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

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

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

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

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

QUESTIONS

Action 149926

QUESTIONS

Operator:	OGRID:
AMEREDEV OPERATING, LLC	372224
2901 Via Fortuna	Action Number:
Austin, TX 78746	149926
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source		
Please answer all of the questions in this group.		
Site Name	20221002-0859-water Lucid Riser	
Date Release Discovered	10/02/2022	
Surface Owner	State	

Incident Details		
Please answer all of the questions in this group.		
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			
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.			
Crude Oil Released (bbls) Details	Not answered.		
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 56 BBL Recovered: 0 BBL Lost: 56 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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 149926

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Operator:	OGRID:
AMEREDEV OPERATING, LLC	372224
2901 Via Fortuna	Action Number:
Austin, TX 78746	149926
	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	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	Mike Bratcher; Enviro OCD		
If YES, was immediate notice given to the OCD, when	10/02/2022		
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	Email		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.			

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped True		
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	

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

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

ACKNOWLEDGMENTS

Action 149926

ACKNOWLEDGMENTS

Operator:	OGRID:
AMEREDEV OPERATING, LLC	372224
2901 Via Fortuna	Action Number:
Austin, TX 78746	149926
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

V	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
V	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.
V	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.
~	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.
~	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.
V	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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 149926

CONDITIONS

Operator:	OGRID:
AMEREDEV OPERATING, LLC	372224
2901 Via Fortuna	Action Number:
Austin, TX 78746	149926
	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.	10/10/2022

Responsible Party: Ameredev Operating, LLC

District I
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District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2228349573
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

OGRID: 372224

Contact Name: Shane McNeely		Conta	ct Telephone: (737) 300-4700		
Contact email: smcneely@ameredev.com				Incide	ent # (assigned by OCD) nAPP2228349573
Contact mailing address: 2901 Via Fortuna, Suite 600 Austin, Texas 78746					
			Location	of Release	e Source
Latitude 32.0	376166		(NAD 83 in dec	Longitu	decimal places)
Site Name 20	0221002-085	9-water Lucid Ri	ser	Site Ty	ype Pipeline ROW
Date Release	Discovered:	October 2, 2022		API# (if applicable)
Unit Letter	Section	Township	Range	(County
M	16	26S	36E		Lea
Nature and Volume of Release Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below) Crude Oil Volume Released (bbls) Volume Recovered (bbls)					
Produced	Water	Volume Release	d (bbls) 56 bbls		Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in produced water >10,000 mg/l?		hloride in the	⊠ Yes □ No	
Condensa	Condensate Volume Released (bbls)			Volume Recovered (bbls)	
Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)		units)	Volume/Weight Recovered (provide units)		
Cause of Rele	ease: Failur	re of polypile at ris	ser.		'

Received by OCD: 12/28/2022 11:29:51 AM State of New Mexico
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Incident ID	nAPP2228349573
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Was this a major release as defined by	If YES, for what reason(s) does the respon >25 bbls	sible party consider this a major release?
19.15.29.7(A) NMAC?		
⊠ Yes □ No		
If VES was immediate n	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	on 10/2/2022 by Andrew Parker	om: when and by what means (phone, eman, etc):
	Initial Re	sponse
The responsible	party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
The impacted area ha	s been secured to protect human health and t	he environment.
Released materials ha	ave been contained via the use of berms or di	kes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain w	hy:
		mediation immediately after discovery of a release. If remediation
- 1		fforts have been successfully completed or if the release occurred ease attach all information needed for closure evaluation.
		est of my knowledge and understand that pursuant to OCD rules and
regulations all operators are	required to report and/or file certain release notifi	cations and perform corrective actions for releases which may endanger
failed to adequately investig	ate and remediate contamination that pose a threa	CD does not relieve the operator of liability should their operations have t to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	f a C-141 report does not relieve the operator of r	esponsibility for compliance with any other federal, state, or local laws
Printed Name:Andrew	Parker	Title: _Env. Scientist
0.1	<u></u>	
Signature:	Nahan	Date:October 5, 2022
email: <u>aparker@amere</u>	dev.com	Telephone: _970-570-9535
OCD Only		
	ocelyn Harimon	Date:12/28/2022
Received by.		Duc

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Spill Dimensions to Volume of Release			
Input	volume of affected soil	[feet^3]	9070.38
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.10
Outnut	volume of fluid	[feet^3]	317.5
Output	Output		2374.8
		Barrels	56.5

From GIS		
Sq. Ft	11337.97	
Depth (ft)	0.8	
Cu. Ft	9070.376	

of New Mexico

Incident ID	nAPP2228349573
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? Plate 2	<u>>100</u> (ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? Plate 4	☐ Yes ⊠ No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? Plate 4	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? Plate 5	☐ Yes ⊠ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? Plate 3	☐ Yes ⊠ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? Plate 3	☐ Yes ⊠ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? Plate 3	☐ Yes ⊠ No	
Are the lateral extents of the release within 300 feet of a wetland? Plate 6	☐ Yes ⊠ No	
Are the lateral extents of the release overlying a subsurface mine? Plate 7	☐ Yes ⊠ No	
Are the lateral extents of the release overlying an unstable area such as karst geology? Plate 8	☐ Yes ⊠ No	
Are the lateral extents of the release within a 100-year floodplain? Plate 9	☐ Yes ⊠ No	
Did the release impact areas not on an exploration, development, production, or storage site?	⊠ Yes □ No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and 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 		

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.

Topographic/Aerial maps

Photographs including date and GIS information

□ Laboratory data including chain of custody

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Incident ID	nAPP2228349573
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 Parker	Title: Env. Scientist	
Signature: Mary or hor	Date:December 28, 2022	
email: <u>aparker@ameredev.com</u>	Telephone: 970-570-9535	
OCD Only Received by: Jocelyn Harimon	Date: 12/28/2022	

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Incident ID	nAPP2228349573
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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) 	
<u>Deferral Requests Only</u> : Each of the following items must be confirmed as part of any request for deferral of remediation.	
☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.	
Extents of contamination must be fully delineated.	
☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Andrew Parker Title: Env. Scientist	
Signature: December 28, 2022	
email: <u>aparker@ameredev.com</u> Telephone: <u>970-570-9535</u>	
OCD Only	
Received by: Jocelyn Harimon Date:12/28/2022	
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved	
Signature: Date: 01/24/2023	



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

December 28, 2022

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

RE: Closure Report and Deferral Request

Incident ID: nAPP2228349573

Lucid Riser

AEP #: 20221002-0859-water

NMOCD:

Ameredev Operating submits this deferral request for the above referenced incident. We respectfully ask NMOCD for

- 1. Remediation deferral around production equipment and utilities within the right-of-way (ROW).
- 2. Ameredev has completed remediation and restoration of all other areas off-site, within the right-of-way, to meet regulatory closure criteria.

Included in this report is the characterization data and remediation activities for incident number nAPP2228349573. The release occurred on October 2, 2022 from failure of a polyline at riser. The calculated volume of released produced water was 56.5 barrels. The release occurred offsite on a pipeline right-of-way (ROW) for oil and gas operations. The release is located on State and Fee surface. The release did not impact surface or groundwater. Communications, including notification of major release, are included in Appendix A.

Figure 1 (included in Figures section following this text) shows the source of the release at the booster pump. Portions of the release flowed into an open trench under construction for future pipeline installation. Depth of the pipeline trench is approximately 4.5-feet.

Incident ID: nAPP2228349573

Lucid Riser

AEP #: 20221002-0859-water

1. Characterization

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

1.1. Site Map

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

Plate 1 shows the release extent relative to the Lucid Riser, pipeline ROW, production equipment, and nearby utilities. The source of the release is located at 32.0376166, - 103.2785371 (Lat, Long; NAD83). The release extent covered an area of approximately 11,377 sq. ft.

1.2. Depth to Ground Water

The depth to water well nearest to the release area is mapped on Plate 2:

• MISC-416 (J-00051 POD 2) is located 0.42-miles northwest from the release. Depth of the water is noted as 270-feet. The well was drilled for exploratory purposes and plugged. The DTW information is included in the well plugging plan presented in Appendix B.

1.3. Wellhead Protection Area

Plate 3 shows that the release extent is:

- Not within incorporated municipal boundaries or within a defined municipal fresh water well field.
- Not within ½-mile private and domestic water sources (wells and springs).
- Not within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes
- Not within 1000 feet of any other fresh water well or spring.

1.4. Distance to Nearest Significant Water Course

Plate 4 shows that the release extent is:

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



Incident ID: nAPP2228349573

Lucid Riser

AEP #: 20221002-0859-water

1.5. Soil/Waste Characteristics

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

The release occurred in the Pyote soils and Dune land association with a slope of 0 - 3% ¹. The USDA Natural Resources Conservation Service (NRCS) soil survey describes the upper 5-feet of the Pyote lithology as

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

And the Dune land lithology as

- A 0 to 6 inches: fine sand
- C 6 to 60 inches: fine sand

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

2. Remediation & Restoration

The release extent was divided into sample grids not representing an area greater than 200 sq ft. A soil sample was collected from each off-site grid base and along excavation walls for laboratory analysis of chloride, TPH, Benzene, and BTEX. In sample grids where field screening suggested that Closure Criteria were met, samples were obtained for delineation. Included in Appendix A is the 48-hour sampling notification.

Ameredev continued to excavate the release extent until the bases and walls met Closure Criteria per Table 1 of 19.15.29 NMAC as defined below. In sample grids where analysis of delineation samples met Closure Criteria, excavation was not required. Ameredev respectfully asks for deferral (discussed in Section 3) around areas of production equipment and utilities that would cause destabilization or major facility deconstruction.

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



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

Incident ID: nAPP2228349573 Lucid Riser

AEP #: 20221002-0859-water

- BTEX < 50 mg/kg
- Benzene < 10 mg/kg
- Plates 10a and 10b show the sample grid layout with square footage.
- Plates 11a and 11b show the confirmation/delineation sample locations.
- Table A shows the coordinates of the sample points.
- Table B presents a summary of analytical.
- Appendix C contains the Laboratory Certificates of Analysis

Figures 2 through 8 are photographs that are representative of remedial excavation activities.

3. Deferral Request

Ameredev Operating respectfully asks NMOCD for deferral of remediation of the area immediately surrounding production equipment and utilities where such equipment prevented complete remediation without major facility deconstruction or destabilization as well as risking human health.

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.

The areas within production equipment, where deferral is requested, the top 0.25-feet of impacted material was excavated to remove the mass load of chloride. The material was hauled off-site to an approved disposal facility. The release extent within and surrounding the deferred area was comprehensively sampled for vertical and horizontal delineation to support deferral request.

Remediation deferral is requested where:

- Production equipment (Figure 2 through 5) prevented complete remediation of all or a portion of base grids
 - GS-10 GS-19
 - GS-13 GS-23
 - GS-14 GS-25
 - GS-18 GS-26.
- A solar panel prevented remediation at risk of destabilization that includes base grid GS-25.



Incident ID: nAPP2228349573 Lucid Riser

AEP #: 20221002-0859-water

• A light pole (Figure 2), critical for remote nighttime monitoring of the pipeline riser, prevented complete remediation at risk for destabilization including portions of base grids GS-31 and GS-32. This area was delineated with base confirmation samples GS-30, GS-31 and GS-32.

Plates 10a and 11a show the areas described above as "Remediation Deferred/Production Equipment" in relation to sample grids and sample points.

Figures 9 and 10 represent final surface restoration. Approximately 806 cu. yrds. of material was excavated and hauled off-site to an approved disposal facility.

The Off-Site/ROW areas were remediated and reclaimed per 19.15.29.13 A-D NMAC. Reseeding will occur at the next favorable growing season. The release extent within the deferred areas with production equipment/utilities will be remediated, restored, and reclaimed per 19.15.29.13.A-D NMAC when the production equipment is no longer in-use for oil and gas operations.

Please contact me with any questions.

Sincerely,

Ameredev II, LLC

Andrew Parker Env. Scientist



Figures





Figure 1: Image from remote camera the morning of the release. The pipeline trench under construction is visible in photo foreground. Remote camera is viewing north-northeast. The booster pump was removed during remediation. 10/02/2022. 32.0373624, -103.2785949



Figure 2: Photograph of deferral request area of production equipment and utilities. Photograph is viewing north-northeast. 11/22/2022. 32.0373064, -103.2786517.





Figure 3: Excavation around pipeline riser, solar panel, and supporting utilities. Photo is viewing northwest. 11/22/2022. 32.0375283, -103.2785425.



