2.00	1.48		
Total Xylenes*	<0.150	0.150	11/15/2022	ND	6.32	105	6.00	0.422		
Total BTEX	<0.300	0.300	11/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 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	48.0	16.0	11/16/2022	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	11/16/2022	ND	206	103	200	2.73	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	185	92.3	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 46.3-178

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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

Cardinal Laboratories

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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

Company Name: Amerceder Project Manager: Andrew Parker Address: On-File City: State: Zip: Phone #: Fax #: Project #: Project Name: 20220920-2300-water Project Location: Peach Riser Sampler Name: Jesus Palomares		P.O. #: 20220920-2300-water Company: Amerceder Attn: a.parker@amerceder.com Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D. Sample I.D.		MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER	
1 55-070 4ft 2 55-071 4ft 3 55-072 6.5ft 4 55-073 6.5ft 5 55-074 1ft 6 55-075.1 1ft 7 55-076.2 1ft 8 55-077 6.5ft 9 55-078 6.5ft 10 55-079.1 6.5ft		DATE TIME 11-10 08:17 08:24 08:31 08:37 08:41 08:57 09:08 09:17 09:32 09:51	
Relinquished By: [Signature] Relinquished Date: 11-11-22 Relinquished Time: 1545		Received By: [Signature] Received Date: 11-11-22 Received Time: 1545	
REMARKS: Temp Blands 1.4°C		Chloride TPH (GRO+DRO+MRO) BTEX (Benzene)	



ANALYSIS REQUEST

FOR LAB USE ONLY		Sample I.D.		Sample I.D.		Matrix		Preservation		Sampling		Analysis	
Lab I.D.	Sample I.D.	Sample I.D.	Sample I.D.	Matrix	Preservation	Sampling	Analysis	Matrix	Preservation	Sampling	Analysis	Matrix	Preservation
H225371	11	GS-079.2	4ft+	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	ICE / COOL	DATE	TIME	Chloride	
	12	GS-080	4ft+							11-10	10:07	TPH (G)	
	13	GS-081	4ft+								10:31	BTEX (K)	
	14	GS-083	2.5ft+								10:43		
	15	GS-084.1	5ft+								10:54		
	16	GS-084.2	5ft+								11:01		
	17	GS-085	5ft+								11:06		
	18	GS-086.1	2.5ft+								11:14		
	19	GS-086.15	0-2.5ft+								11:30		
	20	GS-086.2	2.5ft+								11:39		
											11:47		

Corrected temp. =

Page 55 of 59



ANALYSIS REQUEST

Page 56 of 59



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amereder Project Manager: Andrew Parker Address: On-File City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: 20220920-2300-water Project Location: Peach Riser Sampler Name: Jesus Palomares							BILL TO							P.O. #: 20220920-2300-water Company: Amereder Attn: aparker@amereder.com Address: City: State: Zip: Phone #: Fax #:						
FOR LAB USE ONLY																				
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING								
H225371																				
31 GS-093.1		6.5ft		✓		GROUNDWATER		✓		DATE		TIME								
32 GS-093.2		2.5ft		✓		WASTEWATER		✓		11-10		13:09								
33 GS-094.1		2ft		✓		SOIL		✓				13:17								
34 GS-094.2		2ft		✓		OIL		✓				13:28								
35 GS-094.2		2ft		✓		SLUDGE		✓				13:32								
36 GS-095		2.5ft		✓		OTHER		✓				13:41								
37 GS-096.1		2.5ft		✓		ACID/BASE		✓				13:48								
38 GS-096.2		2.5ft		✓		ICE / COOL		✓				13:54								
39 GS-097.1		2.5ft		✓		OTHER		✓				14:01								
40 GS-097.2		4ft		✓				✓				14:07								
												14:12								

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Relinquished By: [Signature]		Date: 11-11-22		Received By: [Signature]		Time: 1:54 PM	
Reinquinshed By: [Signature]		Date:		Received By:		Time:	

Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other:		Observed Temp. °C 27		Corrected Temp. °C 21		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) [Signature]	
Turnaround Time:		Standard Rush <input checked="" type="checkbox"/>		Thermometer ID #113		Correction Factor -0.6°C		Bacteria (only) Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
REMARKS:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		All Results are emailed. Please provide Email address:		Corrected Temp. °C	

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



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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	Chlor	TPH	BTEX
411	GS-097.3	4ft	1										11-10	14:15			
42	GS-098.1	2.5ft	1											14:21			
43	GS-098.2	2.5ft	1											14:24			
44	GS-099	2.5ft	1											14:31			
45	GS-099.5	0-2.5ft	1											14:36			
46	GS-100.1	4ft	1											14:40			
47	GS-100.2	2.5ft	1											14:43			
48	GS-101.1	6.5ft	1											14:48			
49	GS-101.2	4ft	1											14:53			

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§
* *

Sample Condition
Observed Temp. °C

Corrected temp. 5

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

November 23, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 15:59.

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.

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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 015 2FT (H225473-01)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	48.0	16.0	11/22/2022	ND	416	104	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 030 4.2FT (H225473-02)

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	11/22/2022	ND	1.97	98.5	2.00	2.93	
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	14800	16.0	11/22/2022	ND	416	104	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 031 2FT (H225473-03)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	48.0	16.0	11/22/2022	ND	416	104	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 032 4.2FT (H225473-04)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEx	<0.300	0.300	11/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/22/2022	ND	416	104	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 181E 0-2FT (H225473-05)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEx	<0.300	0.300	11/22/2022	ND						

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

Chloride, SM4500CI-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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 91.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 181 2FT (H225473-06)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEx	<0.300	0.300	11/22/2022	ND						

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

Chloride, SM4500CI-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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.9 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 182 6FT (H225473-07)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 99.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 183W 0-2FT (H225473-08)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEx	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 183W 2-4FT (H225473-09)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEX	<0.300	0.300	11/22/2022	ND						

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

Chloride, SM4500CI-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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 183 4.2FT (H225473-10)

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	11/22/2022	ND	1.97	98.5	2.00	2.93	
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 184 4.2FT (H225473-11)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 184SW 0-2FT (H225473-12)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 99.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 184SW 2-4FT (H225473-13)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEX	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 97.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 185 2FT (H225473-14)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEx	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 186E 0-1FT (H225473-15)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEx	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 186 2FT (H225473-16)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEx	<0.300	0.300	11/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/17/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 187 2FT (H225473-17)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEx	<0.300	0.300	11/22/2022	ND						

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

Chloride, SM4500CI-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	11/22/2022	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	11/22/2022	ND	209	105	200	2.19	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	205	103	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 188 4.2FT (H225473-18)

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	11/22/2022	ND	1.97	98.5	2.00	2.93	
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	176	16.0	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Mike Snyder For 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: 11/18/2022
 Reported: 11/23/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 11/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 189 4.2FT (H225473-19)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	1.97	98.5	2.00	2.93	
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83	
Total BTEX	<0.300	0.300	11/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 061.1T 6.5FT (H225473-20)

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	11/22/2022	ND	1.97	98.5	2.00	2.93		
Toluene*	<0.050	0.050	11/22/2022	ND	2.05	102	2.00	2.91		
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.07	104	2.00	3.17		
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.37	106	6.00	2.83		
Total BTEX	<0.300	0.300	11/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 061.1T 8.5FT (H225473-21)

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	11/23/2022	ND	2.05	102	2.00	4.02		
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	4.58		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.13	107	2.00	4.03		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.54	109	6.00	3.46		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	112	16.0	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 066T 6.5FT (H225473-22)

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	11/23/2022	ND	2.05	102	2.00	4.02		
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	4.58		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.13	107	2.00	4.03		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.54	109	6.00	3.46		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	1140	16.0	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.8 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 066T 7.5FT (H225473-23)

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	11/23/2022	ND	2.05	102	2.00	4.02		
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	4.58		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.13	107	2.00	4.03		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.54	109	6.00	3.46		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	48.0	16.0	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 069T 6.5FT (H225473-24)

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	11/23/2022	ND	2.05	102	2.00	4.02		
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	4.58		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.13	107	2.00	4.03		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.54	109	6.00	3.46		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	48.0	16.0	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 088T 8.5FT (H225473-25)

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	11/23/2022	ND	2.05	102	2.00	4.02		
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	4.58		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.13	107	2.00	4.03		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.54	109	6.00	3.46		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Mike Snyder For 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:	11/18/2022	Sampling Date:	11/18/2022
Reported:	11/23/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 091.2T 8.5FT (H225473-26)

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	11/23/2022	ND	2.05	102	2.00	4.02		
Toluene*	<0.050	0.050	11/23/2022	ND	2.14	107	2.00	4.58		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.13	107	2.00	4.03		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.54	109	6.00	3.46		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	80.0	16.0	11/22/2022	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	11/22/2022	ND	202	101	200	1.64	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	182	91.0	200	9.54	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

	Lab I.D.
	Sample I.D.

[illegible]

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amerdev Project Manager: Andrew Parker Address: On-File City: State: Zip: Phone #: Fax #: Project #: Project Owner: Project Name: 20220920-2300-water Project Location: Paul River Sampler Name: Christopher Turner				BILL TO P.O. #: 20220920-2300-water Company: Amerdev Attn: aparker@amerdev.com Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
FOR LAB USE ONLY		Matrix GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		Preserv ACID/BASE: ICE / COOL OTHER:		Sampling DATE TIME		Chloride TPH (GRO+DRO+MRO) BTEX (Benzene)			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS								
1035473	GS-183	X	1	X		11.17	9:51	X	X	X	
11	GS-184						9:54				
12	GS-184SW						10:03				
13	GS-184SW						10:07				
14	GS-185						10:11				
15	GS-186E						10:15				
16	GS-186						10:19				
17	GS-187						10:23				
18	GS-188						10:23				
19	GS-189						10:27				

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Relinquished By: Date: 11/18/22 Time: 1559 Received By: Stodolique	Relinquished By: Date: 11/18/22 Time: 1559 Received By: Stodolique
--	--

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 4.12 Corrected Temp. °C: 3.51 Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials)	Turnaround Time: Thermometer ID #113 Correction Factor -0.8°C Standard: <input checked="" type="checkbox"/> Rush Bacteria (only): <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition: Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: Corrected Temp. °C:
---	---	---

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



Company Name: Ameriplex

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

November 29, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/22/22 15:20.

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.

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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 134 3FT (H225522-01)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 137 3FT (H225522-02)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 138 3FT (H225522-03)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEx	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 140 3FT (H225522-04)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 143 3FT (H225522-05)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 154 4.2FT (H225522-06)

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	11/23/2022	ND	1.96	97.9	2.00	1.30	
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00	
Total BTEX	<0.300	0.300	11/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 156 4.2FT (H225522-07)

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	11/23/2022	ND	1.96	97.9	2.00	1.30	
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00	
Total BTEX	<0.300	0.300	11/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	96.0	16.0	11/23/2022	ND	432	108	400	3.64	

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 158 N 0-2FT (H225522-08)

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	11/23/2022	ND	1.96	97.9	2.00	1.30	
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00	
Total BTEX	<0.300	0.300	11/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	11/23/2022	ND	432	108	400	3.64	

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 158 N 2-4FT (H225522-09)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	32.0	16.0	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 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:	11/22/2022	Sampling Date:	11/21/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 158 4.2FT (H225522-10)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 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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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

Lab I.D.		Sample I.D.																			
H225522																					
1		GS-134		M		X		11.21		1:30		Chloride									
2		GS-137		M						1:34		TPH (GRO)									
3		GS-138		M						1:37		BTEX (Be)									
4		GS-140		M						1:41											
5		GS-143		M						1:46											
6		GS-154		M						1:49											
7		GS-156		M						1:52											
8		GS-158N		M						1:55											
9		GS-158N		M						1:57											
10		GS-158		M						1:61											

Relinquished By:

Relinquished By: 

Time: 14:00
Date: 11/77-25

Received By: 

10/10/10

REMARKS:

70. 11/22/22
Tide/Bank 4:3

[illegible]

Delivered By: (Circled Signature)

Time: 11:20 am
Observed Temp. °C 15.20

Sam
Co

WPC-111111	CHECKED BY: (Initials)
------------	---------------------------

Turnaround Time:

EMP

Standard ☒ Bacteria (only) Same

Rush ☐ Cool ☐ Intact ☐ Other ☐

Sample Condition
Observed Temp. °C

FORM-000 N.S.S. 01110122

† Cardinal cannot accept verbal changes. Please email changes to celej.keene@cardinalnews.com



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

November 29, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/22/22 15:20.