Figure 4: Photo of excavation at northern end of pipeline construction trench. Photo is viewing south. Utility equipment is visible photo right. 11/17/2022. 32.0376767, -103.2785560





Figure 5: Photo of pipeline construction trench, viewing north. The trench was excavated prior to the release. 11/17/2022. 32.0376751, -103.2785449



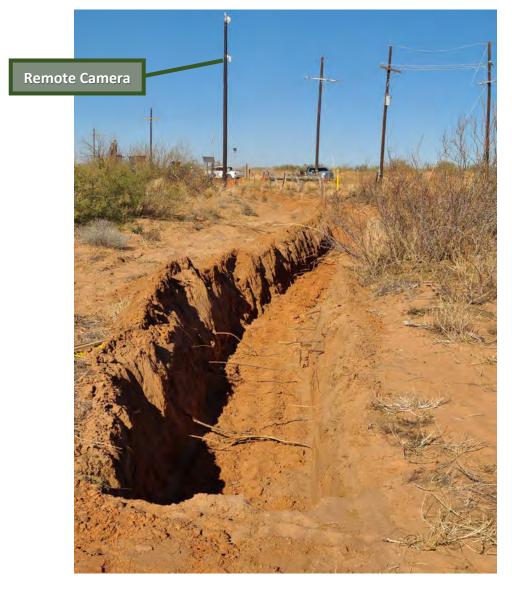


Figure 6: Photo viewing northeast from the southeast excavation extent. The remote camera is visible on the utility pole near the top of the photo. 11/17/2022.~32.0367557, -103.2788136





Figure 7: The southwest excavation extent is visible in photo background. Photo is viewing southwest. 11/22/2022. 32.0376614, -103.2786283





Figure 8: Northern excavation extent. Photo is viewing south-southwest. 11/22/2022. 32.0376958, -103.2784631



Figure 9: View of reclamation from northern extent, facing south. 12/09/2022. 32.0378897, -103.2785452



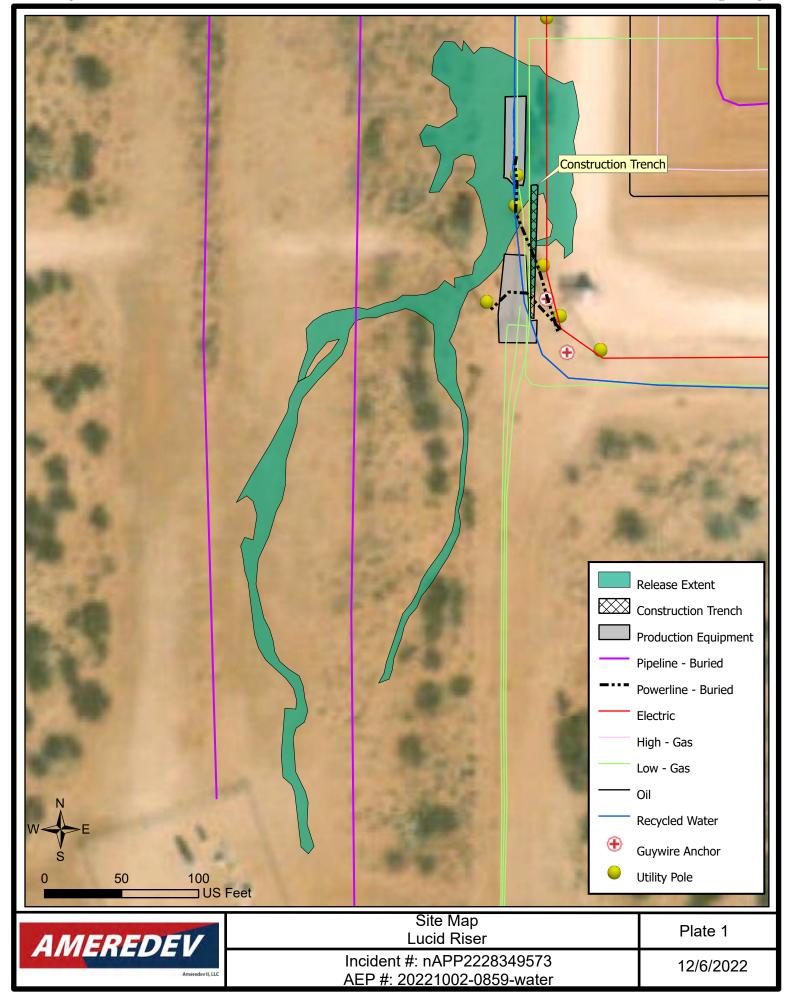


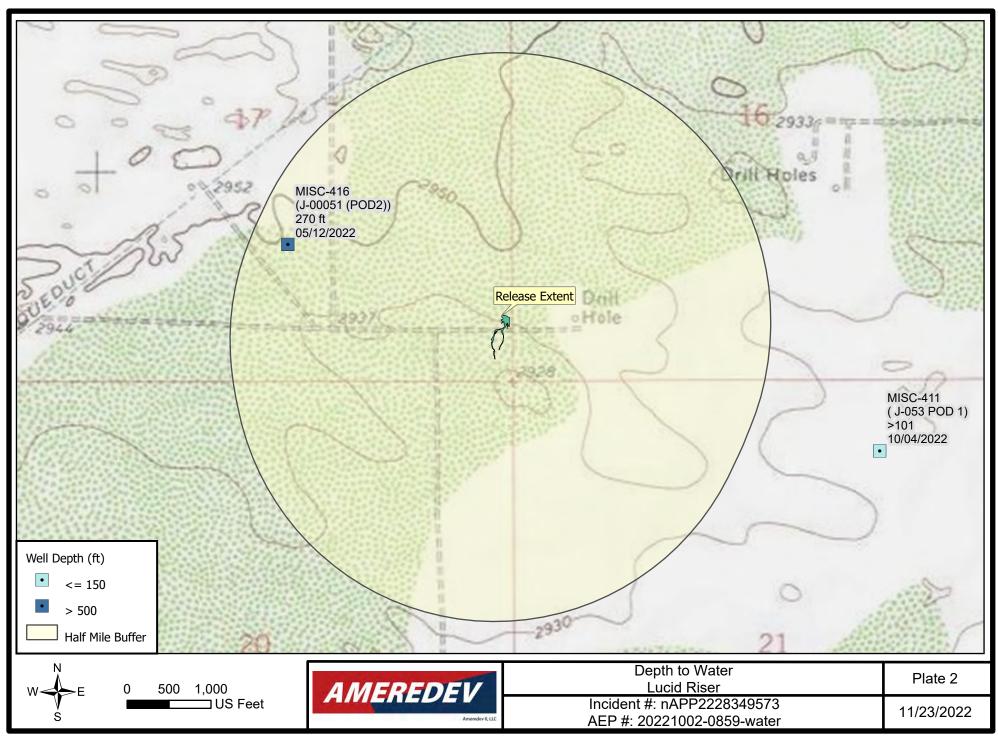
Figure 10: View of southern release extent reclamation facing southeast. 12/09/2022. 32.0373856, -103.2787455

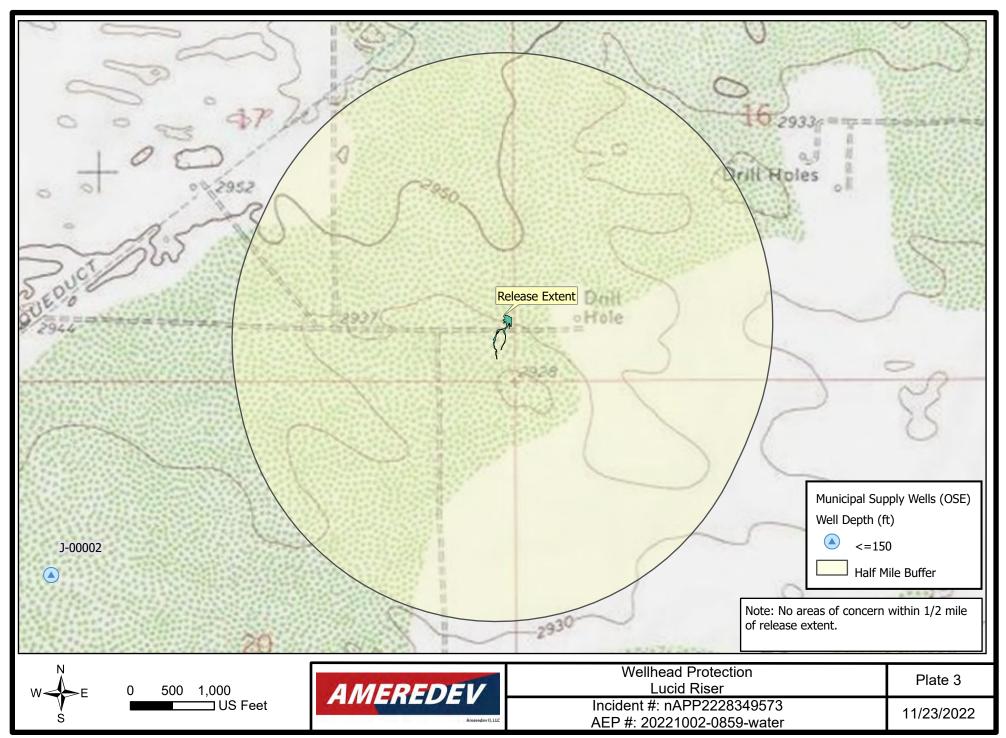


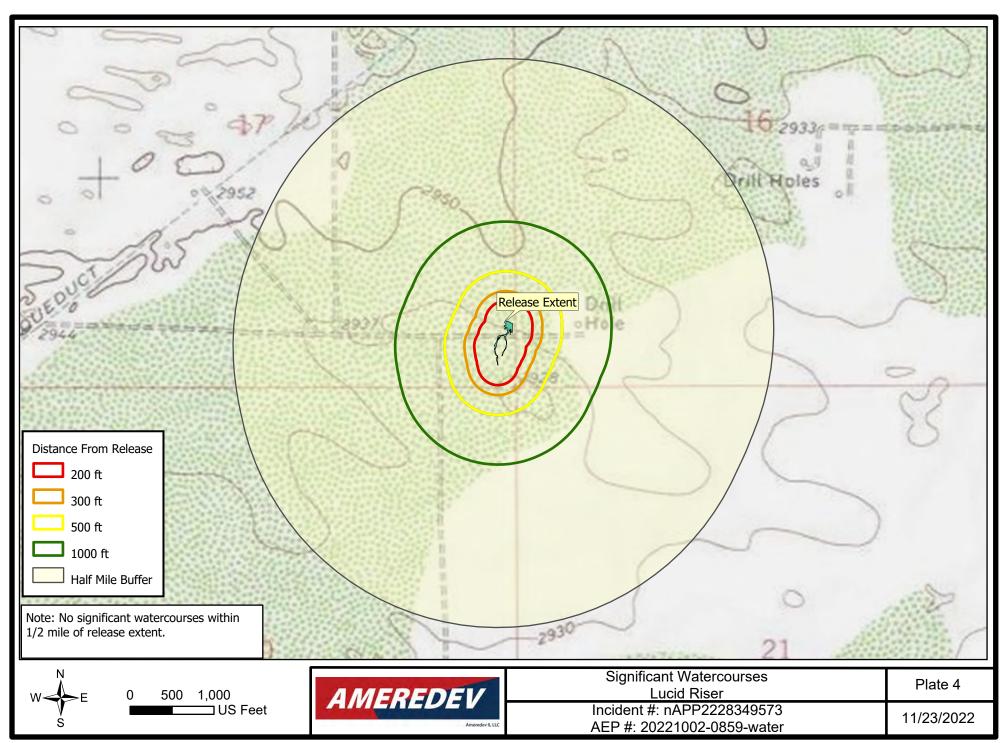
Plates

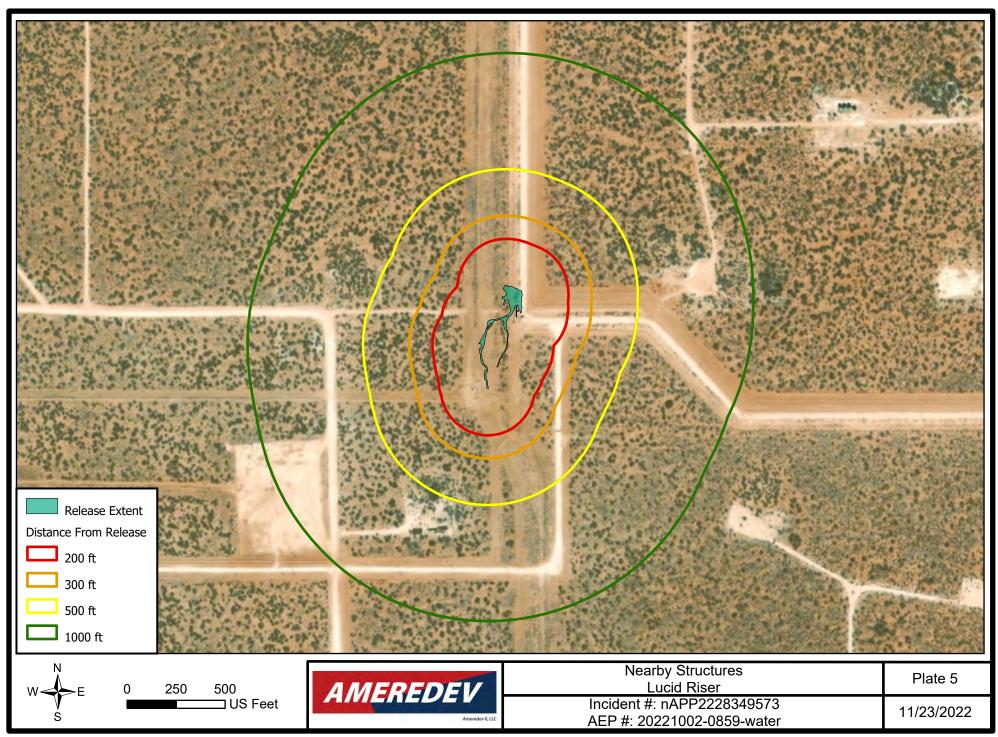


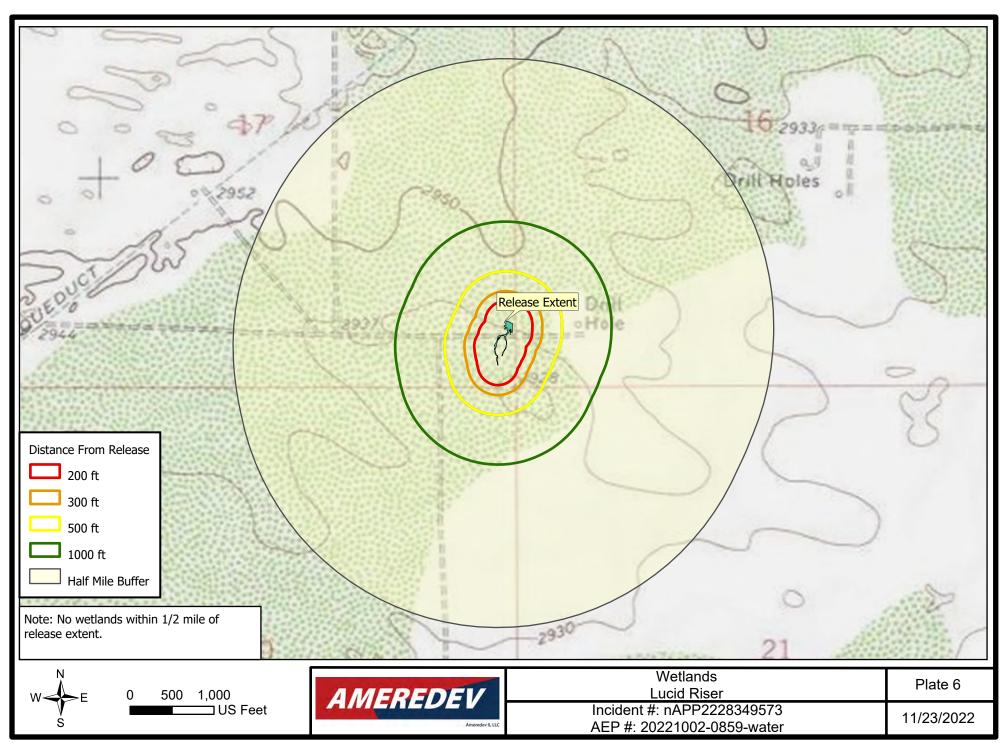


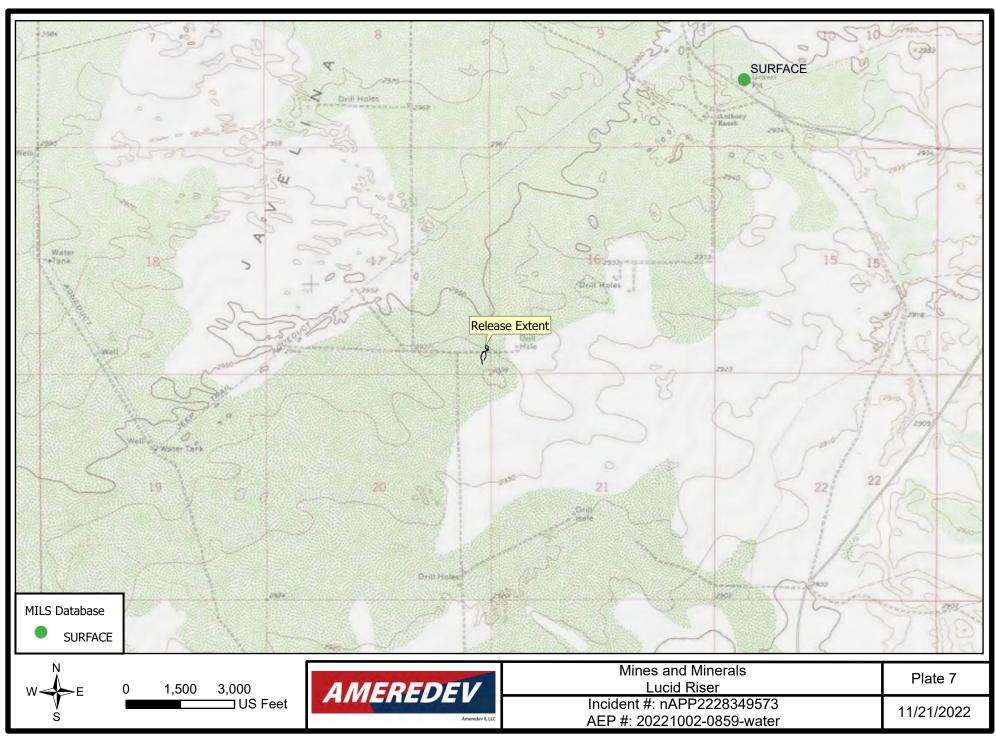


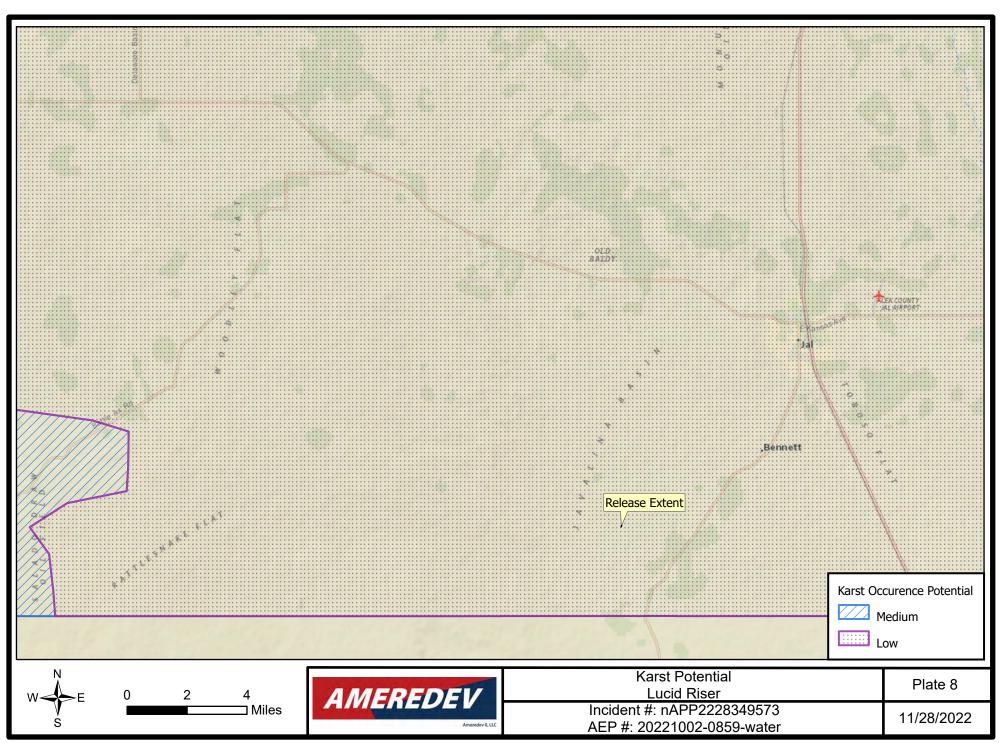


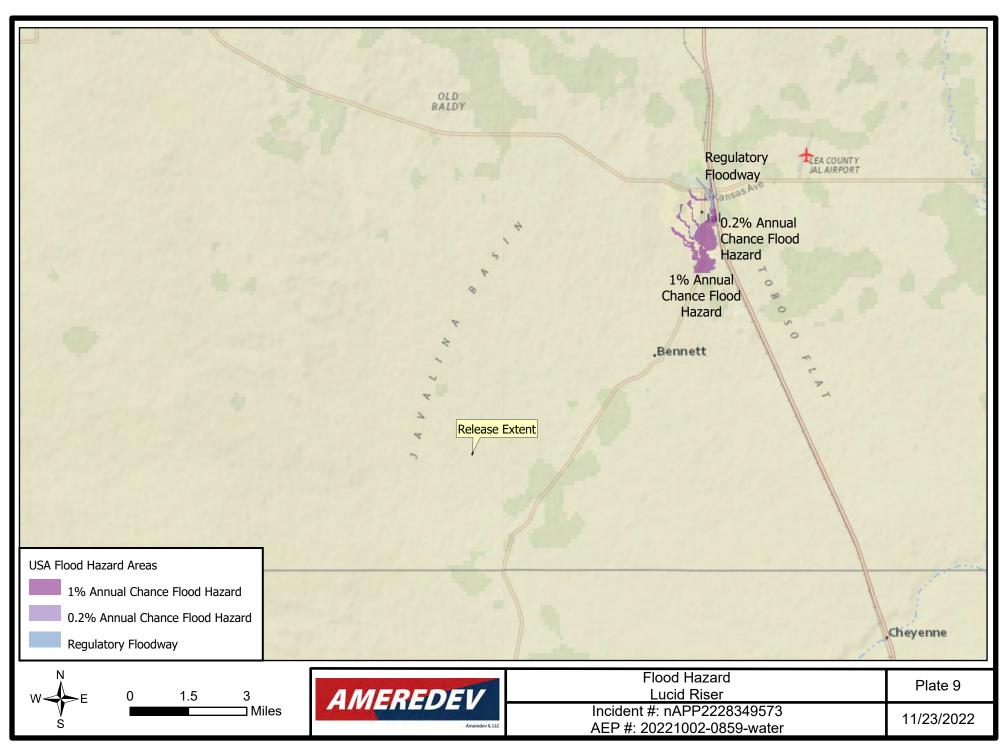


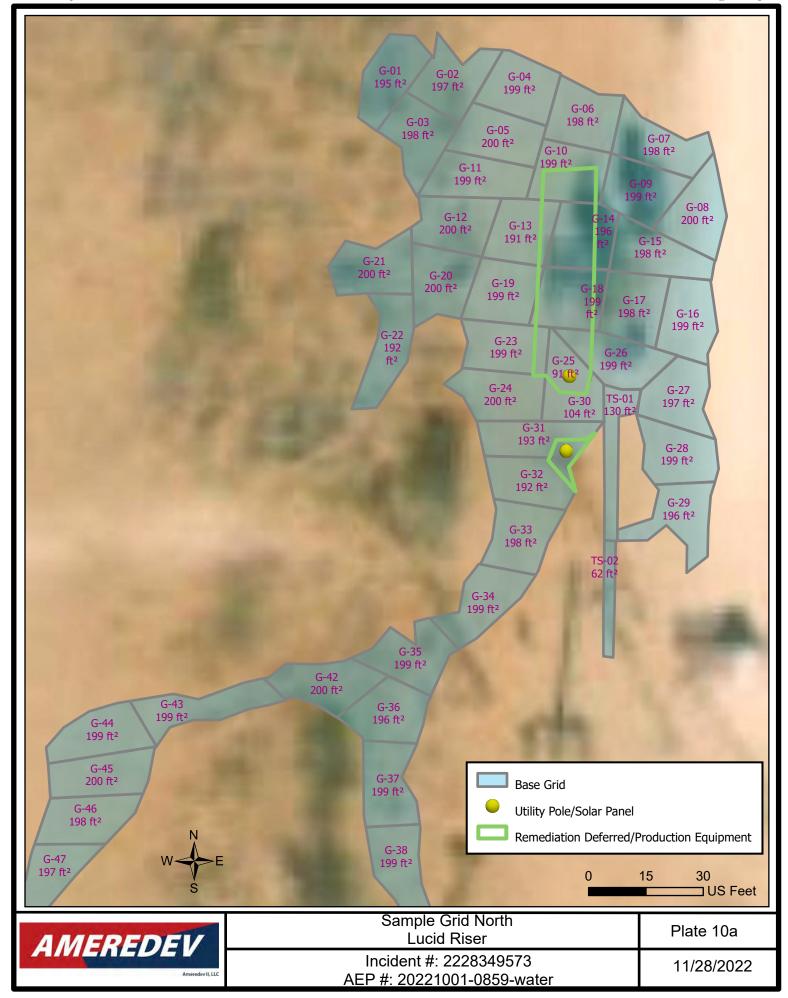


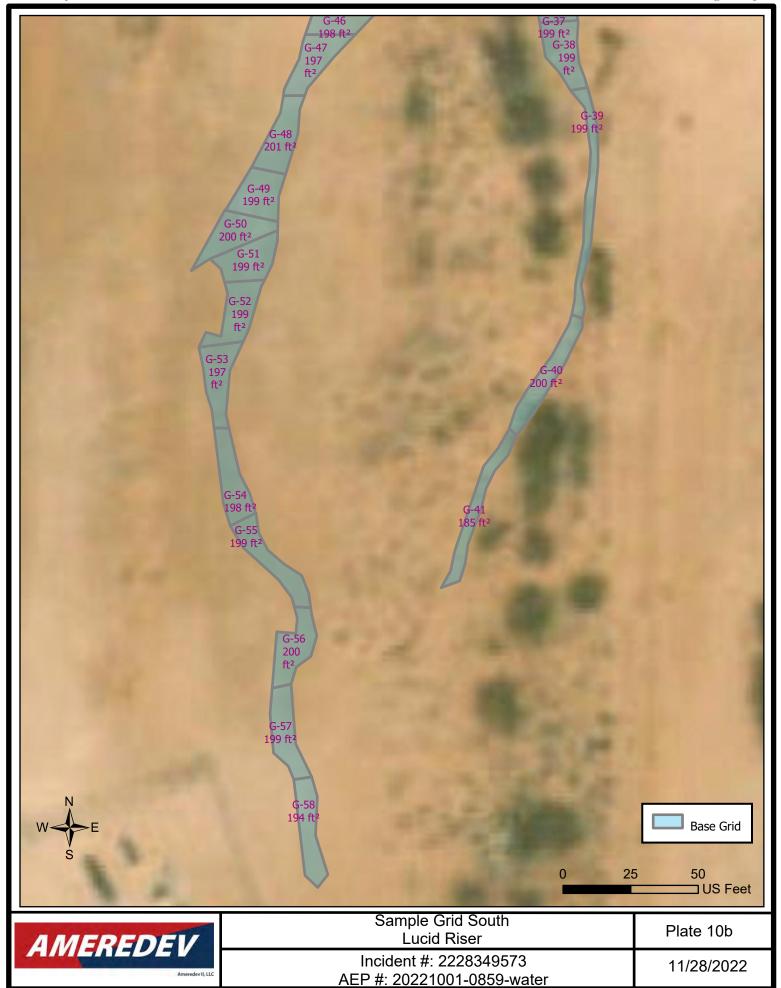




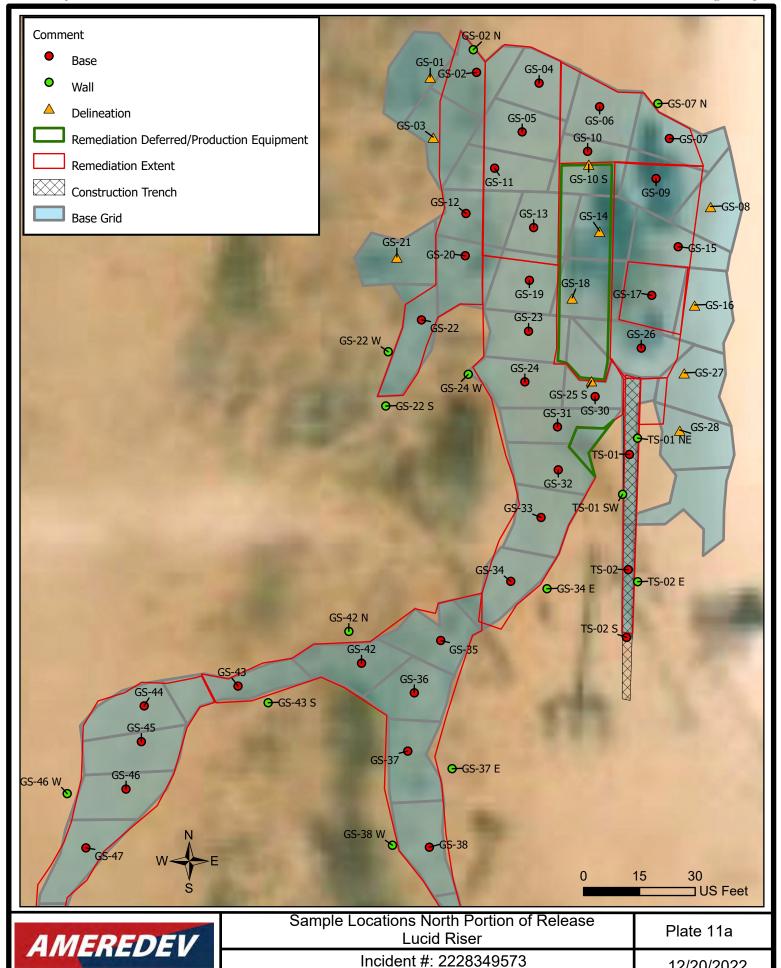




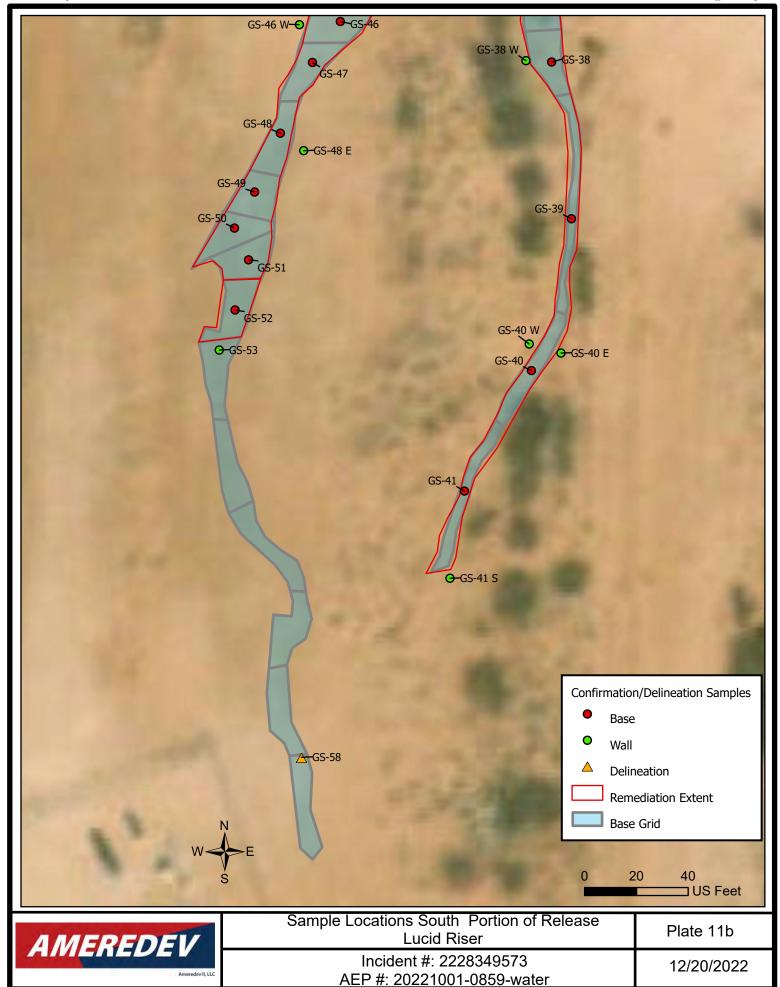




12/20/2022



AEP #: 20221001-0859-water



Tables



Incident ID: nAPP2228349 Tige 39 of 196 Lucid Riser

AEP #: 20221002-0859-water

Sample Points	Latitude	Longitude
GS-01	32.03773152	-103.27866237
GS-02	32.03773341	-103.27862217
GS-03	32.03768986	-103.27864597
GS-04	32.03772669	-103.27857608
GS-05	32.03769626	-103.27858855
GS-06	32.03771195	-103.27853151
GS-07	32.03769210	-103.27848013
GS-07 N	32.03771392	-103.27848856
GS-08	32.03764970	-103.27844978
GS-09	32.03766712	-103.27848995
GS-10	32.03768409	-103.27854033
GS-10 S	32.03767615	-103.27853956
GS-11	32.03767359	-103.27860882
GS-12	32.03764588	-103.27861854
GS-13	32.03763652	-103.27858011
GS-14	32.03763427	-103.27853152
GS-15	32.03762453	-103.27847366
GS-16	32.03758821	-103.27846159
GS-17	32.03759420	-103.27849309
GS-18	32.03759263	-103.27855176
GS-19	32.03760357	-103.27858320
GS-20	32.03761892	-103.27863047
GS-21	32.03761817	-103.27868082
GS-22	32.03757885	-103.27866271
GS-22 S	32.03752511	-103.27868898
GS-22 W	32.03755899	-103.27868720
GS-23	32.03757177	-103.27858385
GS-24	32.03754019	-103.27858657
GS-24 W	32.03754491	-103.27862826
GS-25 S	32.03754092	-103.27853752
GS-26	32.03756124	-103.27850082
GS-27	32.03754586	-103.27846924
GS-28	32.03751009	-103.27847251
GS-30	32.03753099	-103.27853482
GS-31	32.03751208	-103.27856254
GS-32	32.03748526	-103.27856196
GS-33	32.03745551	-103.27857462
GS-34	32.03741565	-103.27859695
GS-34 E	32.03741103	-103.27857023
GS-35	32.03737870	-103.27864852
GS-36	32.03734603	-103.27866797
GS-37	32.03730964	-103.27867279
GS-37 E	32.03729868	-103.27864014
GS-38	32.03724964	-103.27865689
GS-38 W	32.03725088	-103.27868408
GS-39	32.03710913	-103.27863600
GS-40	32.03697303	-103.27867829
GS-40 E	32.03698873	-103.27864699
GS-40 W	32.03699684	-103.27868064
GS-41	32.03686496	-103.27874911
GS-41 S	32.03678682	-103.27876438
GS-42	32.03736453	-103.27870685

Sample Points	Latitude	Longitude
GS-42 N	32.03738438	-103.27871619
GS-43	32.03735024	-103.27879783
GS-43 S	32.03733985	-103.27877564
GS-44	32.03733787	-103.27886692
GS-45	32.03731556	-103.27886902
GS-46	32.03728594	-103.27888034
GS-46 W	32.03728311	-103.27892364
GS-47	32.03724923	-103.27890986
GS-48	32.03718583	-103.27894381
GS-48 E	32.03717019	-103.27891918
GS-49	32.03713311	-103.27897100
GS-50	32.03710077	-103.27899234
GS-51	32.03707228	-103.27897747
GS-52	32.03702733	-103.27899169
GS-53	32.03699140	-103.27900841
GS-58	32.03662636	-103.27892147
TS-01	32.03749487	-103.27850955
TS-01 NE	32.03750499	-103.27850357
TS-01 SW	32.03746997	-103.27851458
TS-02	32.03742293	-103.27851043
TS-02 E	32.03741542	-103.27850348
TS-02 S	32.03738062	-103.27851168

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Table B Summary of Analytical Incident ID: nAPP2228349573 Lucid Riser AEP #: 20221002-0859-water

Sample ID	Date	Discrete Depth	Top Depth	Bottom Depth	Location		GRO+DRO	TPH Ext.	Benzene	ВТЕХ	Comments	Lab	Lab#
		(Feet)	(Feet)	(Feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		(Hall/Cardinal)	
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600		100	10	50			
> 4 ft or "in-use"	10/0/0000	-			5011	20,000	1,000	2,500	10	50			
TS-01	10/2/2022	5			ROW	9330	<134.1	<144.1	0.174	1.7	Removed	Cardinal	H224596
TS-01 TS-01 NE	11/18/2022 10/2/2022	5.5	0	4	ROW ROW	4680 16	<42.8 <20	<52.8 <30	<0.05 <0.05	<0.30	Confirmation Confirmation	Cardinal Cardinal	H225474 H224596
TS-01 NE	10/2/2022	4.5	0	4	ROW	4320	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224596
TS-01 SW	10/2/2022	4.5	0	4	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224596
TS-01 SW	10/2/2022	4.5			ROW	5840	<28	<38	<0.05	<0.30	Confirmation	Cardinal	H224596
TS-02	10/2/2022	5			ROW	12300	<20	<30	<0.05	<0.30	Removed	Cardinal	H224596
TS-02	11/18/2022	5.5			ROW	4480	<55.1	<65.1	<0.05	<0.30	Confirmation	Cardinal	H225474
TS-02 E	10/2/2022		0	4	ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224596
TS-02 E	10/2/2022	4.5			ROW	5400	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224596
TS-02 S	10/2/2022	5			ROW	128	<20	<30	<0.05	<0.30	Confirmation/Delineation	Cardinal	H224596
GS-01	11/22/2022		0	2	ROW	32	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225527
GS-02	11/22/2022	2			ROW	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-02 N	11/22/2022		0	2	ROW	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-03	11/22/2022		0	2	ROW	<16	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225527
GS-04	11/18/2022	2			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-05	11/18/2022	2			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-06	11/18/2022	1			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-07	11/18/2022	1			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-07 N	11/18/2022		0	1	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-08	11/18/2022		0	2	ROW	96	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225474
GS-08	11/18/2022		2	3	ROW	32	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225474
GS-09	11/18/2022	3			ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-10	11/22/2022	1			ROW	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-10 S			0	0.25	ROW						Removed		
GS-10 S	11/22/2022		0.25	1	ROW	32	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225527
GS-11	11/18/2022	2			ROW	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-12	11/22/2022				ROW	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-13	11/18/2022	2			ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-14		_	0	0.25	ROW			100	10.00	10.00	Removed	Sur surriur.	
GS-14	11/22/2022		0.25	2	ROW	608	<20	<30	<0.05	<0.30	Core Delineation	Cardinal	H225527
GS-14	11/22/2022		2	4	ROW	32	<20	<30	<0.05	<0.30	Core Delineation	Cardinal	H225527
GS-15	11/18/2022	3			ROW	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-16	11/18/2022		0	2	ROW	64	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225474
GS-16	11/18/2022		2	3	ROW	80	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225474
GS-17	11/18/2022	3			ROW	64	<6594	<6623.9	<0.05	<0.30	Removed	Cardinal	H225474
GS-17	11/30/2022	4.5			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225606
	11/30/2022	4.5	0	0.35		52	<20	\30	\0.05	\U.3U		Carumai	HZZ3000
GS-18			0	0.25	ROW						Removed		