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.

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".

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:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 027 2FT (H225524-01)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

Cardinal Laboratories

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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:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 027 S 0-2FT (H225524-02)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	208	16.0	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 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:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 029 4.2FT (H225524-03)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEX	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	448	16.0	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.7 % 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:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 144 3FT (H225524-04)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEx	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.6 % 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:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 145 3FT (H225524-05)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTEx	<0.300	0.300	11/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 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:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 146 3FT (H225524-06)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTX	<0.300	0.300	11/23/2022	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	80.0	16.0	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.3 % 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:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 147 3FT (H225524-07)

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	11/23/2022	ND	1.96	97.9	2.00	1.30		
Toluene*	<0.050	0.050	11/23/2022	ND	2.19	109	2.00	0.216		
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.06	103	2.00	1.22		
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.21	104	6.00	1.00		
Total BTX	<0.300	0.300	11/23/2022	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	11/23/2022	ND	432	108	400	3.64		

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	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

[illegible]1081



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

December 06, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 12/01/22 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at 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, appearing to read "Mike Snyder".

Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 067.4 E 0-2FT (H225647-01)

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	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	<16.0	16.0	12/05/2022	ND	448	112	400	3.64		

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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 119 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 067.4 E 2-4FT (H225647-02)

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	12/03/2022	ND	2.07	103	2.00	9.13		
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71		
Total BTEX	<0.300	0.300	12/03/2022	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	12/05/2022	ND	448	112	400	3.64		

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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 082 4.2FT (H225647-03)

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	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	12/05/2022	ND	448	112	400	3.64		

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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 104 3.5FT (H225647-04)

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	12/05/2022	ND	448	112	400	3.64		

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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 105 W 0-2FT (H225647-05)

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	12/03/2022	ND	2.07	103	2.00	9.13	
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59	
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25	
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71	
Total BTEX	<0.300	0.300	12/03/2022	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	16.0	16.0	12/05/2022	ND	448	112	400	3.64	

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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 105 W 2-3.5FT (H225647-06)

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	12/03/2022	ND	2.07	103	2.00	9.13		
Toluene*	<0.050	0.050	12/03/2022	ND	2.18	109	2.00	9.59		
Ethylbenzene*	<0.050	0.050	12/03/2022	ND	2.20	110	2.00	9.25		
Total Xylenes*	<0.150	0.150	12/03/2022	ND	6.63	111	6.00	9.71		
Total BTEX	<0.300	0.300	12/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	12/05/2022	ND	448	112	400	3.64		

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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.4 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 105 3.5FT (H225647-07)

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	12/05/2022	ND	1.92	95.8	2.00	0.702	
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53	
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29	
Total BTEX	<0.300	0.300	12/05/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	12/05/2022	ND	448	112	400	3.64	

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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 106 E 0-2FT (H225647-08)

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	12/05/2022	ND	1.92	95.8	2.00	0.702		
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29		
Total BTEx	<0.300	0.300	12/05/2022	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	80.0	16.0	12/05/2022	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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 106 E 2-3.5FT (H225647-09)

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	12/05/2022	ND	1.92	95.8	2.00	0.702		
Toluene*	<0.050	0.050	12/05/2022	ND	1.98	99.0	2.00	1.53		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.91	95.6	2.00	1.61		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.88	98.0	6.00	2.29		
Total BTX	<0.300	0.300	12/05/2022	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	12/05/2022	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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

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

Received:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 106 3.5FT (H225647-10)

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	12/05/2022	ND	1.76	87.8	2.00	5.94		
Toluene*	<0.050	0.050	12/05/2022	ND	1.85	92.5	2.00	4.61		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.84	92.1	2.00	2.39		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.70	94.9	6.00	2.01		
Total BTX	<0.300	0.300	12/05/2022	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	12/05/2022	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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.1 % 46.3-178

Cardinal Laboratories

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 107 3.5FT (H225647-11)

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	12/05/2022	ND	1.76	87.8	2.00	5.94		
Toluene*	<0.050	0.050	12/05/2022	ND	1.85	92.5	2.00	4.61		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.84	92.1	2.00	2.39		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.70	94.9	6.00	2.01		
Total BTEX	<0.300	0.300	12/05/2022	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	48.0	16.0	12/05/2022	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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 140 N 0-2FT (H225647-12)

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	12/05/2022	ND	1.76	87.8	2.00	5.94		
Toluene*	<0.050	0.050	12/05/2022	ND	1.85	92.5	2.00	4.61		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.84	92.1	2.00	2.39		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.70	94.9	6.00	2.01		
Total BTEX	<0.300	0.300	12/05/2022	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	12/05/2022	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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 140 N 2-3FT (H225647-13)

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	12/05/2022	ND	1.76	87.8	2.00	5.94		
Toluene*	<0.050	0.050	12/05/2022	ND	1.85	92.5	2.00	4.61		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.84	92.1	2.00	2.39		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.70	94.9	6.00	2.01		
Total BTEX	<0.300	0.300	12/05/2022	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	12/05/2022	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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 189 5.2FT (H225647-14)

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	12/05/2022	ND	1.76	87.8	2.00	5.94		
Toluene*	<0.050	0.050	12/05/2022	ND	1.85	92.5	2.00	4.61		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.84	92.1	2.00	2.39		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.70	94.9	6.00	2.01		
Total BTEX	<0.300	0.300	12/05/2022	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	12/05/2022	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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.5 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 189 S 0-2FT (H225647-15)

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	12/05/2022	ND	1.76	87.8	2.00	5.94		
Toluene*	<0.050	0.050	12/05/2022	ND	1.85	92.5	2.00	4.61		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.84	92.1	2.00	2.39		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.70	94.9	6.00	2.01		
Total BTEX	<0.300	0.300	12/05/2022	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	80.0	16.0	12/05/2022	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	12/04/2022	ND	196	97.9	200	3.14	
DRO >C10-C28*	<10.0	10.0	12/04/2022	ND	233	116	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	12/04/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 46.3-178

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Mike Snyder For 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:	12/01/2022	Sampling Date:	12/01/2022
Reported:	12/06/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 189 S 2-5FT (H225647-16)

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	12/05/2022	ND	1.76	87.8	2.00	5.94		
Toluene*	<0.050	0.050	12/05/2022	ND	1.85	92.5	2.00	4.61		
Ethylbenzene*	<0.050	0.050	12/05/2022	ND	1.84	92.1	2.00	2.39		
Total Xylenes*	<0.150	0.150	12/05/2022	ND	5.70	94.9	6.00	2.01		
Total BTEX	<0.300	0.300	12/05/2022	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	16.0	16.0	12/05/2022	ND	400	100	400	7.69		

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*	<10.0	10.0	12/05/2022	ND	184	92.1	200	0.206	
DRO >C10-C28*	<10.0	10.0	12/05/2022	ND	167	83.5	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	12/05/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Mike Snyder For 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.
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 "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



(575) 393-2326 FAX (575) 393-2416

FD-302a (Rev. 11-27-70)



BILL TO

ANALYSIS REQUEST

Released to Imaging: 5/12/2023 3:21:57 PM



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

December 13, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 12/06/22 13:15.

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.

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:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 047 5.2FT (H225723-01)

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	12/10/2022	ND	2.15	108	2.00	2.90		
Toluene*	<0.050	0.050	12/10/2022	ND	2.17	109	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.13	106	2.00	2.34		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.51	108	6.00	1.17		
Total BTEX	<0.300	0.300	12/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	12/08/2022	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	12/08/2022	ND	177	88.5	200	7.71	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	169	84.3	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 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:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 133N 0-2FT (H225723-02)

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	12/10/2022	ND	2.15	108	2.00	2.90	
Toluene*	<0.050	0.050	12/10/2022	ND	2.17	109	2.00	3.19	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.13	106	2.00	2.34	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.51	108	6.00	1.17	
Total BTEx	<0.300	0.300	12/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	12/08/2022	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	12/08/2022	ND	177	88.5	200	7.71	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	169	84.3	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 133N 2-4FT (H225723-03)

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	12/10/2022	ND	2.15	108	2.00	2.90		
Toluene*	<0.050	0.050	12/10/2022	ND	2.17	109	2.00	3.19		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.13	106	2.00	2.34		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.51	108	6.00	1.17		
Total BTEX	<0.300	0.300	12/10/2022	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	32.0	16.0	12/08/2022	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	12/08/2022	ND	177	88.5	200	7.71	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	169	84.3	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 133 4.2FT (H225723-04)

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	12/08/2022	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	12/08/2022	ND	177	88.5	200	7.71	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	169	84.3	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 154S 0-2FT (H225723-05)

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	48.0	16.0	12/08/2022	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	12/08/2022	ND	177	88.5	200	7.71	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	169	84.3	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 46.3-178

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Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 154S 2-3FT (H225723-06)

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	12/08/2022	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	12/08/2022	ND	177	88.5	200	7.71	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	169	84.3	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178

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Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 155 3.2FT (H225723-07)

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	12/10/2022	ND	2.14	107	2.00	1.56	
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14	
Total BTEX	<0.300	0.300	12/10/2022	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	80.0	16.0	12/08/2022	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	12/08/2022	ND	177	88.5	200	7.71	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	169	84.3	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.9 % 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:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 157 2.2FT (H225723-08)

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	12/10/2022	ND	2.14	107	2.00	1.56	
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905	
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77	
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14	
Total BTEX	<0.300	0.300	12/10/2022	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	80.0	16.0	12/08/2022	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	12/08/2022	ND	177	88.5	200	7.71	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	169	84.3	200	6.82	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.2 % 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:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 159 2.2FT (H225723-09)

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 76.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 66.2 % 46.3-178

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Analytical Results For:

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

Received:	12/06/2022	Sampling Date:	12/06/2022
Reported:	12/13/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 159E 0-2FT (H225723-10)

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	12/10/2022	ND	2.14	107	2.00	1.56		
Toluene*	<0.050	0.050	12/10/2022	ND	2.23	111	2.00	0.905		
Ethylbenzene*	<0.050	0.050	12/10/2022	ND	2.19	110	2.00	1.77		
Total Xylenes*	<0.150	0.150	12/10/2022	ND	6.74	112	6.00	1.14		
Total BTEX	<0.300	0.300	12/10/2022	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	48.0	16.0	12/08/2022	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	12/08/2022	ND	191	95.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	12/08/2022	ND	160	80.0	200	7.29	
EXT DRO >C28-C36	<10.0	10.0	12/08/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: AMVERDEN

Project Manager: Andrew Parker

Address: On-File

City: State: Zip:

Phone #: Fax #:

Project #: Project Owner:

Project Name: 20220920-2300-water

Project Location: Peach Aiser

Sampler Name: On-Stephan Turner

FOR LAB USE ONLY

Lab I.D. Sample I.D.

14725723

		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	DATE	TIME	SAMPLING				
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE				OTHER :	ACID/BASE:	ICE / COOL	OTHER :	
1	GS-049	5.2FT	1							12.06.22	10:30	X	Chloride	X		
2	GS-133N	0-2FT								10:33	10:34	X	TPH (AROFDRO+MRO)	X		
3	GS-133N	2-4FT								10:34	10:35					
4	GS-133	4.2FT								10:41	10:45					
5	GS-154S	0-2FT								10:45	10:50					
6	GS-154S	2-3FT								10:50	10:54					
7	GS-155	3.2FT								10:54	10:58					
8	GS-157	2.2FT								10:58	11:02					
9	GS-159	2.2FT								11:02	11:32					
10	GS-159E	0-2FT								11:32						

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Relinquished By: [Signature] Date: 11-06-2022 Time: 11:47 Received By: [Signature] Date: 11-06-2022 Time: 11:47

Relinquished By: [Signature]

Delivered By: (Circle One) Observed Temp. °C 37 Corrected Temp. °C 3.1

Sampler - UPS - Bus - Other:

Sample Condition

CHECKED BY: (Initials)

Turnaround Time: Standard

Thermometer ID #113

Correction Factor -0.8°C

Bacteria (only) Sample Condition

Observed Temp. °C

Corrected Temp. °C

FORM 0006 R 3/3 07/10/22

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



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

December 14, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 12/09/22 15:24.

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.

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".

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:	12/09/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 065 6.5FT (H225828-01)

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	12/13/2022	ND	1.98	99.0	2.00	8.25		
Toluene*	<0.050	0.050	12/13/2022	ND	2.06	103	2.00	8.73		
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.01	101	2.00	8.62		
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.18	103	6.00	9.64		
Total BTEX	<0.300	0.300	12/13/2022	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	32.0	16.0	12/12/2022	ND	416	104	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.6 % 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:	12/09/2022	Sampling Date:	12/08/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 066 6.5FT (H225828-02)

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	12/13/2022	ND	1.98	99.0	2.00	8.25	
Toluene*	<0.050	0.050	12/13/2022	ND	2.06	103	2.00	8.73	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.01	101	2.00	8.62	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.18	103	6.00	9.64	
Total BTX	<0.300	0.300	12/13/2022	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	32.0	16.0	12/12/2022	ND	416	104	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					

Surrogate: 1-Chlorooctane 123 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 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:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 069 6.5FT (H225828-03)

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	12/13/2022	ND	2.07	103	2.00	7.89		
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94		
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48		
Total BTEX	<0.300	0.300	12/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	4440	16.0	12/12/2022	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					

Surrogate: 1-Chlorooctane 119 % 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:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 070 6.5FT (H225828-04)

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	12/13/2022	ND	2.07	103	2.00	7.89		
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94		
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48		
Total BTEX	<0.300	0.300	12/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	160	16.0	12/12/2022	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					

Surrogate: 1-Chlorooctane 115 % 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:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 071 6.5FT (H225828-05)

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	12/13/2022	ND	2.07	103	2.00	7.89		
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94		
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48		
Total BTEX	<0.300	0.300	12/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	2120	16.0	12/12/2022	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 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:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 081 6.5FT (H225828-06)

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	12/13/2022	ND	2.07	103	2.00	7.89	
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94	
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96	
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48	
Total BTEX	<0.300	0.300	12/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	80.0	16.0	12/12/2022	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	33.3	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	13.5	10.0	12/13/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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:	12/09/2022	Sampling Date:	12/09/2022
Reported:	12/14/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 085 6.5FT (H225828-07)

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	12/13/2022	ND	2.07	103	2.00	7.89		
Toluene*	<0.050	0.050	12/13/2022	ND	2.08	104	2.00	7.94		
Ethylbenzene*	<0.050	0.050	12/13/2022	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	12/13/2022	ND	6.38	106	6.00	5.48		
Total BTEX	<0.300	0.300	12/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	80.0	16.0	12/12/2022	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	12/13/2022	ND	228	114	200	3.77	
DRO >C10-C28*	<10.0	10.0	12/13/2022	ND	214	107	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	12/13/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Caley D. Keene, Lab Director/Quality Manager



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

December 20, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 12/14/22 15:20.

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.

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".

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:	12/14/2022	Sampling Date:	12/13/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 061.1 6.5FT (H225907-01)

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	12/17/2022	ND	2.05	102	2.00	2.99		
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06		
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87		
Total BTEX	<0.300	0.300	12/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	112	16.0	12/16/2022	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	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					

Surrogate: 1-Chlorooctane 107 % 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:	12/14/2022	Sampling Date:	12/13/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 061.2 6.5FT (H225907-02)

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	12/17/2022	ND	2.05	102	2.00	2.99		
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06		
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87		
Total BTEX	<0.300	0.300	12/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	272	16.0	12/16/2022	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	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.2 % 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:	12/14/2022	Sampling Date:	12/13/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 062 6.5FT (H225907-03)

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	12/17/2022	ND	2.05	102	2.00	2.99		
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06		
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87		
Total BTEx	<0.300	0.300	12/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-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	12/16/2022	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	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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: 12/14/2022
 Reported: 12/20/2022
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 12/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: GS - 079.2 4.5FT (H225907-04)

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	12/17/2022	ND	2.05	102	2.00	2.99		
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06		
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87		
Total BTEX	<0.300	0.300	12/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-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	12/16/2022	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	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.1 % 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:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 088 7.5FT (H225907-05)

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	12/17/2022	ND	2.05	102	2.00	2.99		
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06		
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87		
Total BTEX	<0.300	0.300	12/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	192	16.0	12/16/2022	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	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.5 % 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:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 091.2 7.5FT (H225907-06)

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	12/17/2022	ND	2.05	102	2.00	2.99		
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06		
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87		
Total BTEX	<0.300	0.300	12/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	12/16/2022	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	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.8 % 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:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 095 3.5FT (H225907-07)

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	12/17/2022	ND	2.05	102	2.00	2.99		
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06		
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87		
Total BTEX	<0.300	0.300	12/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	12/16/2022	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	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.7 % 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:	12/14/2022	Sampling Date:	12/14/2022
Reported:	12/20/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 101.1 7.5FT (H225907-08)

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	12/17/2022	ND	2.05	102	2.00	2.99		
Toluene*	<0.050	0.050	12/17/2022	ND	2.04	102	2.00	3.06		
Ethylbenzene*	<0.050	0.050	12/17/2022	ND	2.03	102	2.00	2.80		
Total Xylenes*	<0.150	0.150	12/17/2022	ND	6.25	104	6.00	2.87		
Total BTEX	<0.300	0.300	12/17/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	48.0	16.0	12/16/2022	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	12/16/2022	ND	202	101	200	8.71	
DRO >C10-C28*	<10.0	10.0	12/16/2022	ND	188	94.1	200	8.05	
EXT DRO >C28-C36	<10.0	10.0	12/16/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: AMERGEN Project Manager: Andrew Parker Address: On-File City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Name: 20220920-2300-Water Project Location: Peach River Sample Name: (Nitro) Turner		BILL TO P.O. #: 20220920-2300-Water Company: AMERGEN Attn: n.parker@amer-gen.com Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST	
FOR LAB USE ONLY		MATRIX (G)RAB OR (C)OMP. _____ # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____		PRESERV. SAMPLING	
Lab I.D. H225907	Sample I.D. GS-061.1 GS-061.2 GS-062 GS-079.2 GS-088 GS-091.2 GS-095 GS-101.1	6.5 Ft 6.5 Ft 6.5 Ft 4.5-3.5 Ft 7.5 Ft 7.5 Ft 3.5 Ft 7.5 Ft	12.13.22 12.13.22 12.14.22 12.14.22 12.14.22 12.14.22 12.14.22 12.14.22	11:37 11:41 11:46 12:45 12:49 12:53 12:57 1:03	Chloride TPH (GRO+DRO+MRO) BTEX (Benzene)
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Relinquished By: [Signature] Date: 12-14-22 Time: 15:20 Received By: [Signature] Date: 12-14-22 Time: 15:20		REMARKS: * Sample ID changed as per Andrew. 12/16/22 cooler Temp Blank 3.2°C			
Relinquished By: [Signature] Date: _____ Time: _____		Turnaround Time: _____ Standard: <input checked="" type="checkbox"/> RUSH Bacteria (only): <input type="checkbox"/> Sample Condition: <input type="checkbox"/> Thermometer ID #113: _____ Cool Intact: <input type="checkbox"/> Correction Factor -0.8°C: _____ Yes: <input type="checkbox"/> No: <input type="checkbox"/> Observed Temp. °C: 3.9 Corrected Temp. °C: 3.2			

FORM-006 R-3-3 07/10/22

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



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[illegible]

Relinquished By: 214 Date: 12/04/12 Received By: 7

Relinquished By:	
Time:	14:01
Date:	11-9-22

Received By: *[Signature]* *MM/10*

REMARKS: *Coalescing*

Blank 2.8c

Time:	1524
Observed Temp. °C	
Delivered By: (Circle One)	
Corrected Temp. °C	
Sampler - UPS - Bus - Other:	

51	Sample Condition	CHECKED BY:
4.5	Cool	(Initials)
	Intact	
<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	
<input type="checkbox"/> No	<input type="checkbox"/> No	

Turnaround Time:	Standard	<input checked="" type="checkbox"/> Bacteria (+)
Thermometer ID #113	Rush	<input type="checkbox"/> Cool Intake
Correction Factor -0.5°C		<input type="checkbox"/> Yes <input type="checkbox"/>
		<input type="checkbox"/> No <input type="checkbox"/>

Only	Sample Condition
Correct	Observed Temp. °C
Yes	
No	Corrected Temp. °C



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

December 21, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 12/16/22 16:00.

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.

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:	12/16/2022	Sampling Date:	12/16/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 030 10FT (H225982-01)

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	12/21/2022	ND	2.05	102	2.00	0.0851		
Toluene*	<0.050	0.050	12/21/2022	ND	2.24	112	2.00	0.0397		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	4.07		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.75	113	6.00	4.41		
Total BTEX	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	256	16.0	12/21/2022	ND	384	96.0	400	11.8		

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	12/21/2022	ND	197	98.7	200	5.21	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	176	88.1	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 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:	12/16/2022	Sampling Date:	12/16/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 069 8.5FT (H225982-02)

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	12/21/2022	ND	2.05	102	2.00	0.0851	
Toluene*	<0.050	0.050	12/21/2022	ND	2.24	112	2.00	0.0397	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.75	113	6.00	4.41	
Total BTEX	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	12/21/2022	ND	384	96.0	400	11.8		

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	12/21/2022	ND	197	98.7	200	5.21	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	176	88.1	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 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:	12/16/2022	Sampling Date:	12/16/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 071 7.5FT (H225982-03)

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	12/21/2022	ND	2.05	102	2.00	0.0851	
Toluene*	<0.050	0.050	12/21/2022	ND	2.24	112	2.00	0.0397	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	4.07	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.75	113	6.00	4.41	
Total BTEX	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	176	16.0	12/21/2022	ND	384	96.0	400	11.8		

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	12/21/2022	ND	197	98.7	200	5.21	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	176	88.1	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.8 % 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:	12/16/2022	Sampling Date:	12/16/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 102 1FT (H225982-04)

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	12/21/2022	ND	2.05	102	2.00	0.0851		
Toluene*	<0.050	0.050	12/21/2022	ND	2.24	112	2.00	0.0397		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	4.07		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.75	113	6.00	4.41		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	16.0	16.0	12/21/2022	ND	416	104	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	12/20/2022	ND	208	104	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	221	111	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:	12/16/2022	Sampling Date:	12/16/2022
Reported:	12/21/2022	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 102S 0-1FT (H225982-05)

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	12/21/2022	ND	2.05	102	2.00	0.0851		
Toluene*	<0.050	0.050	12/21/2022	ND	2.24	112	2.00	0.0397		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	4.07		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.75	113	6.00	4.41		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-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	12/21/2022	ND	416	104	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	12/20/2022	ND	208	104	200	10.7	
DRO >C10-C28*	<10.0	10.0	12/20/2022	ND	221	111	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	12/20/2022	ND					

Surrogate: 1-Chlorooctane 77.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.9 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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

Company Name: AMEREDY Project Manager: Andrew Barker Address: On-File City: State: Zip: Phone #: Fax #: Project #: Project Name: 20220920-2300-Water Project Location: Peach River Sample Name: Christopher Turner <small>FOR LAB USE ONLY</small>		P.O. #: 20220920-2300-Water Company: Ameredy Attn: aquil@ameredy.com Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. H225982 1 GS-030 10Ft 2 GS-069 8.5Ft 3 GS-071 7.5Ft 4 GS-102 1Ft 5 GS-102S D-1Ft		Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
Relinquished By: [Signature] Date: 12.16.22 Time: 4:00 pm Received By: [Signature] Date: 12.16.22 Time:		BILL TO ANALYSIS REQUEST	
Relinquished By: [Signature] Date: 12.16.22 Time: 4:00 pm Received By: [Signature]		REMARKS: Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> <input checked="" type="checkbox"/> Corrected Temp. °C	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C 1.4 Corrected Temp. °C 0.8 Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked BY: [Signature] Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> <input checked="" type="checkbox"/> Corrected Temp. °C	



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

January 27, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 01/25/23 14:38.