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Table B Summary of Analytical

Sample ID	Date	Discrete Depth	Top Depth	Bottom Depth	Location	Chloride	GRO+DRO	TPH Ext.	Benzene	BTEX	Comments	Lab	Lab#
		(Feet)	(Feet)	(Feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		(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-18	11/22/2022		0.25	2	ROW	528	<20	<30	<0.05	<0.30	Core Delineation	Cardinal	H225527
GS-18	11/22/2022		2	4	ROW	32	<20	<30	<0.05	<0.30	Core Delineation	Cardinal	H225527
GS-19	11/18/2022	2.5			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-20	11/22/2022	2			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-21	11/22/2022		0	2	ROW	16	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225527
GS-22	11/22/2022	2			ROW	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-22 S	11/22/2022		0	2	ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-22 W	11/22/2022		0	2	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-23	11/18/2022	2.5		_	ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-24	11/18/2022	2.5			ROW	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-24 W	11/22/2022	2.3	0	2	ROW	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
							<20						
GS-25 S	11/18/2022	2	0.25	2.5	ROW	1890		<30	<0.05	<0.30	Delineation	Cardinal	H225474
GS-26	11/18/2022	3	_	_	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-27	11/18/2022		0	2	ROW	32	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225474
GS-28	11/18/2022		0	2	ROW	16	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225474
GS-30	11/18/2022	2.5			ROW	32	<20	<30	<0.05	<0.30	Confirmation/Delineation	Cardinal	H225474
GS-31	11/18/2022	2.5			ROW	48	<20	<30	<0.05	<0.30	Confirmation/Delineation	Cardinal	H225474
GS-32	11/18/2022	2.5			ROW	48	<28	<38	<0.05	<0.30	Confirmation/Delineation	Cardinal	H225474
GS-33	11/18/2022	2.5			ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-34	11/18/2022	2.5			ROW	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-34 E	11/18/2022		0	2.5	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225474
GS-35	11/15/2022	4.25			ROW	5200	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-35	11/22/2022	5.5			ROW	1650	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H225526
GS-35	11/22/2022	8.5			ROW	576	<20	<30	<0.05	<0.30	Vertical Delineation	Cardinal	H225526
GS-36	11/15/2022	4.25			ROW	4240	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-37	11/15/2022	4.25	0	2	ROW ROW	320	<20 <20	<30 <30	<0.05 <0.05	<0.30	Confirmation Confirmation	Cardinal	H225402
GS-37 E GS-37 E	11/15/2022 11/15/2022		0 2	4	ROW	16 16	<20	<30	<0.05	<0.30 <0.30	Confirmation	Cardinal Cardinal	H225402 H225402
GS-38	11/15/2022	4.25		7	ROW	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-38 W	11/22/2022	5	0	2	ROW	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-38 W	11/22/2022		2	4	ROW	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-39	11/15/2022	4.25			ROW	3440	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-40	11/15/2022	4.25			ROW	1090	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-40 E	11/22/2022		0	2	ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-40 E	11/22/2022		2	4	ROW	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225527
GS-40 W	11/15/2022		0	2	ROW	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-40 W GS-41	11/15/2022 11/15/2022	4.25	2	4	ROW ROW	48 848	<20 <20	<30 <30	<0.05 <0.05	<0.30 <0.30	Confirmation Confirmation	Cardinal Cardinal	H225402 H225402
GS-41 S	11/15/2022	4.23	0	2	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-41 S	11/15/2022		2	4	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402

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Table B Summary of Analytical

Incident ID: nAPP2228349573	
Lucid Riser	
AEP #: 20221002-0859-water	

Sample ID	Date	Discrete Depth	Top Depth	Bottom Depth	Location	Chloride	GRO+DRO	TPH Ext.	Benzene	BTEX	Comments	Lab	Lab #
		(Feet)	(Feet)	(Feet)		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		(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-42	11/15/2022	4.25			ROW	6800	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-42	11/22/2022	5.5			ROW	1780	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225525
GS-42	11/22/2022	6.5			ROW	128	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225525
GS-42	11/22/2022	7.5			ROW	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225525
GS-42 N	11/15/2022		0	2	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-42 N	11/15/2022		2	4	ROW	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-43	11/15/2022	4.25			ROW	3640	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-43 S	11/15/2022		0	2	ROW	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-43 S	11/15/2022		2	4	ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-44	11/15/2022	2.5			ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-45	11/15/2022	2.5			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-46	11/15/2022	2.5			ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-46 W	11/15/2022		0	2	ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-47	11/15/2022	2.5			ROW	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-48	11/11/2022	2.5			ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225369
GS-48 E	11/15/2022		0	2	ROW	112	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225402
GS-49	11/11/2022	2.5			ROW	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225369
GS-50	11/11/2022	2.5			ROW	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225369
GS-51	11/11/2022	2.5			ROW	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225369
GS-52	11/11/2022	3			ROW	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225369
GS-53	11/11/2022		0	2	ROW	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H225369
GS-53	11/11/2022		2	3	ROW	32	<20	<30	<0.05	<0.30	Confirmation/Delineation	Cardinal	H225369
GS-58	11/11/2022		0	2	ROW	48	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225369
GS-58	11/11/2022		2	3	ROW	16	<20	<30	<0.05	<0.30	Delineation	Cardinal	H225369
Backfill 01	12/7/2022					80	<20	<30	<0.05	<0.30	Backfill	Cardinal	H225829
Topsoil 01	12/7/2022					16	<20	<30	<0.05	<0.30	Topsoil	Cardinal	H225829

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Appendix A

Communications



Andrew Parker

From: Andrew Parker

Sent: Thursday, November 3, 2022 3:07 PM

To: Enviro, OCD, EMNRD
Cc: Jesus Palomares

Subject: nAPP2228349573 48 hr sampling notice Lucid Riser 20221002-0859-water

NMOCD,

Please accept this email as the 48 hour sampling notice per 19.15.29 NMAC. Remediation and sampling are to begin November 8th and will continue through the remedial activities.