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.

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".

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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 132 5' (H230355-01)

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	01/26/2023	ND	1.99	99.4	2.00	4.19	
Toluene*	<0.050	0.050	01/26/2023	ND	2.20	110	2.00	4.48	
Ethylbenzene*	<0.050	0.050	01/26/2023	ND	2.16	108	2.00	4.24	
Total Xylenes*	<0.150	0.150	01/26/2023	ND	6.63	110	6.00	3.77	
Total BTX	<0.300	0.300	01/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

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	01/26/2023	ND	416	104	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	01/26/2023	ND	203	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	229	115	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 136 4' (H230355-02)

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	01/26/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/26/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/26/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/26/2023	ND	6.63	110	6.00	3.77		
Total BTEx	<0.300	0.300	01/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/26/2023	ND	416	104	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	01/26/2023	ND	203	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	229	115	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 139 4' (H230355-03)

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	01/26/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/26/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/26/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/26/2023	ND	6.63	110	6.00	3.77		
Total BTX	<0.300	0.300	01/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

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	01/26/2023	ND	416	104	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	01/26/2023	ND	203	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	229	115	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 141 4' (H230355-04)

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	01/27/2023	ND	1.99	99.4	2.00	4.19	
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77	
Total BTEX	<0.300	0.300	01/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/26/2023	ND	416	104	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	01/26/2023	ND	203	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	229	115	200	0.217	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 141S 0-2' (H230355-05)

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	01/27/2023	ND	1.99	99.4	2.00	4.19	
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77	
Total BTEX	<0.300	0.300	01/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/26/2023	ND	416	104	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	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 141S 2-4' (H230355-06)

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	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEx	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-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	01/26/2023	ND	416	104	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	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 148 2' (H230355-07)

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	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTX	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/26/2023	ND	416	104	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	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 176W 0-2' (H230355-08)

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	01/27/2023	ND	1.99	99.4	2.00	4.19	
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77	
Total BTEX	<0.300	0.300	01/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

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	01/26/2023	ND	416	104	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	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 176W 2-4' (H230355-09)

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	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEX	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

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	01/26/2023	ND	416	104	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	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 176 4' (H230355-10)

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	01/27/2023	ND	1.99	99.4	2.00	4.19	
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77	
Total BTEX	<0.300	0.300	01/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/26/2023	ND	416	104	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	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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: 01/25/2023
 Reported: 01/27/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 01/23/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: GS - 177.1 NE 0-2' (H230355-11)

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	01/27/2023	ND	1.99	99.4	2.00	4.19	
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77	
Total BTEX	<0.300	0.300	01/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

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	01/26/2023	ND	416	104	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	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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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:	01/25/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 177.1NE 2-4' (H230355-12)

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	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEX	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

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	01/26/2023	ND	416	104	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	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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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

Company Name: <u>Amesbury</u> Project Manager: <u>Andrew Parker</u> Address: <u>On-File</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>20220420-2300-water</u> Project Location: <u>Peach Ridge</u> Sampler Name: <u>Christopher Turner</u>		BILL TO P.O. #: <u>20220420-2300-water</u> Company: <u>Amesbury</u> Attn: <u>mparker@amesbury.com</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST	
FOR LAB USE ONLY		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: _____		PRESERV. ACID/BASE: ICE / COOL OTHER: _____	
Lab I.D.		Sample I.D.		DATE	
<u>HL230355</u>		<u>5H</u>		<u>11:00</u>	
<u>1</u>		<u>5H-132</u>		<u>11:07</u>	
<u>2</u>		<u>5H-136</u>		<u>11:24</u>	
<u>3</u>		<u>5H-134</u>		<u>11:13</u>	
<u>4</u>		<u>5H-141</u>		<u>11:18</u>	
<u>5</u>		<u>5H-141S</u>		<u>11:23</u>	
<u>6</u>		<u>5H-141S</u>		<u>11:29</u>	
<u>7</u>		<u>5H-148</u>		<u>11:31</u>	
<u>8</u>		<u>5H-176W</u>		<u>12:04</u>	
<u>9</u>		<u>5H-176W</u>			

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Relinquished By: _____ Date: <u>01.25.23</u> Time: <u>11:30</u> Received By: _____ Date: <u>1-25-23</u> Time: <u>1438</u>		REMARKS: <u>Cooler Temp Blasts 2.1</u>	
Relinquished By: _____ Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add Phone #: _____ All Results are emailed. Please provide Email address: _____	

Delivered By: (Circle One) Standard Rush
 Sampler - UPS - Bus - Other: _____
 Corrected Temp. °C 16
 Observed Temp. °C 22
 Sample Condition ☒ Intact ☐ Cool ☐ Yes ☐ No
 Checked By: (Initials) AS
 Thermometer ID #113
 Correction Factor -0.5°C
 Bacteria (only) Sample Condition ☒ Intact ☐ Observed Temp. °C 22
 Corrected Temp. °C 20

Port#0007K3307767Z

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 16 of 16



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

February 03, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 02/02/23 15:35.

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.

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:	02/02/2023	Sampling Date:	02/02/2023
Reported:	02/03/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 152 5' (H230482-01)

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	02/03/2023	ND	2.09	105	2.00	7.92	
Toluene*	<0.050	0.050	02/03/2023	ND	2.09	104	2.00	8.55	
Ethylbenzene*	<0.050	0.050	02/03/2023	ND	2.02	101	2.00	7.62	
Total Xylenes*	<0.150	0.150	02/03/2023	ND	6.11	102	6.00	6.68	
Total BTX	<0.300	0.300	02/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/03/2023	ND	416	104	400	7.41		

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	02/02/2023	ND	198	99.2	200	4.82	
DRO >C10-C28*	<10.0	10.0	02/02/2023	ND	186	93.1	200	0.420	
EXT DRO >C28-C36	<10.0	10.0	02/02/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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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", is written over a horizontal line.

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

Company Name: <u>Ameregen</u> Project Manager: <u>Andrew Parker</u> Address: <u>Un-file</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Name: <u>20220120-2300-Water</u> Project Location: <u>Peach River</u> Sampler Name: <u>Christopher Turner</u>		BILL TO P.O. #: <u>20220120-2300-Water</u> Company: <u>Ameregen</u> Attn: <u>Andrew Parker</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <u>H230482</u> Sample I.D. <u>GS-62</u> Matrix: <input checked="" type="checkbox"/> (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS Groundwater: <input type="checkbox"/> Wastewater: <input type="checkbox"/> Soil: <input checked="" type="checkbox"/> Oil: <input type="checkbox"/> Sludge: <input type="checkbox"/> Other: <input type="checkbox"/> Acid/Base: <input checked="" type="checkbox"/> Ice / Cool: <input checked="" type="checkbox"/> Other: <input type="checkbox"/> Date: <u>02.02.23</u> Time: <u>11:50</u>		ANALYSIS REQUEST Chloride <input checked="" type="checkbox"/> TPH (GRO+DRO+MRO) <input checked="" type="checkbox"/> BTEX (Benzene) <input checked="" type="checkbox"/>	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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.		REMARKS: <u>Cooler Temp 1.9°C</u>	
Relinquished By: <u>[Signature]</u> Date: <u>2-2-23</u> Time: <u>1335</u> Received By: <u>[Signature]</u> Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Relinquished By: <u>[Signature]</u> Date: _____ Time: _____ Received By: _____ Date: _____ Time: _____		Turnaround Time: _____ Standard: <input checked="" type="checkbox"/> Bacteria (only): <input type="checkbox"/> Sample Condition: <input checked="" type="checkbox"/> Observed Temp. °C: _____ Thermometer ID #113 Correction Factor -0.5°C Corrected Temp. °C: _____	
Delivered By: (Circle One) <input checked="" type="checkbox"/> Observed Temp. °C: <u>2.6</u> Sampler - UPS - Bus - Other: <input checked="" type="checkbox"/> Corrected Temp. °C: <u>2.0</u>		Sample Condition: <input checked="" type="checkbox"/> Cool: <input checked="" type="checkbox"/> Intact: <input checked="" type="checkbox"/> Checked By: <u>[Signature]</u> Initials: <u>TP</u>	

FORM-000-R-3-3 07/11/02Z

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



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

February 06, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 02/03/23 15:34.

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.

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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 149 5FT (H230491-01)

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	02/04/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20	
Total BTEX	<0.300	0.300	02/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	219	109	200	9.93	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	246	123	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 149W 0-2FT (H230491-02)

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	02/04/2023	ND	2.12	106	2.00	4.80		
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55		
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81		
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20		
Total BTEX	<0.300	0.300	02/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	02/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	219	109	200	9.93	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	246	123	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 149W 2-4FT (H230491-03)

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	02/04/2023	ND	2.12	106	2.00	4.80		
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55		
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81		
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20		
Total BTEX	<0.300	0.300	02/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	219	109	200	9.93	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	246	123	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 149W 4.5FT (H230491-04)

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	02/04/2023	ND	2.12	106	2.00	4.80	
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55	
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81	
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20	
Total BTX	<0.300	0.300	02/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-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	02/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	219	109	200	9.93	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	246	123	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 152S 0-2FT (H230491-05)

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	02/04/2023	ND	2.12	106	2.00	4.80		
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55		
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81		
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20		
Total BTEX	<0.300	0.300	02/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	219	109	200	9.93	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	246	123	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 152S 2-4FT (H230491-06)

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	02/04/2023	ND	2.12	106	2.00	4.80		
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55		
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81		
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20		
Total BTEX	<0.300	0.300	02/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	02/06/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	219	109	200	9.93	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	246	123	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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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:	02/03/2023	Sampling Date:	02/03/2023
Reported:	02/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 152S 4.5FT (H230491-07)

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	02/04/2023	ND	2.12	106	2.00	4.80		
Toluene*	<0.050	0.050	02/04/2023	ND	2.15	108	2.00	3.55		
Ethylbenzene*	<0.050	0.050	02/04/2023	ND	2.13	107	2.00	4.81		
Total Xylenes*	<0.150	0.150	02/04/2023	ND	6.53	109	6.00	3.20		
Total BTEX	<0.300	0.300	02/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	02/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/03/2023	ND	219	109	200	9.93	
DRO >C10-C28*	<10.0	10.0	02/03/2023	ND	246	123	200	18.2	
EXT DRO >C28-C36	<10.0	10.0	02/03/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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

Company Name: AMCRESTON Project Manager: Andrew Parker Address: On file City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: 20220920-2500-Water Project Location: Peach Ridge Sampler Name: Christopher Turner FOR LAB USE ONLY		P.O. #: 20220920-2500-Water Company: AMCRESTON Attn: Andrew Parker Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. H230491 Sample I.D.		BILL TO ANALYSIS REQUEST	
(G) RAB OR (C) OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		MATRIX PRESERV SAMPLING	
DATE TIME		DATE TIME	
Chloride TPH (GRO+DRO+MRO) BTEX (Benzene)			
Turnaround Time: _____ Standard _____ Rush _____ Bacteria (only) _____ Cool Intact _____ Observed Temp. °C _____ Corrected Temp. °C _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: _____	



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

February 13, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 02/07/23 16:41.

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.

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".

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:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 128 4FT (H230535-01)

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	02/11/2023	ND	2.07	103	2.00	1.50	
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	1.74	
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	2.00	100	2.00	0.560	
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.10	102	6.00	0.395	
Total BTX	<0.300	0.300	02/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 129 4FT (H230535-02)

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	02/11/2023	ND	2.07	103	2.00	1.50	
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	1.74	
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	2.00	100	2.00	0.560	
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.10	102	6.00	0.395	
Total BTEX	<0.300	0.300	02/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 129 N 0-2FT (H230535-03)

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	02/11/2023	ND	2.07	103	2.00	1.50	
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	1.74	
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	2.00	100	2.00	0.560	
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.10	102	6.00	0.395	
Total BTEX	<0.300	0.300	02/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 129 N 2-4FT (H230535-04)

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	02/11/2023	ND	2.07	103	2.00	1.50		
Toluene*	0.079	0.050	02/11/2023	ND	2.04	102	2.00	1.74		
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	2.00	100	2.00	0.560		
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.10	102	6.00	0.395		
Total BTEX	<0.300	0.300	02/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 129.1 W 0-2FT (H230535-05)

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	02/11/2023	ND	2.07	103	2.00	1.50		
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	1.74		
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	2.00	100	2.00	0.560		
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.10	102	6.00	0.395		
Total BTEx	<0.300	0.300	02/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 129.1 W 2-4FT (H230535-06)

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	02/11/2023	ND	2.07	103	2.00	1.50	
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	1.74	
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	2.00	100	2.00	0.560	
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.10	102	6.00	0.395	
Total BTEX	<0.300	0.300	02/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 130 7FT (H230535-07)

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	02/11/2023	ND	2.07	103	2.00	1.50	
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	1.74	
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	2.00	100	2.00	0.560	
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.10	102	6.00	0.395	
Total BTEX	<0.300	0.300	02/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 148 NE 0-2FT (H230535-11)

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	02/11/2023	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	3.26	
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	1.98	99.1	2.00	3.85	
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.05	101	6.00	3.49	
Total BTEX	<0.300	0.300	02/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-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	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 129.2 W 0-2FT (H230535-12)

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	02/11/2023	ND	2.06	103	2.00	2.97		
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	3.26		
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	1.98	99.1	2.00	3.85		
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.05	101	6.00	3.49		
Total BTEx	<0.300	0.300	02/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/09/2023	ND	416	104	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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 161 N 0-2FT (H230535-13)

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	02/11/2023	ND	2.06	103	2.00	2.97		
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	3.26		
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	1.98	99.1	2.00	3.85		
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.05	101	6.00	3.49		
Total BTEX	<0.300	0.300	02/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/09/2023	ND	448	112	400	3.64		

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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 160 0-2FT (H230535-14)

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	02/11/2023	ND	2.06	103	2.00	2.97		
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	3.26		
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	1.98	99.1	2.00	3.85		
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.05	101	6.00	3.49		
Total BTEX	<0.300	0.300	02/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/09/2023	ND	448	112	400	3.64		

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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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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:	02/07/2023	Sampling Date:	02/07/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 160 E 0-2FT (H230535-15)

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	02/11/2023	ND	2.06	103	2.00	2.97		
Toluene*	<0.050	0.050	02/11/2023	ND	2.04	102	2.00	3.26		
Ethylbenzene*	<0.050	0.050	02/11/2023	ND	1.98	99.1	2.00	3.85		
Total Xylenes*	<0.150	0.150	02/11/2023	ND	6.05	101	6.00	3.49		
Total BTEX	<0.300	0.300	02/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/09/2023	ND	448	112	400	3.64		

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	02/10/2023	ND	190	95.1	200	1.94	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	173	86.3	200	0.568	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

Released to Imaging: 5/12/2023 3:21:57 PM



ANALYSIS REQUEST

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



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

February 13, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 02/08/23 16:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at 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".

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:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 132 S 0-2FT (H230578-01)

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	02/12/2023	ND	2.05	103	2.00	5.59	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18	
Total BTEX	<0.300	0.300	02/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/11/2023	ND	416	104	400	10.9		

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	02/10/2023	ND	188	94.0	200	1.28	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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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:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 132 S 2-4FT (H230578-02)

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	02/12/2023	ND	2.05	103	2.00	5.59	
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38	
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32	
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18	
Total BTEX	<0.300	0.300	02/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/11/2023	ND	416	104	400	10.9		

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	02/10/2023	ND	188	94.0	200	1.28	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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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:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 135 6FT (H230578-03)

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	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEx	<0.300	0.300	02/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/11/2023	ND	416	104	400	10.9		

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	02/10/2023	ND	188	94.0	200	1.28	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

Cardinal Laboratories

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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:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 142 5FT (H230578-04)

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	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEX	<0.300	0.300	02/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/11/2023	ND	416	104	400	10.9		

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	02/10/2023	ND	188	94.0	200	1.28	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	204	102	200	1.07	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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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:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 142 SW 0-2FT (H230578-05)

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	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEX	<0.300	0.300	02/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	02/11/2023	ND	416	104	400	10.9		

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	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 67.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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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:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 142 SW 2-4FT (H230578-06)

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	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEX	<0.300	0.300	02/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/11/2023	ND	416	104	400	10.9		

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	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 67.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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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:	02/08/2023	Sampling Date:	02/08/2023
Reported:	02/13/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 142 SW 4.5FT (H230578-07)

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	02/12/2023	ND	2.05	103	2.00	5.59		
Toluene*	<0.050	0.050	02/12/2023	ND	2.03	102	2.00	5.38		
Ethylbenzene*	<0.050	0.050	02/12/2023	ND	1.97	98.7	2.00	5.32		
Total Xylenes*	<0.150	0.150	02/12/2023	ND	6.01	100	6.00	5.18		
Total BTEX	<0.300	0.300	02/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/11/2023	ND	416	104	400	10.9		

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	02/10/2023	ND	196	97.9	200	0.842	
DRO >C10-C28*	<10.0	10.0	02/10/2023	ND	199	99.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	02/10/2023	ND					

Surrogate: 1-Chlorooctane 59.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.1 % 49.1-148

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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 "C. 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

Company Name: Amereyen		BILL TO		ANALYSIS REQUEST	
Project Manager: Andrew Parker		P.O. #: 20220920-2300-Water			
Address: Dr-Hill		Company: Amereyen			
City: _____ State: _____ Zip: _____		Attn: aparker@amereyen.com			
Phone #: _____ Fax #: _____		Address: _____			
Project #: _____ Project Owner: _____		City: _____			
Project Name: 20220920-2300-Water		State: _____ Zip: _____			
Project Location: Peach River		Phone #: _____			
Sample Name: Christopher Turner		Fax #: _____			
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV
				GROUNDWATER	
				WASTEWATER	
				SOIL	
				OIL	
				SLUDGE	
				OTHER :	
				ACID/BASE:	
				ICE / COOL	
				OTHER :	
				DATE	TIME
11930578					
1	615-1325	0-25F	61	2.8.23	3:02
2	615-1325	2-4F			3:08
3	615-135	6-4F			3:15
4	615-142	5F+			3:23
5	615-142SW	0-25F			3:27
6	615-142SW	2-4F			3:31
7	615-142SW	4.5F+			3:33
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' 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 reasons or otherwise.</p>					
Relinquished By: [Signature]		Date: 2-8-23		Received By: [Signature]	
Relinquished By: [Signature]		Date: 10-28		Received By: [Signature]	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
				Checked BY: (Initials) [Signature]	
				Turnaround Time: _____	
				Thermometer ID #113	
				Correction Factor -0.5°C	
				Standard <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/>	
				Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
				Yes <input type="checkbox"/> No <input type="checkbox"/>	
				Corrected Temp. °C	
REMARKS: Cooler Temp 13.5°F - 1.7					

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



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

February 23, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 02/21/23 8:10.

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.

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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 046 NE 0-2FT (H230788-01)

BTEX 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0	
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964	
Total BTEX	<0.300	0.300	02/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 046 2FT (H230788-02)

BTEx 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0	
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964	
Total BTEX	<0.300	0.300	02/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 046 SW 0-2FT (H230788-03)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0		
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964		
Total BTEX	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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: 02/21/2023
 Reported: 02/23/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 02/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: GS - 120 2FT (H230788-04)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0		
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964		
Total BTEX	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 123 4FT (H230788-05)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0		
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964		
Total BTEX	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	2.16	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	202	101	200	2.11	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 123.1 6FT (H230788-06)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0		
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964		
Total BTEX	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 123.1 SE 0-2FT (H230788-07)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0		
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964		
Total BTEx	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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

Received:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 123.1 SE 2-4FT (H230788-08)

BTX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0		
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964		
Total BTX	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1570	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Analytical Results For:

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

Received:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 123.1 SE 4-6FT (H230788-09)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/22/2023	ND	2.27	113	2.00	12.0		
Toluene*	<0.050	0.050	02/22/2023	ND	2.33	117	2.00	6.85		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	2.09	105	2.00	2.04		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.29	105	6.00	0.964		
Total BTEx	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

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

Received:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 124 N 0-1FT (H230788-10)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 124 4FT (H230788-11)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 125 NW 0-2FT (H230788-12)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 125 NW 2-4FT (H230788-13)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 125 4FT (H230788-14)

BTEx 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34	
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 126 3FT (H230788-15)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 126 S 0-2FT (H230788-16)

BTX 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34	
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99	
Total BTX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 126 S 2-3FT (H230788-17)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 127 3FT (H230788-18)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEx	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 131 5FT (H230788-19)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 150 3FT (H230788-20)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 151 3FT (H230788-21)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 153 3FT (H230788-22)

BTEx 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34	
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 177.1 5.75FT (H230788-23)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 02/21/2023
 Reported: 02/23/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 02/20/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: GS - 177.2 NW 0-2FT (H230788-24)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEx	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 177.2 NW 2-4FT (H230788-25)

BTEx 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34	
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	210	105	200	4.83	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	217	108	200	6.33	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 177.2 NW 4-5.75FT (H230788-26)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEx	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-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	02/21/2023	ND	400	100	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	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 177.2 5.75FT (H230788-27)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 178 4FT (H230788-28)

BTEx 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 178 E 0-2FT (H230788-29)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/23/2023	ND	2.08	104	2.00	2.34		
Toluene*	<0.050	0.050	02/23/2023	ND	2.22	111	2.00	6.28		
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.36	118	2.00	7.26		
Total Xylenes*	<0.150	0.150	02/23/2023	ND	7.12	119	6.00	7.99		
Total BTEX	<0.300	0.300	02/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/21/2023	ND	400	100	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	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 178 E 2-4FT (H230788-30)