AEP#: 20221002-0859-water

Location: Lucid Riser

Incident #: nAPP2228349573

Thank you.

Andrew Parker Environmental Scientist 970-570-9535



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

Sent: Monday, October 10, 2022 2:46 PM **To:** Andrew Parker aparker@ameredev.com

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 149926

External (ocdonline@state.nm.us)

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#) nAPP2228349573, 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 nAPP2228349573, on all subsequent C-141 submissions and communications regarding the remediation of this release.

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

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

ocd.enviro@state.nm.us

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

To: Enviro, OCD, EMNRD; spills@slo.state.nm.us

Cc: <u>Dayeed Khan; Shane McNeely; Hansley Persad; Laura Parker; Jesus Palomares</u>

Subject: 24 hr major release notification Lucid Riser

Date: Sunday, October 2, 2022 4:38:14 PM

NMOCD,

Please accept this email as the 24-hour major release notification per 19.15.29 NMAC.

Location: Lucid Riser

UL "M", Sec. 16; T26S. R36E 103.2785371°W, 32.0376166°N

Surface: State Land

Date/Time of discovery: 10/02/2022 at 08:59 am

Treated Produced Water

Failure of polypipe at riser. Release has been stopped. Area secured.

Volume: >25 bbls Recovered: none.

AEP#: 20221002-0859-water.

Thank you,

Andrew Parker Environmental Scientist 970-570-9535



Appendix B

Well Logs





Mike A. Hamman, P.E.

State Engineer

DISTRICT II

1900 West Second St. Roswell, New Mexico 88201 Phone: (575) 622-6521

Fax: (575) 623-8559

May 23, 2022

City of Jal P.O. Box 340 Jal, NM 88252

RE: Well Plugging Plan of Operations for J-51-POD1 to POD3

Greetings:

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

- Plugging operations shall also be conducted in accordance with NMED, NMOCD, or other State or Federal agencies having oversight for the above described project.
- (2) In accordance with Subsection A of 19.27.4.29 NMAC, on-site supervision of well drilling/plugging by the holder of a New Mexico Well Driller License or a NMOSE-registered Drill Rig Supervisor is required. The New Mexico licensed Well Driller shall ensure that well drilling activities are completed in accordance with 19.27.4.29, 19.27.4.30, 19.27.4.31, 19.27.4.33 NMAC, and all specific conditions of approval. While conducting the well drilling activities, the Well Driller shall maintain a copy of the approved permit, conditions and Well Plugging Plan of Operations on-site and available for inspection upon request.
- (3) No more than 6 gallons water per 94 lb. sack Portland Cement
- (4) Any deviation from this plan <u>must</u> obtain an approved variance from this office prior to implementation.

Well Plugging Plan of Operations form (WD-08) has been updated. Current form can be found on the OSE website at the following link https://www.ose.state.nm.us/Statewide/wdForms.php.

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

Sincerely,

Kashyap Parekh

Water Resources Manager I



WELL PLUGGING PLAN OF OPERATIONS



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

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

I. FII	LING FEE: There is no fi	ling fee for this form	n.				
II. G	ENERAL / WELL OWN	ERSHIP: Ch	eek here if proposing one	e plan for multiple	monitoring wells on	the same site and	attaching WD-08m
	ing Office of the State En		er (Well Number)	for well to be	plugged: Explo	ratory borings	
	of well owner: City of J				Lon		topoo3
	ng address: PO Drawer 3			364	ounty: Lea		88252
City:					Rat	Zip code:	88252
Phone	number: (575) 395-3340		E-mail:	mayor@cityo	jai.us		
7-7-7	VELL DRILLER INFOR		To be contracted				
	Mexico Well Driller Licens				ation Date: Un	known	-
		-					
Note:	A copy of the existing We GPS Well Location:	Il Record for the we Latitude: Longitude:		should be attacl	ned to this plan.		
2)	Reason(s) for plugging	well(s):			OSE DIT M	AY 20 2022	M3:24
	Exploratory borings for s		2.1/ 15.27				
3)	Was well used for any ty what hydrogeologic pa- water, authorization from	rameters were mon	itored. If the wel	l was used to	monitor contan	ninated or poo	
4)	Does the well tap brack including analytical resu			ater? <u>unkno</u>	wn If yes, pr	rovide addition	nal detail,
5)	Static water level:	270feet bel	ow land surface / fe	et above land s	urface (circle	one)	

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

Depth of the well:

6)

7)	Inside diameter of innermost easing:NAinches.
8)	Casing material: NA; 6 3/4-in borehole only
9)	The well was constructed with: an open-hole production interval, state the open interval: a well screen or perforated pipe, state the screened interval(s):
10)	What annular interval surrounding the artesian casing of this well is cement-grouted? NA
11)	Was the well built with surface casing? If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? If yes, please describe:
12)	Has all pumping equipment and associated piping been removed from the well? N/A; unequipped If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.
v. D	ESCRIPTION OF PLANNED WELL PLUGGING: If plugging method differs between multiple wells on same site, a separate form must be completed for each method.
diagra as geop	If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed m of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such ohysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan. This planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.
1)	Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:
	Grout will be placed via tremie pipe from the bottom up.
2)	Will well head be cut-off below land surface after plugging? NA
VI. F	LUGGING AND SEALING MATERIALS:
	The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recovered the company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.
1)	For plugging intervals that employ cement grout, complete and attach Table A.
2)	For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
3)	Theoretical volume of grout required to plug the well to land surface: 9.20 cubic yards
4)	Type of Cement proposed: Type A Portland
5)	Proposed cement grout mix: 5.2 gallons of water per 94 pound sack of Portland cement.
6)	Will the grout be: batch-mixed and delivered to the site mixed on site SE DII MAY 20 2022 PM3:25

WD-08 Well Plugging Plan Version: July 31, 2019 Page 2 of 5

		weight relative to cement:	
8) Additional	notes and calculations:		
1			
VII. ADDITIONA	LINFORMATION: List additio	nal information below, or on separate sheet	t(s):
VIII. SIGNATUR I _. Paul Drakos (GG	I), Agent for the City of Jal	easy that I have corofully road the forescoin	
Engineer pertaining	to the plugging of wells and will c	of; that I am familiar with the rules and reg omply with them, and that each and all of to the best of my knowledge and belief.	g Well Plugging Plan of ulations of the State he statements in the Well
Engineer pertaining	to the plugging of wells and will c	of; that I am familiar with the rules and reg omply with them, and that each and all of to the best of my knowledge and belief.	ulations of the State
Engineer pertaining	to the plugging of wells and will c	of; that I am familiar with the rules and reg omply with them, and that each and all of t	ulations of the State the statements in the Well \$\int (12\)22
Engineer pertaining Plugging Plan of Op	to the plugging of wells and will c	of; that I am familiar with the rules and reg omply with them, and that each and all of to the best of my knowledge and belief.	ulations of the State the statements in the Well \$\int (12\)22
Engineer pertaining Plugging Plan of Op	to the plugging of wells and will corrations and attachments are true to the perations are true to the perations and attachments are true to the perations are true to the perature true true true true true true true	of; that I am familiar with the rules and reg omply with them, and that each and all of to the best of my knowledge and belief. Signature of Applicant	ulations of the State the statements in the Well \$\int (12\)22
Engineer pertaining Plugging Plan of Op IX. ACTION OF This Well Plugging.	to the plugging of wells and will corrations and attachments are true to the perations are true to the peration at the peration are true to the perat	of; that I am familiar with the rules and reg omply with them, and that each and all of to the best of my knowledge and belief. Signature of Applicant	ulations of the State the statements in the Well S(12/22 Date
Engineer pertaining Plugging Plan of Op IX. ACTION OF This Well Plugging.	to the plugging of wells and will corrations and attachments are true to the perations are true to the perations and attachments are true to the perations are true to the perature true true true true true true true	of; that I am familiar with the rules and reg omply with them, and that each and all of to the best of my knowledge and belief. Signature of Applicant OSE	ulations of the State the statements in the Well S(12/22 Date
Engineer pertaining Plugging Plan of Op IX. ACTION OF T This Well Plugging.	THE STATE ENGINEER: Plan of Operations is: Approved subject to the attached control of approved for the reasons provided to	of; that I am familiar with the rules and reg omply with them, and that each and all of to the best of my knowledge and belief. Signature of Applicant OSE Inditions. ed on the attached letter.	ulations of the State the statements in the Well S(12/22) Date DII MAY 20 2022 PM3:25
Engineer pertaining Plugging Plan of Op IX. ACTION OF T This Well Plugging.	THE STATE ENGINEER: Plan of Operations is: Approved subject to the attached control of approved for the reasons provided to	of; that I am familiar with the rules and reg omply with them, and that each and all of to the best of my knowledge and belief. Signature of Applicant OSE Inditions. ed on the attached letter.	ulations of the State the statements in the Well S(12/22) Date DII MAY 20 2022 PM3:25
Engineer pertaining Plugging Plan of Op IX. ACTION OF T This Well Plugging.	THE STATE ENGINEER: Plan of Operations is: Approved subject to the attached control of approved for the reasons provided to	Signature of Applicant OSE day of May Antonio Jr. P.E., New M.	Ulations of the State the statements in the Well S(12-(22) Date DII MAY 20 2022 PM3:25
Engineer pertaining Plugging Plan of Op IX. ACTION OF T This Well Plugging.	THE STATE ENGINEER: Plan of Operations is: Approved subject to the attached control of approved for the reasons provided to	Signature of Applicant OSE day of May Antonio Jr. P.E., New M.	Ulations of the State the statements in the Well S(12-(22) Date DII MAY 20 2022 PM3:25
Engineer pertaining Plugging Plan of Op IX. ACTION OF T This Well Plugging.	THE STATE ENGINEER: Plan of Operations is: Approved subject to the attached control of approved for the reasons provided to	Signature of Applicant OSE day of May Antonio Jr. P.E., New M.	Ulations of the State the statements in the Well S(12-(22) Date DII MAY 20 2022 PM3:25
Engineer pertaining Plugging Plan of Op IX. ACTION OF T This Well Plugging.	THE STATE ENGINEER: Plan of Operations is: Approved subject to the attached control of approved for the reasons provided to	Signature of Applicant OSE day of May A. Harmon	Ulations of the State the statements in the Well S(12-(22) Date DII MAY 20 2022 PM3:25

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

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	0		
Bottom of proposed interval of grout placement (ft bgl)	1000		
Theoretical volume of grout required per interval (gallons)	1857.87		
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement	5.2		
Mixed on-site or batch- mixed and delivered?	Delivered		
Grout additive 1 requested	NA		
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			OSE DII MAY 20 2022 M3:25
Additive 2 percent by dry weight relative to cement			U-DE UI: MHY 20 2022 PM 3:25

WD-08 Well Plugging Plan Version: July 31, 2019 Page 4 of 5

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

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

DSE DII MAY 20 2022 PM3:25



NEW MEXICO OFFICE OF THE STATE ENGINEER



ATTACHMENT to WD-08 Plan of Plugging MULTIPLE MONITORING WELL DESCRIPTIONS

This Attachment is to be completed if more than one (1) monitoring well is to be plugged using the same method.