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	02/22/2023	ND	2.24	112	2.00	11.8		
Toluene*	<0.050	0.050	02/22/2023	ND	2.37	119	2.00	17.1		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	1.99	99.7	2.00	2.40		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.08	101	6.00	3.24		
Total BTEX	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	02/21/2023	ND	400	100	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	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 179 4FT (H230788-31)

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	02/22/2023	ND	2.24	112	2.00	11.8	
Toluene*	<0.050	0.050	02/22/2023	ND	2.37	119	2.00	17.1	
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	1.99	99.7	2.00	2.40	
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.08	101	6.00	3.24	
Total BTEX	<0.300	0.300	02/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	02/21/2023	ND	384	96.0	400	8.00		

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	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 179 W 0-2FT (H230788-32)

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	02/22/2023	ND	2.24	112	2.00	11.8		
Toluene*	<0.050	0.050	02/22/2023	ND	2.37	119	2.00	17.1		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	1.99	99.7	2.00	2.40		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.08	101	6.00	3.24		
Total BTEx	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-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	02/21/2023	ND	384	96.0	400	8.00		

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	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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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:	02/21/2023	Sampling Date:	02/20/2023
Reported:	02/23/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 179 W 2-4FT (H230788-33)

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	02/22/2023	ND	2.24	112	2.00	11.8		
Toluene*	<0.050	0.050	02/22/2023	ND	2.37	119	2.00	17.1		
Ethylbenzene*	<0.050	0.050	02/22/2023	ND	1.99	99.7	2.00	2.40		
Total Xylenes*	<0.150	0.150	02/22/2023	ND	6.08	101	6.00	3.24		
Total BTEx	<0.300	0.300	02/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/21/2023	ND	384	96.0	400	8.00		

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	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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

Company Name: <u>Ameyden</u>		P.O. #: <u>20220920-2300-Water</u>		ANALYSIS REQUEST		
Project Manager: <u>Andrew Parker</u>		Company: <u>Ameyden</u>				
Address: <u>On-File</u>		Attn: <u>aparker@ameyden.com</u>				
City: _____ State: _____ Zip: _____		Address: _____				
Phone #: _____ Fax #: _____		City: _____ State: _____ Zip: _____				
Project #: _____		Phone #: _____				
Project Name: <u>20220920-2300-Water</u>		Fax #: _____				
Project Location: <u>Peach River</u>						
Sampler Name: <u>Christopher Turner</u>						
FOR LAB USE ONLY						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING
<u>H230788</u>						
1 <u>GS-046NE</u>	<u>0-2ft</u>	<u>1</u>	<u>1</u>	<u>X</u>	<u>2.20.23</u>	<u>10:02</u>
2 <u>GS-046</u>	<u>2ft</u>					<u>10:06</u>
3 <u>GS-046SW</u>	<u>0-2ft</u>					<u>10:10</u>
4 <u>GS-120</u>	<u>2ft</u>					<u>10:13</u>
5 <u>GS-123</u>	<u>4ft</u>					<u>10:15</u>
6 <u>GS-123.1</u>	<u>6ft</u>					<u>10:19</u>
7 <u>GS-123.1SE</u>	<u>0-2ft</u>					<u>10:21</u>
8 <u>GS-123.1SE</u>	<u>2-4ft</u>					<u>10:24</u>
9 <u>GS-123.1SE</u>	<u>4-6ft</u>					<u>10:27</u>
10 <u>GS-124N</u>	<u>0-1ft</u>					<u>10:30</u>
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or 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 reasons or otherwise.</p>						
Relinquished By: <u>GA</u>	Date: <u>2.20.23</u>	Received By: <u>Andrew Parker</u>	Date: <u>2.21.23</u>	Time: <u>4:07</u>	Time: <u>4:07</u>	Time: <u>4:07</u>
Delivered By: <u>Andrew Parker</u>	Observed Temp. °C: <u>3.3</u>	Sample Condition: <u>Intact</u>	CHECKED BY: <u>Andrew Parker</u>	Time: <u>8:10</u>	Time: <u>8:10</u>	Time: <u>8:10</u>
Sampler - UPS - Bus - Other: _____	Corrected Temp. °C: <u>2.7</u>	Cool Intact: <u>Yes</u>	Time: <u>8:10</u>	Time: <u>8:10</u>	Time: <u>8:10</u>	Time: <u>8:10</u>
<p>REMARKS: _____</p>						
<p>Turnaround Time: _____ Standard _____ Bacteria (only) Sample Condition _____</p>						
<p>Thermometer ID #113 _____ Cool Intact: <u>Yes</u> _____ Observed Temp. °C: _____</p>						
<p>Correction Factor -0.6°C _____ No _____ Corrected Temp. °C: _____</p>						
<p>Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____</p>						
<p>All Results are emailed. Please provide Email address: _____</p>						

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amereplex		P.O. #: 20220220-2300-Water		BILL TO		ANALYSIS REQUEST	
Project Manager: Andrew Barker		City: Amereplex		Address: Amereplex			
Address: On-File		State: Amereplex		Zip: Amereplex			
Phone #: Amereplex		Fax #: Amereplex		Attn: Amereplex			
Project #: Amereplex		City: Amereplex		Address: Amereplex			
Project Name: 20220220-2300-Water		State: Amereplex		Zip: Amereplex			
Project Location: Amereplex		Phone #: Amereplex		Fax #: Amereplex			
Sample Name: Christopher Turner		FOR LAB USE ONLY					
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP.					
# CONTAINERS		GROUNDWATER					
WASTEWATER		SOIL					
OIL		SLUDGE					
OTHER :		ACID/BASE:					
ICE / COOL		OTHER :					
DATE		TIME					
11:30		10:32					
12:00		10:36					
13:00		10:40					
14:00		10:45					
15:00		10:49					
16:00		10:52					
17:00		10:56					
18:00		10:59					
19:00		11:03					
20:00		11:30					
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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, regardless of whether such claim is based upon any of the above stated reasons or otherwise.							
Relinquished By: Amereplex		Date: 2.20.23		Time: 4:07			
Relinquished By: Amereplex		Date: 2.21.23		Time: 2:10			
Delivered By: Amereplex		Observed Temp. °C 3.3		Corrected Temp. °C 2.7			
Sampler - UPS - Bus - Other:		Sample Condition		CHECKED BY: Amereplex			
		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
		Turnaround Time: Standard		Bacteria (only) <input checked="" type="checkbox"/> Sample Condition <input type="checkbox"/>			
		Thermometer ID #113 Rush		Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
		Correction Factor -0.6°C		Observed Temp. °C			
				Corrected Temp. °C			



Page 38 of 39

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

March 02, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 02/27/23 16:06.

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.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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:	02/27/2023	Sampling Date:	02/27/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 023 W 0-0.5FT (H230911-01)

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	03/01/2023	ND	2.04	102	2.00	4.16	
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20	
Total BTEX	<0.300	0.300	03/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/01/2023	ND	416	104	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	02/28/2023	ND	200	100	200	0.394	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	214	107	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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: 02/27/2023
 Reported: 03/02/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 02/27/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 121 0-2FT (H230911-02)

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	03/01/2023	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	03/01/2023	ND	416	104	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	02/28/2023	ND	200	100	200	0.394	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	214	107	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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:	02/27/2023	Sampling Date:	02/27/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 121 2-4FT (H230911-03)

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	03/01/2023	ND	2.04	102	2.00	4.16	
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20	
Total BTEX	<0.300	0.300	03/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7120	16.0	03/01/2023	ND	416	104	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	02/28/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

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

Received:	02/27/2023	Sampling Date:	02/27/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 121 4.5FT (H230911-04)

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	03/01/2023	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1120	16.0	03/01/2023	ND	416	104	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	02/28/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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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:	02/27/2023	Sampling Date:	02/27/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 121 5.5FT (H230911-05)

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	03/01/2023	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1340	16.0	03/01/2023	ND	416	104	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	02/28/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Analytical Results For:

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

Received:	02/27/2023	Sampling Date:	02/27/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 121 6FT (H230911-06)

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	03/01/2023	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20		
Total BTX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	03/01/2023	ND	416	104	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	02/28/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	02/28/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	02/28/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2023
 Reported: 03/02/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 02/27/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 122 0-2FT (H230911-07)

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	03/01/2023	ND	2.04	102	2.00	4.16	
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20	
Total BTEX	<0.300	0.300	03/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	03/01/2023	ND	416	104	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	03/01/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Analytical Results For:

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

Received:	02/27/2023	Sampling Date:	02/27/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 122 2-4FT (H230911-08)

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	03/01/2023	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/01/2023	ND	416	104	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	03/01/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

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

Received:	02/27/2023	Sampling Date:	02/27/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 122 4.5FT (H230911-09)

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	03/01/2023	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20		
Total BTEX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/01/2023	ND	416	104	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	03/01/2023	ND	222	111	200	1.33		
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	211	106	200	1.11		
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 119 E 0-0.5FT (H230911-10)

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	03/01/2023	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10		
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64		
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20		
Total BTX	<0.300	0.300	03/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	03/01/2023	ND	416	104	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	03/01/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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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:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 122 E 0-0.5FT (H230911-11)

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	03/01/2023	ND	2.04	102	2.00	4.16	
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20	
Total BTEx	<0.300	0.300	03/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	03/01/2023	ND	416	104	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	03/01/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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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:	02/27/2023	Sampling Date:	02/24/2023
Reported:	03/02/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 153 N 0-2FT (H230911-12)

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	03/01/2023	ND	2.04	102	2.00	4.16	
Toluene*	<0.050	0.050	03/01/2023	ND	2.00	99.9	2.00	4.10	
Ethylbenzene*	<0.050	0.050	03/01/2023	ND	1.92	96.1	2.00	4.64	
Total Xylenes*	<0.150	0.150	03/01/2023	ND	5.83	97.2	6.00	4.20	
Total BTEX	<0.300	0.300	03/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/01/2023	ND	416	104	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	03/01/2023	ND	222	111	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	211	106	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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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 "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

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



ANALYSIS REQUEST

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



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

March 08, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 02/28/23 16:14.

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.