Location (R	equired):								
☐ NM State Plane (NAD83) (Feet) ☐ NM West Zone ☐ NM Central Zone ☐ NM East Zone		UTM (NAD83) (Meters) Zone 13N Zone 12N		■ Lat/Long (WGS84) OTHER (allowable only for move-from descriptions - see application form for format) PLSS (quarters, section, township, range) Hydrographic Survey, Map & Tract Lot, Block & Subdivision Grant					
OSE POD Number:	Other Well ID:	X or Longitude (ddmmss):	Y or Latitude (ddmmss):	Other Location Info (PLSS):	Casing ID- (inches):	Depth to Water- (ft bgs):	Total well Depth- (ft bgs):	Grout Volume:	Surface Casing (Y or N):
	Location 2	-103°17' 8.3652"	32° 2' 22.9308	8"		270	1000	9.20 yd3	N
	Location 3	-103°17' 25.0548"	32° 2' 32.4924	4"		270	1000	9.20 yd3	N
							-		

DSE DII MAY 20 2022 M3:25

FOR OSE INTERNAL USE	Multiple Montioring POD Descriptions, Form wr-08m (Rev 7/31/19)
File Number:	Trn Number:
Trans Description (optional):	

Appendix C

Certificates of Analysis





October 10, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID RISER

Enclosed are the results of analyses for samples received by the laboratory on 10/03/22 16:05.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: TS - 01 5FT (H224596-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.174	0.050	10/08/2022	ND	2.01	101	2.00	1.15	
Toluene*	0.734	0.050	10/08/2022	ND	2.15	107	2.00	1.33	
Ethylbenzene*	0.200	0.050	10/08/2022	ND	1.96	97.9	2.00	1.46	
Total Xylenes*	0.595	0.150	10/08/2022	ND	5.84	97.3	6.00	1.04	
Total BTEX	1.70	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9330	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	16.1	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	118	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	121	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	165	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: TS - 01 NE 0-4FT (H224596-02)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	122	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	151	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: TS - 01 NE 4.5FT (H224596-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	123 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	150 9	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

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

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: NONE GIVEN

Sample ID: TS - 01 SW 0-4FT (H224596-04)

RTFY 8021R

B1EX 8021B	mg/	кg	Allalyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	122 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	148 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: TS - 01 SW 4.5FT (H224596-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	18.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	121 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	150 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: TS - 02 5FT (H224596-06)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12300	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	121	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	149	% 46.3-17	8						

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Analytical Results For:

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

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: TS - 02 E 0-4FT (H224596-07)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	113	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	138	% 46.3-17	8						

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Analytical Results For:

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

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: TS - 02 E 4.5FT (H224596-08)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	119	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	146	% 46.3-17	8						

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Analytical Results For:

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

Fax

Received: 10/03/2022 Sampling Date: 10/02/2022

Reported: 10/10/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: TS - 02 S 5FT (H224596-09)

BTEX 8021B

DIEX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/08/2022	ND	2.23	112	2.00	2.88	
Toluene*	<0.050	0.050	10/08/2022	ND	2.14	107	2.00	2.84	
Ethylbenzene*	<0.050	0.050	10/08/2022	ND	2.04	102	2.00	2.85	
Total Xylenes*	<0.150	0.150	10/08/2022	ND	6.15	103	6.00	1.95	
Total BTEX	<0.300	0.300	10/08/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/06/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2022	ND	193	96.6	200	2.89	
DRO >C10-C28*	<10.0	10.0	10/06/2022	ND	182	90.9	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/06/2022	ND					
Surrogate: 1-Chlorooctane	123	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	151	% 46.3-17	8						

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Notes and Definitions

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

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

ecovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10	
101 East Marland, Hobbs, NM (575) 393-2326 FAX (575) 39	bo
rland, Ho 2326 FA	rat
01 East Marland, Hobbs, NM (575) 393-2326 FAX (575) 393	OTION

₽S 88240 3-2476

245% 1 TS-01 Stt 2 TS-01/KE 0-4ft 3 TS-01/KE 0-4ft 5 TS-01/SW 0-4ft 5 TS-01/SW 0-4ft 7 TS-01/SW 0-4ft 7 TS-01/SW 0-4ft 9 TS-01/S 0-4ft 10-01 ACID/O ACID/O	TS-01/KE 0-4ft TS-01/KE 0-4ft TS-01/KE 0-4ft TS-01/SW 0-4ft TS-01/	Company Name: Appendix Parker Project Manager: Andrew Parker Address: On File State: Phone #: Fax #: Project Name: 2022/002-0859-water Project Location: Lucid Riser Sampler Name: Tesus Palomanes FOR LAB USE ONLY FOR LAB USE ONLY Lab I.D. Sample I.D.	B OR (C)OMP. ITAINERS INDWATER EWATER MATRIX P.O. #: And Company: City: State: Phone #: Fax #: BASE: COOL PRESE	hloride PH (Gro+Dro+Mro) TEX (Benzene) ANALYSIS REQUEST
	Damages. Cardinal's liability and client's exclusive remedy for any client shall be inhald to the amount paid by the client for the phose for negligence and any other cause whatboover shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the applicable cost of or related to the performance of services the hereunder by Cardinal (regardless of whether such claim is based upon any of the above stated reasons or otherwise. Time: Received By: Time: Received By:	Sample 7 15-01 St 75-01 SW 75-	OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: O-02 DATE	



November 17, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 48 2.5FT (H225369-01)

BTEX 8021B

DILX 0021D	ilig/kg		Allalyzed by. 311/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0 % 69.9-1-		0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	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	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	75.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.5	% 46.3-17	8						

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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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 49 2.5FT (H225369-02)

BTEX 8021B

DILX GOZID	mg/ kg		Analyzea by: 311/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 % 69.9-14		0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	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	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	78.2 % 45.3-16		1						
Surrogate: 1-Chlorooctadecane	81.6	% 46.3-17	8						

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Celey D. Keine



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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 50 2.5FT (H225369-03)

BTEX 8021B

DIEX GOZID	mg/ kg		Analyzed by: 5117						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	78.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.6	% 46.3-17	8						

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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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 51 2.5FT (H225369-04)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	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	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	77.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.0	% 46.3-17	8						

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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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 52 3FT (H225369-05)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	70.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.8	% 46.3-17	8						

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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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 53 0-2FT (H225369-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyze						
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	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	73.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.0	% 46.3-17	8						

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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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 53 2-3FT (H225369-07)

BTEX 8021B

DILX GOZID	ilig/kg		Analyzed by: 511/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	73.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.8	% 46.3-17	78						

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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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 58 0-2FT (H225369-08)

BTEX 8021B

DIEX GOZID	ilig/ kg		Analyzed by: 5117						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/15/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/15/2022	ND	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	71.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.2	% 46.3-17	78						

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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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 58 2-3FT (H225369-09)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/16/2022	ND	2.06	103	2.00	4.63	
Toluene*	<0.050	0.050	11/16/2022	ND	2.09	105	2.00	3.61	
Ethylbenzene*	<0.050	0.050	11/16/2022	ND	2.08	104	2.00	2.92	
Total Xylenes*	<0.150	0.150	11/16/2022	ND	6.39	106	6.00	2.45	
Total BTEX	<0.300	0.300	11/16/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	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	183	91.4	200	7.48	
DRO >C10-C28*	<10.0	10.0	11/15/2022	ND	185	92.6	200	6.10	
EXT DRO >C28-C36	<10.0	10.0	11/15/2022	ND					
Surrogate: 1-Chlorooctane	76.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.3	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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@cardinallahenm co	nges to celev keep	s. Please email cha	Cardinal cannot accept verbal changes. Please email changes to celev keene	cannot ac	† Cardinal		
Rush Cool Intact	Thermometer ID #113 Correction Factor -0.6°C	(Initials)	Yes Yes	5.4.5	Corrected Temp. °C	3.3 07/18/22	Sampler - UPS - Bus - Other:
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DR e					0859-water	2021/002-	Project Name: 2022 1002
20		City:		wner:	Project Owner:		Project #:
+/	Bertines with the				Fax #:		Phone #:
M /:	american real	Attn: a parlier		Zip:	State:		City:
20	cler	Company: America				176	Address: Un
	1859-water	P.O. #2020 1002-0859-Wa			Varker	77	Section 19
ANALYSIS REQUEST	0	BILL TO				-	Project Manager
				100			Company Name:



November 18, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/15/22 15:52.

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/ga/lab_accred_certif.html.

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

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

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 35 4.25FT (H225402-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.81	90.7	2.00	2.99	
Toluene*	<0.050	0.050	11/17/2022	ND	1.90	94.9	2.00	1.93	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.83	91.3	2.00	0.708	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.77	96.2	6.00	4.64	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	11/16/2022	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	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	102 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: Sampling Type: Soil 11/18/2022

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 36 4.25FT (H225402-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	11/16/2022	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	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: NONE GIVEN

Sample ID: GS - 37 4.25FT (H225402-03)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	a 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	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/16/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	92.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 37 E 0-2FT (H225402-04)

BTEX 8021B

	91	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-140	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/16/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 45.3-16.	1						
Surrogate: 1-Chlorooctadecane	102 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 37 E 2-4FT (H225402-05)

BTEX 8021B

	9,	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/16/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: Sampling Type: Soil 11/18/2022

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 38 4.25FT (H225402-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 39 4.25FT (H225402-07)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112	% 46.3-17	8						

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Celey & Keene



Analytical Results For:

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

Fax To:

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 20221002-0859-WATER

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 40 4.25FT (H225402-08)

BTEX 8021B

DIEX GOZID	ıng,	- Kg	Allulyzo	u by. 311/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 40 W 0-2FT (H225402-09)

BTEX 8021B

	9/	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 40 W 2-4FT (H225402-10)

BTEX 8021B

	9/	9	7	1 1 ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 41 4.25FT (H225402-11)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Fax To:

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 41 S 0-2FT (H225402-12)

BTEX 8021B

	<u> </u>			· , - ,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 41 S 2-4FT (H225402-13)

BTEX 8021B

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Benzene* <0.050 0.050 11/17/2022 ND 1.91 95.6 2.00 9.96 Toluene* <0.050 0.050 11/17/2022 ND 1.94 97.2 2.00 9.86 Ethylbenzene* <0.050 0.050 11/17/2022 ND 1.92 95.8 2.00 9.44 Total Xylenes* <0.150 0.150 11/17/2022 ND 5.89 98.2 6.00 9.66 Total BTEX <0.300 0.300 11/17/2022 ND 5.89 98.2 6.00 9.66 Surrogate: 4-Bromofluorobenzene (PID 101 ** 69.9-140 **	DIEX GOZID	ıııg,	ng .	Andryzo	a by. 5117					
Toluene* <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 11/17/2022 ND 1.92 95.8 2.00 9.44 Total Xylenes* <0.150	Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Total Xylenes* <0.150 0.150 11/17/2022 ND 5.89 98.2 6.00 9.66 Total BTEX <0.300	Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Total BTEX <0.300 0.300 11/17/2022 ND Surrogate: 4-Bromofluorobenzene (PID 101 ⅓ 69.9-140 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed By: MS % Recovery True Value QC RPD Chloride 48.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/kg Analyzed By: MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0	Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Surrogate: 4-Bromofluorobenzene (PID 101 % 69.9-140 Chloride, SM4500Cl-B mg/sg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 48.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/sg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Chloride, SM4500Cl-B mg / kg Analyzed by: GM Method Blank BS % Recovery True Value QC RPD 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 By: MS GRO C6-C10* <	Total BTEX	<0.300	0.300	11/17/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 48.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 121 % 45.3-161	Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride 48.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/st Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0	Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
TPH 8015M mg/se Analyzed by: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 121 % 45.3-161	Chloride	48.0	16.0	11/16/2022	ND	432	108	400	0.00	
GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 121% 45.3-161	TPH 8015M	mg/	/kg	Analyze	ed By: MS					
DRO >C10-C28*	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 121 % 45.3-161	GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
Surrogate: 1-Chlorooctane 121 % 45.3-161	DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
	EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctadecane 135 % 46.3-178	Surrogate: 1-Chlorooctane	121 9	% 45.3-16	1						
	Surrogate: 1-Chlorooctadecane	135 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 42 4.25FT (H225402-14)

BTEX 8021B

DIEX GOZID	1119/	K9	Allulyzo	.u by. 5117					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-140)						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 45.3-161	1						
Surrogate: 1-Chlorooctadecane	119 9	% 46.3-178	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 42 N 0-2FT (H225402-15)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	² / ₆ 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 42 N 2-4FT (H225402-16)

BTEX 8021B

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Polene* Result Reporting Limit Analyzed ND 1.91 95.6 2.00 9.96 9.96 9.96 9.96 1.1/17/2022 ND 1.94 97.2 2.00 9.86	DIEX GOZID	11197	K9	Andryzo	a by. 5117					
Toluene* <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* < 0.050 0.050 11/17/2022 ND 1.92 95.8 2.00 9.44 Total Xylenes* < 0.150 0.150 11/17/2022 ND 5.89 98.2 6.00 9.66 Total BTEX < 0.300 0.300 11/17/2022 ND Surrogate: 4-Bromofluorobenzene (PID 94.5 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 64.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* < 10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND	Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Total Xylenes* <0.150 0.150 11/17/2022 ND 5.89 98.2 6.00 9.66 Total BTEX <0.300	Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Total BTEX <0.300 0.300 11/17/2022 ND Surrogate: 4-Bromofluorobenzene (PID 94.5 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: GM Chloride Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* < 10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 < 10.0 10.0 11/17/2022 ND 240 120 200 14.1 Surrogate: 1-Chlorooctane	Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Surrogate: 4-Bromofluorobenzene (PID 94.5 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 64.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed By: MS Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <nmath style="block-right">No 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0</nmath>	Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Reporting Limit Analyzed Method Blank BS Recovery RPD Method Blank BS Recovery RPD True Value QC RPD 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 Reporting Limit Analyzed Note Blank BS Recovery RPD % Recovery RPD True Value QC RPD GRO C6-C10* <10.0	Total BTEX	<0.300	0.300	11/17/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 64.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed By: MS GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 101 % 45.3-161	Surrogate: 4-Bromofluorobenzene (PID	94.5	% 69.9-14	0						
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 GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: GM					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 101 % 45.3-161	Chloride	64.0	16.0	11/16/2022	ND	432	108	400	0.00	
GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 101 % 45.3-161	TPH 8015M	mg/	'kg	Analyze	ed By: MS					
DRO >C10-C28*	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 101 % 45.3-161	GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
Surrogate: 1-Chlorooctane 101 % 45.3-161	DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
	EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctadecane 114 % 46.3-178	Surrogate: 1-Chlorooctane	101 5	% 45.3-16	1						
	Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 43 4.25FT (H225402-17)

BTEX 8021B

	9/	9	7	1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: Sampling Type: Soil 11/18/2022

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 43 S 0-2FT (H225402-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	99.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 %	46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 43 S 2-4FT (H225402-19)

BTEX 8021B

	91	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 69.9-140	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed 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	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16.	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 44 2.5FT (H225402-20)