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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 018 0-2FT (H230932-01)

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	03/02/2023	ND	2.07	103	2.00	17.2	
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6	
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	03/01/2023	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	03/07/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/07/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/07/2023	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 018 2-4FT (H230932-02)

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	03/02/2023	ND	2.07	103	2.00	17.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 018 4.5FT (H230932-03)

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	03/02/2023	ND	2.07	103	2.00	17.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 018 5.5FT (H230932-04)

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	03/02/2023	ND	2.07	103	2.00	17.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 020 0-1.5FT (H230932-05)

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	03/02/2023	ND	2.07	103	2.00	17.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4640	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 024 0-2FT (H230932-06)

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	03/02/2023	ND	2.07	103	2.00	17.2	
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6	
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3880	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 024 2-3FT (H230932-07)

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	03/02/2023	ND	2.07	103	2.00	17.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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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: 02/28/2023
 Reported: 03/08/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 02/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 026 0-2FT (H230932-08)

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	03/02/2023	ND	2.07	103	2.00	17.2	
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6	
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 026 2-3FT (H230932-09)

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	03/02/2023	ND	2.07	103	2.00	17.2	
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6	
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 059 0-2FT (H230932-10)

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	03/02/2023	ND	2.07	103	2.00	17.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6000	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 059 2-4FT (H230932-11)

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	03/02/2023	ND	2.07	103	2.00	17.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.9	2.00	17.4		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.95	97.5	2.00	19.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.15	102	6.00	20.6		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	03/01/2023	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	03/01/2023	ND	214	107	200	4.48	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	208	104	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

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

Received: 02/28/2023
 Reported: 03/08/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 02/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 059 4.5FT (H230932-12)

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	03/02/2023	ND	2.04	102	2.00	14.2	
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7	
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 060 4FT (H230932-13)

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	03/02/2023	ND	2.04	102	2.00	14.2		
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7		
Total BTEx	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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:	02/28/2023	Sampling Date:	02/28/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 103 3FT (H230932-14)

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	03/02/2023	ND	2.04	102	2.00	14.2	
Toluene*	<0.050	0.050	03/02/2023	ND	2.00	99.8	2.00	14.3	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	1.94	96.8	2.00	13.9	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	5.89	98.2	6.00	12.7	
Total BTEx	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/01/2023	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	03/01/2023	ND	227	113	200	3.55	
DRO >C10-C28*	<10.0	10.0	03/01/2023	ND	216	108	200	3.65	
EXT DRO >C28-C36	<10.0	10.0	03/01/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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.
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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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

Company Name: <u>Amereder</u>		BILL TO		P.O. #: <u>2022 0920-2300-water</u>		ANALYSIS REQUEST	
Project Manager: <u>Andrew Packer</u>		Company: <u>Amereder</u>		State: <u>NM</u>			
Address: <u>On-File</u>		Attn: <u>A.Packer@amereder.com</u>		City: <u>Hobbs</u>			
City: <u>Hobbs</u>		Address: <u></u>		State: <u>NM</u>			
Phone #: <u></u>		City: <u></u>		Zip: <u></u>			
Fax #: <u></u>		State: <u></u>		Phone #: <u></u>			
Project #: <u></u>		Project Owner: <u></u>		Fax #: <u></u>			
Project Name: <u>2022 0920-2300-water</u>		State: <u></u>		Zip: <u></u>			
Project Location: <u>Beach River</u>		Phone #: <u></u>					
Sampler Name: <u>Jesus Palomares</u>		Fax #: <u></u>					
FOR LAB USE ONLY		PRESERV		SAMPLING			
Lab I.D. <u>Sample I.D.</u>		(G)RAB OR (C)OMP.		# CONTAINERS			
Matrix: <u>GROUNDWATER</u>		WASTEWATER		SOIL			
OIL		SLUDGE		OTHER :			
ACID/BASE:		ICE / COOL		OTHER :			
DATE		TIME		Chloride			
TPH (GRO+DRO+MRO)							
BTEX (Benzene)							
1		08:07		✓			
2		08:16		✓			
3		08:29		✓			
4		08:44		✓			
5		08:57		✓			
6		09:17		✓			
7		09:31		✓			
8		09:44		✓			
9		09:57		✓			
10		10:18		✓			

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Relinquished By: <u>[Signature]</u>	Date: <u>04-28-2023</u>	Received By: <u>[Signature]</u>	Date: <u>04-28-2023</u>
Time: <u>1414</u>	Time: <u>1414</u>	Time: <u>1414</u>	Time: <u>1414</u>
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <u>3.0</u>	Corrected Temp. °C: <u>2.4</u>	Sample Condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Turnaround Time: <u>TEMP Blank: 3.3c</u>	Thermometer ID #113	Correction Factor -0.6°C	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
	Bacteria (only) Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No	Observed Temp. °C	Corrected Temp. °C

REMARKS: TEMP Blank: 3.3c

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

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



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

March 06, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 03/01/23 16:23.

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.

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".

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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 013 4FT (H230968-01)

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	03/03/2023	ND	1.98	99.1	2.00	16.2	
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2	
Total BTX	<0.300	0.300	03/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/03/2023	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	03/02/2023	ND	240	120	200	24.7	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	228	114	200	33.2	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 016 4FT (H230968-02)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	03/03/2023	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	03/02/2023	ND	240	120	200	24.7		
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	228	114	200	33.2		
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 017 4FT (H230968-03)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEx	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-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	03/03/2023	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	03/02/2023	ND	240	120	200	24.7	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	228	114	200	33.2	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 054 7FT (H230968-04)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/03/2023	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	03/02/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 053 7FT (H230968-05)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEx	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	03/03/2023	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	03/02/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 054N 0-2FT (H230968-06)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	03/03/2023	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	03/02/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 054N 2-4FT (H230968-07)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/03/2023	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	03/02/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 054N 4-6FT (H230968-08)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	03/03/2023	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	03/02/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 055 7FT (H230968-09)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	03/03/2023	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	03/02/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 056 7FT (H230968-10)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEx	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/03/2023	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	03/02/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 057 7FT (H230968-11)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEx	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	03/03/2023	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	03/02/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 058 3FT (H230968-12)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEx	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/03/2023	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	03/03/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 58.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.1 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 076.1 4FT (H230968-13)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEx	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	03/03/2023	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	03/03/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

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

Received:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 076.1W 2-4FT (H230968-14)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

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	03/03/2023	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	03/03/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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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:	03/01/2023	Sampling Date:	03/01/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 076.1W 0-2FT (H230968-15)

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	03/03/2023	ND	1.98	99.1	2.00	16.2		
Toluene*	<0.050	0.050	03/03/2023	ND	1.97	98.4	2.00	12.9		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	1.96	98.2	2.00	13.4		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	5.96	99.3	6.00	14.2		
Total BTEx	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	03/02/2023	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	03/03/2023	ND	185	92.4	200	3.52	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	195	97.7	200	0.0686	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

1082

Company Name: Amerdev		P.O. # 2020920-2300-wtr	
Project Manager: Andrew Parker		Company: AEP	
Address: On-File		Attn: Send to	
City:	State:	Zip:	Address: aparker@
Phone #:	Fax #:	Project Owner:	City: amerdev.com
Project #: 2020920-2300-wtr		State:	Zip:
Project Location: Peach River		Phone #:	
Sampler Name: Jacob Saenz		Fax #:	
BILL TO			
ANALYSIS REQUEST			
FOR LAB USE ONLY			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS
H2309168			
1	65-013	4FT	C
2	65-016	4FT	1
3	65-017	4FT	
4	65-054	7FT	
5	65-053	7FT	
6	65-054N	0-2FT	
7	65-054N	2-4FT	
8	65-054N	4-6FT	
9	65-055	7FT	
10	65-056	7FT	
		MATRIX	PRESERV
		GROUNDWATER	
		WASTEWATER	
		SOIL	
		OIL	
		SLUDGE	
		OTHER:	
		ACID/BASE:	
		ICE / COOL	
		OTHER:	
		DATE	TIME
		3/1/23	4:10pm
		8:20am	
		8:30am	
		8:45am	
		8:55am	
		9:15am	
		9:35am	
		9:25am	
		9:45am	
		10am	
		CHLORIDE	
		TPH (GRO+DRO+MRO)	
		BENZENE, BTEX	
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Relinquished By: SAENZ		Received By: Andrew Parker	
Date: 3-1-23		Time: 10:23	
Relinquished By: SAENZ		Received By: Andrew Parker	
Date: 3-1-23		Time: 10:23	
Delivered By: (Circle One)		Sample Condition	
Sampler - UPS - Bus - Other: 3.7c/3.1c		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
		No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	
		No <input type="checkbox"/>	
CHECKED BY: 98		REMARKS: Cooley temp blank - 1.3c	



Answered

BILL TO

ANALYSIS REQUEST

202

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

March 08, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 03/02/23 13:14.

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.

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:	03/02/2023	Sampling Date:	03/02/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 007 0-2FT (H230976-01)

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	03/03/2023	ND	2.03	102	2.00	2.08	
Toluene*	<0.050	0.050	03/03/2023	ND	2.06	103	2.00	3.41	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.22	111	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.92	115	6.00	0.261	
Total BTEX	<0.300	0.300	03/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	03/02/2023	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	03/03/2023	ND	185	92.3	200	7.15	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	176	87.8	200	8.41	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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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:	03/02/2023	Sampling Date:	03/02/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 007 2-4FT (H230976-02)

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	03/03/2023	ND	2.03	102	2.00	2.08	
Toluene*	<0.050	0.050	03/03/2023	ND	2.06	103	2.00	3.41	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.22	111	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.92	115	6.00	0.261	
Total BTEX	<0.300	0.300	03/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	03/02/2023	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	03/03/2023	ND	185	92.3	200	7.15	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	176	87.8	200	8.41	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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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:	03/02/2023	Sampling Date:	03/02/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 014 0-2FT (H230976-03)

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	03/03/2023	ND	2.03	102	2.00	2.08		
Toluene*	<0.050	0.050	03/03/2023	ND	2.06	103	2.00	3.41		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.22	111	2.00	1.41		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.92	115	6.00	0.261		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	03/02/2023	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	03/03/2023	ND	185	92.3	200	7.15	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	176	87.8	200	8.41	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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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:	03/02/2023	Sampling Date:	03/02/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 014 2-4FT (H230976-04)

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	03/03/2023	ND	2.03	102	2.00	2.08		
Toluene*	<0.050	0.050	03/03/2023	ND	2.06	103	2.00	3.41		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.22	111	2.00	1.41		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.92	115	6.00	0.261		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

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	03/02/2023	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	03/03/2023	ND	185	92.3	200	7.15		
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	176	87.8	200	8.41		
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND						

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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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:	03/02/2023	Sampling Date:	03/01/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 028 6FT (H230976-05)

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	03/03/2023	ND	2.03	102	2.00	2.08	
Toluene*	<0.050	0.050	03/03/2023	ND	2.06	103	2.00	3.41	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.22	111	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.92	115	6.00	0.261	
Total BTEX	<0.300	0.300	03/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

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	03/02/2023	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	03/03/2023	ND	185	92.3	200	7.15	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	176	87.8	200	8.41	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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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: 03/02/2023
 Reported: 03/08/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 03/02/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 075.2 5FT (H230976-06)

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	03/03/2023	ND	2.02	101	2.00	9.99	
Toluene*	<0.050	0.050	03/03/2023	ND	1.99	99.7	2.00	9.31	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.02	101	2.00	9.57	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.33	106	6.00	9.53	
Total BTEX	<0.300	0.300	03/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

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	03/02/2023	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	03/03/2023	ND	185	92.3	200	7.15	
DRO >C10-C28*	<10.0	10.0	03/03/2023	ND	176	87.8	200	8.41	
EXT DRO >C28-C36	<10.0	10.0	03/03/2023	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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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.
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

Company Name: <u>Amerclev</u> Project Manager: <u>Andrew Parker</u> Address: <u>On-File</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>20220920-2300-water</u> Project Location: <u>Peach Riser</u> Sampler Name: <u>Christopher Turner</u> FOR LAB USE ONLY		BILL TO P.O. #: <u>20220920-2300-water</u> Company: <u>Amerclev</u> Attn: <u>aparker@amerclev.com</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST	
Lab I.D. _____ Sample I.D. _____ <u>#3300716</u>		FOR LAB USE ONLY			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By: _____ Date: <u>03.02.2023</u> Relinquished By: <u>GA</u> Date: <u>13/4</u> Received By: <u>Speckmeyer</u> Received By: _____ Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <u>5.3</u> Corrected Temp. °C <u>4.7</u> Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>SK</u> Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Correction Factor -0.6°C <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Sample Condition Observed Temp. °C _____ Corrected Temp. °C _____		Matrix (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/> DATE TIME <u>03.02.23</u> <u>10:30</u> <u>03.01.23</u> <u>10:00</u> <u>03.02.23</u> <u>9:45</u>		Chlorite <input checked="" type="checkbox"/> TPH (GRO+DRO+MRO) <input checked="" type="checkbox"/> BTEX (Benzene) <input checked="" type="checkbox"/>	



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

March 08, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 03/03/23 15:24.

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.

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".

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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 005 0-2FT (H230988-01)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 005 2-4FT (H230988-02)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 007 4.5FT (H230988-03)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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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: 03/03/2023
 Reported: 03/08/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 03/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS - 007NE 0-0.5FT (H230988-04)

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	03/06/2023	ND	2.04	102	2.00	4.40		
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45		
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48		
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95		
Total BTEX	<0.300	0.300	03/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

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	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 008W 0-0.5FT (H230988-05)

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	03/06/2023	ND	2.04	102	2.00	4.40	
Toluene*	<0.050	0.050	03/06/2023	ND	2.09	104	2.00	5.45	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.15	107	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	6.52	109	6.00	6.95	
Total BTX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

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	03/06/2023	ND	432	108	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 009 0-2FT (H230988-06)

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	03/06/2023	ND	1.93	96.7	2.00	1.94		
Toluene*	<0.050	0.050	03/06/2023	ND	2.10	105	2.00	1.26		
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.32	116	2.00	1.67		
Total Xylenes*	<0.150	0.150	03/06/2023	ND	7.19	120	6.00	3.43		
Total BTEX	<0.300	0.300	03/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	03/06/2023	ND	448	112	400	0.00	QM-07	

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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 009 2-4FT (H230988-07)

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	03/06/2023	ND	1.93	96.7	2.00	1.94	
Toluene*	<0.050	0.050	03/06/2023	ND	2.10	105	2.00	1.26	
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.32	116	2.00	1.67	
Total Xylenes*	<0.150	0.150	03/06/2023	ND	7.19	120	6.00	3.43	
Total BTEX	<0.300	0.300	03/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

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	03/06/2023	ND	448	112	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 014E 0-0.5FT (H230988-08)

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	03/06/2023	ND	1.93	96.7	2.00	1.94		
Toluene*	<0.050	0.050	03/06/2023	ND	2.10	105	2.00	1.26		
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.32	116	2.00	1.67		
Total Xylenes*	<0.150	0.150	03/06/2023	ND	7.19	120	6.00	3.43		
Total BTEX	<0.300	0.300	03/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

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	03/06/2023	ND	448	112	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 019 2FT (H230988-09)

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	03/06/2023	ND	1.93	96.7	2.00	1.94		
Toluene*	<0.050	0.050	03/06/2023	ND	2.10	105	2.00	1.26		
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.32	116	2.00	1.67		
Total Xylenes*	<0.150	0.150	03/06/2023	ND	7.19	120	6.00	3.43		
Total BTX	<0.300	0.300	03/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

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	03/06/2023	ND	448	112	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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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:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS - 075.3 3FT (H230988-10)

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	03/06/2023	ND	1.93	96.7	2.00	1.94		
Toluene*	<0.050	0.050	03/06/2023	ND	2.10	105	2.00	1.26		
Ethylbenzene*	<0.050	0.050	03/06/2023	ND	2.32	116	2.00	1.67		
Total Xylenes*	<0.150	0.150	03/06/2023	ND	7.19	120	6.00	3.43		
Total BTEX	<0.300	0.300	03/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	03/06/2023	ND	448	112	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	03/06/2023	ND	215	107	200	13.1	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	215	108	200	9.15	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

Company Name: <u>Ameyev</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Andrew Parker</u>		P.O. #: <u>2020120-2800-Water</u>			
Address: <u>On-File</u>		Company: <u>Ameyev</u>			
City: _____ State: _____ Zip: _____		Attn: <u>aparker@ameyev.com</u>			
Phone #: _____ Fax #: _____		Address: _____			
Project #: _____ Project Owner: _____		City: _____			
Project Name: <u>2020120-2800-Water</u>		State: _____ Zip: _____			
Project Location: <u>Peach River</u>		Phone #: _____			
Sampler Name: <u>Chris Turner</u>		Fax #: _____			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH (GRO+DRO+MRO)	BTEX (Benzene)	ANALYSIS REQUEST			
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						ICE / COOL	OTHER :		
<u>H230988</u>																			
1	GAS-005	6-2FT	1			X						3.3.23	10:15	X	X	X			
2	GAS-005	2-4FT	1									10:30	10:45						
3	GAS-007	4.5FT	1									11:00	11:15						
4	GAS-007	0-0.5FT	1									11:30	11:45						
5	GAS-008W	0-0.5FT	1									12:00	12:00						
6	GAS-009	0-2FT	1									1:00	1:00						
7	GAS-009	2-4FT	1									1:15	1:15						
8	GAS-014E	0-0.5FT	1																
9	GAS-014	2FT	1																
10	GAS-075.3	3FT	1																

Relinquished By: _____		Date: <u>3.3.23</u>	Received By: <u>Speck</u>
Relinquished By: _____		Date: <u>3.3.23</u>	Received By: _____
Delivered By: (Circle One)		Observed Temp. °C: <u>3.2</u>	Sample Condition: <u>Intact</u>
Sampler - UPS - Bus - Other: _____		Corrected Temp. °C: <u>2.8</u>	Checked By: <u>SK</u>
Turnaround Time: _____		Thermometer ID: #113	Standard <u>Rush</u>
Correction Factor -0.6°C		Bacteria (only) <u>Yes</u>	Sample Condition <u>Intact</u>
		Corrected Temp. °C: _____	Observed Temp. °C: _____



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March 10, 2023

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH RISER

Enclosed are the results of analyses for samples received by the laboratory on 03/06/23 16:04.

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.

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".

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:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-001 3FT (H231017-01)

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	03/09/2023	ND	2.04	102	2.00	2.84		
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70		
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27		
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91		
Total BTEX	<0.300	0.300	03/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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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:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-001N 0-2FT (H231017-02)

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	03/09/2023	ND	2.04	102	2.00	2.84	
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70	
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27	
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91	
Total BTEX	<0.300	0.300	03/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-001N 2-3FT (H231017-03)

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	03/09/2023	ND	2.04	102	2.00	2.84		
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70		
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27		
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91		
Total BTEX	<0.300	0.300	03/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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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:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-002 2FT (H231017-04)

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	03/09/2023	ND	2.04	102	2.00	2.84	
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70	
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27	
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91	
Total BTEx	<0.300	0.300	03/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

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

Received:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-003 2FT (H231017-05)

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	03/09/2023	ND	2.04	102	2.00	2.84		
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70		
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27		
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91		
Total BTEx	<0.300	0.300	03/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

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

Received:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-003W 0-2FT (H231017-06)

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	03/09/2023	ND	2.04	102	2.00	2.84		
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70		
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27		
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91		
Total BTEx	<0.300	0.300	03/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received: 03/06/2023
 Reported: 03/10/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 03/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS-004 2FT (H231017-07)

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	03/09/2023	ND	2.04	102	2.00	2.84	
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70	
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27	
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91	
Total BTEx	<0.300	0.300	03/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

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	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Analytical Results For:

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

Received:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-004E 0-2FT (H231017-08)

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	03/09/2023	ND	2.04	102	2.00	2.84		
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70		
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27		
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91		
Total BTEX	<0.300	0.300	03/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received: 03/06/2023
 Reported: 03/10/2023
 Project Name: PEACH RISER
 Project Number: 20220920-2300-WATER
 Project Location: NONE GIVEN

Sampling Date: 03/06/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: GS-011 2FT (H231017-09)

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	03/09/2023	ND	2.04	102	2.00	2.84	
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70	
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27	
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91	
Total BTEx	<0.300	0.300	03/09/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-012.1 2.5FT (H231017-10)

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	03/09/2023	ND	2.04	102	2.00	2.84		
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70		
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27		
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91		
Total BTEx	<0.300	0.300	03/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/09/2023	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	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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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:	03/06/2023	Sampling Date:	03/06/2023
Reported:	03/10/2023	Sampling Type:	Soil
Project Name:	PEACH RISER	Sampling Condition:	Cool & Intact
Project Number:	20220920-2300-WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: GS-012.2 2.5FT (H231017-11)

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	03/09/2023	ND	2.04	102	2.00	2.84		
Toluene*	<0.050	0.050	03/09/2023	ND	2.05	102	2.00	2.70		
Ethylbenzene*	<0.050	0.050	03/09/2023	ND	2.02	101	2.00	2.27		
Total Xylenes*	<0.150	0.150	03/09/2023	ND	6.22	104	6.00	2.91		
Total BTEX	<0.300	0.300	03/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	03/09/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/09/2023	ND	179	89.6	200	4.20	
DRO >C10-C28*	<10.0	10.0	03/09/2023	ND	179	89.6	200	6.62	
EXT DRO >C28-C36	<10.0	10.0	03/09/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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.

A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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

Company Name: <u>Amerex</u>		P.O. #: <u>28209-2300-water</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Andrew Parker</u>		Company: <u>Amerex</u>					
Address: <u>bx-File</u>		Attn: <u>Andrew Parker</u>					
City: _____ State: _____ Zip: _____		Address: _____					
Phone #: _____ Fax #: _____		City: _____					
Project #: _____ Project Owner: _____		State: _____ Zip: _____					
Project Location: <u>Peach River</u>		Phone #: _____					
Sampler Name: <u>Christopher Turner</u>		Fax #: _____					
FOR LAB USE ONLY		PRESERV.		SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	
<u>H231017</u>							
1 <u>GAS-001</u>	<u>3FT</u>	<u>G</u>	<u>1</u>	GROUNDWATER	<u>5.6.23</u>	<u>10:00</u>	<u>X</u>
2 <u>GAS-001N</u>	<u>0-2FT</u>			WASTEWATER		<u>10:15</u>	<u>X</u>
3 <u>GAS-001N</u>	<u>2-3FT</u>			SOIL		<u>10:25</u>	<u>X</u>
4 <u>GAS-002</u>	<u>2FT</u>			OIL		<u>10:35</u>	<u>X</u>
5 <u>GAS-003</u>	<u>2FT</u>			SLUDGE		<u>10:50</u>	<u>X</u>
6 <u>GAS-003W</u>	<u>0-2FT</u>			OTHER:		<u>11:10</u>	<u>X</u>
7 <u>GAS-004</u>	<u>2FT</u>			ACID/BASE:		<u>11:30</u>	<u>X</u>
8 <u>GAS-004E</u>	<u>0-2FT</u>			ICE / COOL		<u>11:37</u>	<u>X</u>
9 <u>GAS-011</u>	<u>2FT</u>			OTHER:		<u>11:45</u>	<u>X</u>
10 <u>GAS-012.1</u>	<u>2.5FT</u>					<u>12:00</u>	<u>X</u>
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or 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 reasons or otherwise.</p>							
Relinquished By: <u>[Signature]</u>		Date: <u>5/16/23</u>		Received By: <u>[Signature]</u>		Date: <u>5/16/23</u>	
Relinquished By: <u>[Signature]</u>		Date: <u>5/16/23</u>		Received By: <u>[Signature]</u>		Date: <u>5/16/23</u>	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: <u>[Signature]</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact		Thermometer ID #113	
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor -0.5°C	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Turnaround Time: _____	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Cool Intact	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Observed Temp. °C	
				Yes <input type="checkbox"/> No <input type="checkbox"/>		Corrected Temp. °C	
REMARKS:							
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____							
All Results are emailed. Please provide Email address: _____							

FORM-006 R-3-3-07/16/22

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 206208

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 206208
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Deferral Request Approved. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue. The OCD will not close a release, where contaminants are left in place, due to close proximity to equipment. The incident will only be closed after all contaminated soil has been remediated to meet OCD Spill Rule Standards.	5/12/2023