BTEX 8021B

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Benzene* <0.050 0.050 11/17/2022 ND 1.91 95.6 2.00 9.96 Toluene* <0.050 0.050 11/17/2022 ND 1.94 97.2 2.00 9.86 Ethylbenzene* <0.050 0.050 11/17/2022 ND 1.92 95.8 2.00 9.44 Total Xylenes* <0.150 0.150 11/17/2022 ND 5.89 98.2 6.00 9.66 Total BTEX <0.300 0.300 11/17/2022 ND 5.89 98.2 6.00 9.66 Surrogate: 4-Bromofituorobenzene (PID 96.5 * 69.9-140 ************************************	DIEX GOZID	11197	ng .	Andryzo	a by. 5117					
Toluene* <0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* < 0.050 0.050 11/17/2022 ND 1.92 95.8 2.00 9.44 Total Xylenes* < 0.150 0.150 11/17/2022 ND 5.89 98.2 6.00 9.66 Total BTEX < 0.300 0.300 11/17/2022 ND Surrogate: 4-Bromofluorobenzene (PID 96.5 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 48.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* < 10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* < 10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 < 10.0 10.0 11/17/2022 ND Surrogate: I-Chlorooctane 102 % 45.3-161	Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Total Xylenes* <0.150 0.150 11/17/2022 ND 5.89 98.2 6.00 9.66 Total BTEX <0.300	Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Total BTEX <0.300 0.300 11/17/2022 ND Surrogate: 4-Bromofluorobenzene (PID 96.5 % 69.9-140 Chloride, SM4500Cl-B mg/ky Analyzed By: GM Chloride Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD TPH 8015M mg/ky Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* ND 237 118 200 11.7 DRO >C10-C28* Recovery True Value QC RPD Recovery	Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Surrogate: 4-Bromofluorobenzene (PID 96.5 % 69.9-140 Chloride, SM4500Cl-B mg/s Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 48.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/s Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Chloride, SM4500Cl-B mg/kg Analyzed Method Blank BS % Recovery True Value QC RPD Chloride 48.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/kg Analyzed By: MS GRO C6-C10* Result Reporting Limit Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Total BTEX	<0.300	0.300	11/17/2022	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 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 GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 102 % 45.3-161	Surrogate: 4-Bromofluorobenzene (PID	96.5	% 69.9-14	0						
Chloride 48.0 16.0 11/16/2022 ND 432 108 400 0.00 TPH 8015M mg/s Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
TPH 8015M mg/s Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: I-Chlorooctane 102 % 45.3-161	Chloride	48.0	16.0	11/16/2022	ND	432	108	400	0.00	
GRO C6-C10* <10.0 10.0 11/17/2022 ND 237 118 200 11.7 DRO >C10-C28* <10.0 10.0 11/17/2022 ND 240 120 200 14.1 EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 102% 45.3-161	TPH 8015M	mg,	/kg	Analyze	ed By: MS					
DRO >C10-C28*	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 11/17/2022 ND Surrogate: 1-Chlorooctane 102 % 45.3-161	GRO C6-C10*	<10.0	10.0	11/17/2022	ND	237	118	200	11.7	
Surrogate: 1-Chlorooctane 102 % 45.3-161	DRO >C10-C28*	<10.0	10.0	11/17/2022	ND	240	120	200	14.1	
	EXT DRO >C28-C36	<10.0	10.0	11/17/2022	ND					
Surrogate: 1-Chlorooctadecane 124 % 46.3-178	Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
	Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact 20221002-0859-WATER Sample Received By: Project Number: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 45 2.5FT (H225402-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	1.91	95.6	2.00	9.96	
Toluene*	<0.050	0.050	11/17/2022	ND	1.94	97.2	2.00	9.86	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	1.92	95.8	2.00	9.44	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	5.89	98.2	6.00	9.66	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	240	120	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	229	114	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 46 2.5FT (H225402-22)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/17/2022	ND	2.13	106	2.00	1.96	
Toluene*	<0.050	0.050	11/17/2022	ND	2.23	111	2.00	1.67	
Ethylbenzene*	<0.050	0.050	11/17/2022	ND	2.17	109	2.00	1.16	
Total Xylenes*	<0.150	0.150	11/17/2022	ND	6.57	109	6.00	0.113	
Total BTEX	<0.300	0.300	11/17/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	240	120	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	229	114	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: Sampling Type: Soil 11/18/2022

Project Name: LUCID RISER Sampling Condition: Cool & Intact Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 46 W 0-2.5FT (H225402-23)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.13	106	2.00	1.96	
Toluene*	<0.050	0.050	11/18/2022	ND	2.23	111	2.00	1.67	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	1.16	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.57	109	6.00	0.113	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	240	120	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	229	114	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	117 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 47 2.5FT (H225402-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.13	106	2.00	1.96	
Toluene*	<0.050	0.050	11/18/2022	ND	2.23	111	2.00	1.67	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	1.16	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.57	109	6.00	0.113	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	240	120	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	229	114	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Analytical Results For:

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

Fax T

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: NONE GIVEN

Sample ID: GS - 48 E 0-2.5FT (H225402-25)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.13	106	2.00	1.96	
Toluene*	<0.050	0.050	11/18/2022	ND	2.23	111	2.00	1.67	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	1.16	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.57	109	6.00	0.113	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/16/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	240	120	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	229	114	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.7	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

	(010) 000-2020	1-vec (010) 220-7	4/6							
Company Name:	B. Amereder				BILL TO	,		AN	ANALYSIS REQUEST	DEST
Project Manager:	Andrew	Parler		٩.	P.O. #:20221002-0859- water	g-water		\dashv		
Address: O				CC	Company: Amereder		<i></i>			
City:		State:	Zip:	At	Attn: a partierformeredence	redorio	1//	_		
Phone #:		Fax #:		Ad	Address:	,				
Project #:		Project Owner:	a	City:	ty:	() +	0 1	_		
Project Name:	30121002-085	9-water		St	State: Zip:	<u> </u>				
Project Location:	Lucid	Riser		Ph	#:	+1	ne			
Sampler Name:	Jesus Pa	lomares		Fa	Fax #:	20.	170			
FOR LAB USE ONLY			MP.	MATRIX	ESERV.	SAMPLING	(Bei			
Lab I.D.	Sample I.D.	J.D.	(G)RAB OR (C)ON # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	Chlori TPH (BTEX (
		4.254	0 1	-	_	7:47 CC	5	+		
ON	G5-36 4 G5-37 4	4.25A 4.25A				7:56				
74	35-37E C)-2ft						H		
ec	_	1.25ft				8:21				
00/	04-55 10-55	1,254				2:32				
2	MOH-55	0-241				8:40				
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Can	d Damages. Cardinal's liability and groups of the groups and any of groups and any of the groups of	d client's exclusive remedy for an article of the cause whatsoever shall be one one cause whatsoever shall be one of the cause whatsoever shall be one of the cause whatsoever shall be one of the cause when the cause	y claim ari leemed wa	PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remoty 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 comprison of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, between the highest or forest incompletion of the applicable.	shall be limited to the amount powed by Cardinal within 30 days at	8:43 V aid by the client for the ler completion of the applicable	4	1		
Relinquished By:	Inquished By: Date: (Date: //)	Rece	dinal, regardless of whether such claim is base Received, By:	d upon any of the above stated re	verbal Result: ☐ Yes	No No	- 1	Add'l Phone #:	
Man	MM	12.525 Lime: 2.25		de exement	The state of the s	ema	. Please	provide E	mail address:	
Relinguished By:		Date:	Rece	Received By:		REMARKS:				
Delivered By: (Circle One)		Observed Temp. °C	6.1	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	a D	Bacteria (only)	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other		Corrected Temp. °C	5.5	Yes Yes	Y.O.	Thermometer ID #113 Correction Factor -0.6°C	Henv		□ Yes □ Yes	Corrected Temp. °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 88240

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

Company Name: A		200		
1	0 1	BILL 10	ANALYSIS REQUEST	
Marew 1	Packer	P.O. #: NO21002-0859- Water	9- Water	
Address: Un-File		Company: America		
City:	State: Zip:	Attn: aprile of aneseder and		_
Phone #:	Fax#:	Address:	46	
Project #:	Project Owner:	City:	H/	
Project Name: 2022/002-0	0859-water	State: Zip:	20-e)	
Project Location: Lucid	Riser	#:	DR	
Sampler Name: Jesus D	alonars	Fax #:		
FOR LAB USE ONLY		PRESERV.	e SRC	
Lab I.D. Sam	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	Chloride TPH (G BTEX (
12 05-112	- ¥	- <	8:57	
14 65-43	4,254		9:40	
16 CS- 43N	7-4-354 TA		95.6	
18 65-43 5	0-24		10:22	
20 5 44 25 43	5+3	W W	10:40 V W W	
nahyses. All claims including those for negligence and am service. In no event shall Cardinal be liable for incidental or fifficiates or successors arising out of or related to the performance.	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in contract or tort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal within 30 days after completion of the applicable affidiates or successors arising out of or related to the performance of services hereunded by Cardinal, regardless of whether such claim is based upon any of the above standard resease or otherwise.	act or tort, shall be limited to the amount paraint or tort, shall be limited to the amount paraint received by Cardinal within 30 days after and received by core of profits incurred by core, toss of use, or loss of profits incurred by core, to be above stated or the above stated or the core.	by the client for the completen of the applicable information of the applicable information or otherwise.	t
Relinquished By	255	Milledder	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	
A Dallander	Time: Received By:		REMARKS:	
Delivered By: (Circle One)	0	유	Turnaround Time: Standard Bacteria (only) Sample Condition	
Sampler - UPS - Bus - Other:	Corrected Temp. °C 4.5° Yes I Yes	(initials) (es V.O.		

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	0 FAX (3/3) 393-24/0			
Project Manager Ameredev		BILL TO	ANALYSIS REQUEST	
olidger.	Cocker	P.O. #: 2021002-0759-wai	water .	\exists
Address: Un - 1-1/2		Company: Amereder		
City:	State: Zip:	Attn: apadier Wamereder.com	returian 20)	
Phone #:	Fax #:	Address:		
Project #:	Project Owner:	City:	+ 1	
Project Name: 2022/002-0859- Water	9-water	State: Zip:	0 +	
Project Location: Lucid R	Riser	*	DRI ne	
_	omares	Fax #	L D	
٦			1	
TOTAL LOSS OFFICE	S ER	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)C # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorid TPH (C BTEX (
494-55888 94-55888 54-5788	2.5ft 0-2.5ft	11-15	1:07	
95 65-48 E	2-2.St4	<	1:34	
PLEASE NOTE: Liability and Damages. Cardinal's liability and	client's aucli			
nalyses. All claims including those for negligence and any or ervice. In no event shall cardinal be liable for incidental or or fiffiliates or successors arising out of or related to the perform	other cause whatsoever shall be de consequental damages, including wance of services hereunder by Car	or out, shall be limited to the amount pad by d received by Cardinal within 30 days after col- loss of use, or loss of profits incurred by client is based upon any of the above stated reason	ty the clerif for the typicable completion of the applicable completion of the applicable mit, its subsidiaries, core or otherwise.	
Republic Burney Comments of the Comments of th	Time 5.22 Received By:		Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:	
			NEWWYNO:	
Sampler - UPS - Bus - Other:	Corrected Temp. °C & Sample Condition Cool_Intact Corrected Temp. °C & Sample Condition Cool_Intact Sample Cool_Intact	CHECKED BY: (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.8°C Pes No Corrected Temp. °C	



November 18, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/15/22 15:52.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 11/15/2022 Sampling Date: 11/15/2022

Reported: 11/18/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

A .. . l. d D. .. 311

Project Location: NONE GIVEN

DTEV 0021D

Sample ID: BACKGROUND 01 0-3.5FT (H225403-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2022	ND	2.13	106	2.00	1.96	
Toluene*	<0.050	0.050	11/18/2022	ND	2.23	111	2.00	1.67	
Ethylbenzene*	<0.050	0.050	11/18/2022	ND	2.17	109	2.00	1.16	
Total Xylenes*	<0.150	0.150	11/18/2022	ND	6.57	109	6.00	0.113	
Total BTEX	<0.300	0.300	11/18/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/17/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/16/2022	ND	240	120	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/16/2022	ND	229	114	200	2.30	
EXT DRO >C28-C36	<10.0	10.0	11/16/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	% 46.3-17	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

	Relinquished By:	Relinquished by:	PLEASE NOTE: Liability and Damag analyses. All claims including those if service. In no event shall Cardinal be affiliates or guocessors arising out of	*	=	Lab I.D.	- 1	Sampler Name: Je	Project Location:	Project Name: 202	Project #:	Phone #:	City:	Address: On -	Project Manager:	Company Name: A	(5/
	Date:	MM 1552	PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remody for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, afficients or jaurocessors arising out of or related to the performance of services hereunder by Cardinal, repairdless of whether such claim is based upon any of the above stated reasons or otherwise.		Background OI 0-3.54	Sample I.D.	-		Lucid Riser	Project Name: 2022 1002-0859 - water	Project Owner:	Fax #:	State:	ile	ndrew Parker	mereder	5/5) 393-2326 FAX (5/5) 393-24/6
	Received By:	VACCINACION:	's exclusive remedy for any claim arising whether based in contract or tort, shall be infinited to the armount pa use whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days afth ontal damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by sentices hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated re		A L	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX				n		Zip:				4/6
		The state of the s	ct or tort, shall be limited to the amount p and received by Cardinal within 30 days a loss of use, or loss of profits incurred b in is based upon any of the above stated		0	OTHER: ACID/BASE: ICE / COOL OTHER:	PRESERV. SAN	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: a parker @ameredencom	Company: A mereder	P.O. #: 2022 1002-0859- Water	BILL TO	
1	REMARKS:	All Results are emailed. Please provide Email address:	pplicable		13:07 V V V	Chlor TPH (SAMPLING	KC) +	D)	RO						
Bostoria (only) Sample Condition		rovide Email address:		,												ANALYSIS REQUEST	
																EST	



November 28, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/18/22 16:30.

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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 11/18/2022 Sampling Date: 11/18/2022

Reported: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 04 2FT (H225474-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	96.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	96.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celey D. Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 05 2FT (H225474-02)

BTEX 8021B

DIEX GOZID	iiig/	, kg	Allulyzo	.u Dy. 3117					
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	99.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<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	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	78						

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Celey D. Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 06 1FT (H225474-03)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
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	97.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	95.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celey D. Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 07 1FT (H225474-04)

BTEX 8021B

DIEX GOZID	ıııg,	ng .	Allulyzo	a by. 5117					
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	97.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<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	92.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.9	% 46.3-17	8						

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Celey D. Keine



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 07N 0-1FT (H225474-05)

BTEX 8021B

	9/	9	7	7: 5::.,					
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	97.1	% 69.9-140	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed 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	3.92	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<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	95.2	% 45.3-16.	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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Celey D. Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 08 0-2FT (H225474-06)

BTEX 8021B

	9,	9	7	7: 5::.,					
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	94.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<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	86.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.0	% 46.3-17	8						

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Celey & Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 08 2-3FT (H225474-07)

BTEX 8021B

DIEX GOZID	iiig/	, kg	Allulyzo	.u Dy. 3117					
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	98.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<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	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						

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Celey D. Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 09 3FT (H225474-08)

BTEX 8021B

	9/	9	7111411720	,					
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	96.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<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	96.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Celey D. Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 11 2FT (H225474-09)

BTEX 8021B

	9,	9	7	7: 5::.,					
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	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<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	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Celey & Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 13 2FT (H225474-10)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
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	98.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	95.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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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: Sampling Type: Soil 11/28/2022

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 15 3FT (H225474-11)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	97.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 16 0-2FT (H225474-12)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. 5117					
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	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	90.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

Sample ID: GS - 16 2-3FT (H225474-13)

BTEX 8021B

DIEX GOZID	iiig/	ng .	Alldiyzo	.u Dy. 3117					
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	97.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 17 3FT (H225474-14)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	248	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	214	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	6380	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	29.9	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	168	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	324	% 46.3-17	<i>'8</i>						

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Celey D. Kreine



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: NONE GIVEN

Sample ID: GS - 19 2.5FT (H225474-15)

RTFY 8021R

BIEX 8021B	mg/	кg	Analyze	a 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	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/22/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.6	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 23 2.5FT (H225474-16)

BTEX 8021B

DILX GOZID	11197	ng .	Andryzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/22/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	83.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	91.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.1	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 24 2.5FT (H225474-17)

BTEX 8021B

DILX GOZID	mg/	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/22/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.6	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 25S 0.25-2.5FT (H225474-18)

mg/kg

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/22/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1890	16.0	11/22/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 26 3FT (H225474-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/22/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

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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: Sampling Type: Soil 11/28/2022

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 27 0-2FT (H225474-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/22/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	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	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 28 0-2FT (H225474-21)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/22/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/22/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/22/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	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	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.9	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 30 2.5FT (H225474-22)

BTEX 8021B

DILX GOZID	1119/	<u>ng</u>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/23/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	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	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	26 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 31 2.5FT (H225474-23)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/23/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	< 0.050	0.050	11/23/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	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	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	89.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.7	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 32 2.5FT (H225474-24)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/23/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 33 2.5FT (H225474-25)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/23/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	89.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.2	% 46.3-17	8						

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Celey D. Keine



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 34 2.5FT (H225474-26)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/23/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.4	% 69.9-14	0						
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	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	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.0	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 34E 0-2.5FT (H225474-27)

BTEX 8021B

	9/	9	7111411720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/23/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.4	% 69.9-14	0						
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	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	189	94.7	200	4.77	
DRO >C10-C28*	<10.0	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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Celey D. Keene



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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: TS - 01 5.5FT (H225474-28)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/23/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4680	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	189	94.7	200	4.77	
DRO >C10-C28*	32.8	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.0	% 46.3-17	8						

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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: 11/28/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: TS - 02 5.5FT (H225474-29)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Allulyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	2.02	101	2.00	0.726	
Toluene*	<0.050	0.050	11/23/2022	ND	2.17	108	2.00	0.705	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	106	2.00	1.57	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.43	107	6.00	2.47	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.0	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	11/22/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2022	ND	189	94.7	200	4.77	
DRO >C10-C28*	45.1	10.0	11/22/2022	ND	177	88.6	200	7.80	
EXT DRO >C28-C36	<10.0	10.0	11/22/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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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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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: America		BILL	Carlo de la carlo	
Project Manager: Andrew Parker		P.O. #: 2022/002-20959-wd		ANALTOIS REQUEST
		Company: Amereden		
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-	MATRIX	SERV.	SAMPLING	
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Curringers. Caroma's labority and client's exclusive rent those for negligence and any other cause whatsoever final by lable for incidental or consequental damages, out of or related to the performance of services here	sing whe wed unle tetion, be ardless o	ther based in contract or tort, shall be limited to the amount pake ses made in writing and received by Caudinal within 30 days after usiness interruptions, lost of use, or loss of profils incurred by it whether such claim is based upon any of the above stated on	ount paid by the client for the lays after completion of the applicable rod by clemt, its subsidiantes,	
Mar	8	Clh	Verbal Result: ☐ Yes ☐ No Add'i Phone #: All Results are emailed. Please provide Email address:	Add'l Phone #: de Email address:
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Delivered By: (Circle One) Observed Temp. °C sampler - UPS - Bus - Other: Corrected Temp. °C	70 =	CHECKED BY: (Initials)	Turnaround Time: Standard [7] Rush Rush Correction Early Description	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes
† Cardinal ca	Cardinal cannot accept verbal changes please amail changes in the cannot accept verbal changes please amail changes in the cannot accept verbal changes in the cannot accept the cannot accept verbal changes in the cannot accept verbal changes in the cannot accept verbal changes in the cannot accept t	Diama amail about		LI No LI No Corrected Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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November 29, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 42 5.5FT (H225525-01)

BTEX 8021B

BIEX GOEIB	9/	119	Andryzo	u 5 y 1 51 1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.96	97.9	2.00	1.30	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	109	2.00	0.216	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.22	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.21	104	6.00	1.00	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1780	16.0	11/23/2022	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	206	103	200	1.80	
DRO >C10-C28*	<10.0	10.0	10.0 11/23/2022		203	101	200	1.32	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.5	% 46.3-17	8						

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

Celey D. Keene



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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: NONE GIVEN

Sample ID: GS - 42 6.5FT (H225525-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.96	97.9	2.00	1.30	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	109	2.00	0.216	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.22	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.21	104	6.00	1.00	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/23/2022	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<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	91.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	78						

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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



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: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 20221002-0859-WATER

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 42 7.5FT (H225525-03)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.96	97.9	2.00	1.30	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	109	2.00	0.216	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.22	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.21	104	6.00	1.00	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celey D. Keene



Notes and Definitions

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

State: Zip: ANALYSIS REQUIRED State: Zip: ANALYSIS REQUIRED State: Zip: ANALYSIS REQUIRED State: Zip: Address: Zip: Project Owner: Cip: Address: Zip: Address: Zip: Project Owner: Cip: Address: Zip: Address: Zip	Delivered By: (Circle One) ampler - UPS - Bus - Other:	elinquished By:	m	elinquished By:	EASE NOTE: Liability and Dams slyses. All claims including those wice. In no event shall Cardinal i			(X	22	16	Lab I.D.	FOR LAB USE ONLY	ampler Name:	roject Location:	roject Name: 2022 1002	roject #:	hone #:	ity:	ddress: On	roject Manager:	ompany Name:	
ANALYSIS REQUIRED TO A COOL MACH SIS REQUIRED TO A COOL MACH STAND Standard		Date:	MIMOS SZ	9	innages. Cardinsi's liability and client's exclusive remi cee for negligence and any offier cause whatsoever all be liable for incidental or consequental damages.			46.7 7.4-5	5-42 6.5H	5.42 5.54	Sample I.D.	-	F	8	,	Project O	Fax #:	State:			Ameredev	(575) 393-2326 FAX (575) 393-2476
ANALYSIS REQUIRED TO A	200	Received By:	20 Janvora		ooy jot any claim aizsing whether based in contra shall be deemed waked unless made in writing is including without limitation, business interruption			*		1 0	# CONTAINERS GROUNDWATE WASTEWATER SOIL OIL	R			ter	wner:		Zip:				93-2476
ANALYSIS REQUIRED TO A			Melabor	11111	nct of tort, shall be limited to the allowin part and received by Cardinal within 30 days afte s, loss of use, or loss of profits incurred by c			•			OTHER: ACID/BASE: ICE / COOL OTHER:			Phone #:		City:	Address:	Attn: Aparler Que	Company: Amerede	P.O. #: 2022/002-2	BILL TO	
ด้ ก็	Standard Rush	1 emp 1		Verbal Result: ☐ Yes ☐ No Add'l Phone #:	so of the supplicable completion of the applicable client, its authabitaries,	The stand for the		<		10:34 - 6	Chlo	rid	1 200	teno	<u>。</u>)	PRO		,		7859-works	ANALYSIS REQUEST	



November 29, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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: LUCID RISER Sampling Condition: Cool & Intact Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 35 5.5FT (H225526-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	101 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.9	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 35 8.5FT (H225526-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.5	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:	Refinquished By:	PLEASE NOTE: Lisbilly and Damage analyses. All claims including those to service. In no event shall Cardinal be I			2000	(5)	Lab I.D.		(1)	Project Location:	Project Name: 2022 1002	Project#:	Phone #:	City:	Address: On-	Project Manager:	Company Name: An	(575
Other: Corrected Temp. °C		Date: 127	ty and client's exclusive ren any other cause whatsoever or consequental damages	ø		35 8.54	35 5.54	Sample I.D.		Pa		1002 -0859- water	Project Owner:	Fax#:	State: Zi		indrew Parker	meredey	575) 393-2326 FAX (575) 393-2476
Sample Condition Cool Intact Pres Pres	Received By:	Received By:	nedy for any claim arising whether based in contract or tort, shall be limited to the shall be dearned walved unless made in writing and received by Cardinal with it, including without frontalistics, business interruptions, loss of use, or loss of pro- moter by Cardinal reconficies of whether such claims is based upon any of the			5	1	CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE OTHER: ACID/BASE:	MATRIX	Fax #:	Phone #:	State:	City:	Address:	Zip: Attn: A	Compa	P.O. #:		
CHECKED BY: Turnaro (Initials) Thermon Correctio	REMARKS:	A.	be limited to the emount paid by the client for the y Cardinal within 30 days after completion of the or loss of profits incurred by client, its subsidiarie on any of the above stated reasons or otherwise			V V 10:21	_	OTHER:	PRESERV. SAMPLING	1	*	Zip:		35.	Attn: Aporter Dameredens	Company: Amereder	P.O. #: 2022/002-20859-wode	BILL TO	
Turnaround Time: Standard Rush Thermometer ID #113 Correction Factor -0.6°C	KS: 1 emp	☐ Yes ☐ No emailed. Please prov	Me .			7	777		G/ Be	RO	ten		PRO	2+	M	R(5)			
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C	Blank 4.3°C	Add'l Phone #: vide Email address:										,						ANALYSIS REQUEST	0



November 29, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 01 0-2FT (H225527-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	103 5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 9	% 46.3-17	8						

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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 02 2FT (H225527-02)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.5	% 46.3-17	8						

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Celey D. Kreine



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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 02 N 0-2FT (H225527-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.1	% 46.3-17	8						

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Celey D. Keine



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: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 20221002-0859-WATER

Project Location: NONE GIVEN

Sample ID: GS - 03 0-2FT (H225527-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.4	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 10 1FT (H225527-05)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 20221002-0859-WATER

Project Location: NONE GIVEN

Sample ID: GS - 10 S 0.25-1FT (H225527-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.7	% 46.3-17	8						

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Celey D. Keene



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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 12 2FT (H225527-07)

BTEX 8021B

	9/	9	7111411720	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	95.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.6	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 14 0.25-2FT (H225527-08)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyac	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.7	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 14 2-4FT (H225527-09)

BTEX 8021B

	9/	9	7	7 5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.2	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 18 0.25-2FT (H225527-10)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Alldiyac	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	95.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.4	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 18 2-4FT (H225527-11)

BTEX 8021B

DIEX GOZID	ıııg,	Ng .	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-140)						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	92.3	% 45.3-161	!						
Surrogate: 1-Chlorooctadecane	89.0	% 46.3-178	3						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 20 2FT (H225527-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.8	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

Sample ID: GS - 21 0-2FT (H225527-13)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.5	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 22 2FT (H225527-14)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	82.5	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 22 S 0-2FT (H225527-15)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-140	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed 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	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 45.3-16.	I						
Surrogate: 1-Chlorooctadecane	87.2	% 46.3-178	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 22 W 0-2FT (H225527-16)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	83.1	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Sample Received By: Project Number: 20221002-0859-WATER Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 24 W 0-2FT (H225527-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/23/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	90.4	% 46.3-17	8						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 38 W 0-2FT (H225527-18)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/24/2022	ND	1.97	98.6	2.00	0.357	
Toluene*	<0.050	0.050	11/24/2022	ND	2.19	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	11/24/2022	ND	2.06	103	2.00	1.19	
Total Xylenes*	<0.150	0.150	11/24/2022	ND	6.20	103	6.00	1.11	
Total BTEX	<0.300	0.300	11/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	208	104	200	3.61	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	191	95.6	200	1.61	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.4	% 46.3-17	78						

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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: 11/22/2022

Reported: 11/29/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 38 W 2-4FT (H225527-19)

BTEX 8021B	mg,	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.98	99.2	2.00	1.43	
Toluene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.615	
Ethylbenzene*	< 0.050	0.050	11/23/2022	ND	2.11	105	2.00	1.15	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.44	107	6.00	1.71	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	193	96.3	200	0.896	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	202	101	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	71.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	73.0	% 46.3-17	78						

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Celey D. Keine



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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 40 E 0-2FT (H225527-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.98	99.2	2.00	1.43	
Toluene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.615	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	105	2.00	1.15	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.44	107	6.00	1.71	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	193	96.3	200	0.896	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	202	101	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	77.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.7	% 46.3-17	8						

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Celey D. Keene



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: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: GS - 40 E 2-4FT (H225527-21)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/23/2022	ND	1.98	99.2	2.00	1.43	
Toluene*	<0.050	0.050	11/23/2022	ND	2.09	104	2.00	0.615	
Ethylbenzene*	<0.050	0.050	11/23/2022	ND	2.11	105	2.00	1.15	
Total Xylenes*	<0.150	0.150	11/23/2022	ND	6.44	107	6.00	1.71	
Total BTEX	<0.300	0.300	11/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2022	ND	193	96.3	200	0.896	
DRO >C10-C28*	<10.0	10.0	11/23/2022	ND	202	101	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	11/23/2022	ND					
Surrogate: 1-Chlorooctane	71.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	74.6	% 46.3-17	8						

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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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Andrew Parker P.O. #: 20221002-2089-web	Andrew Parker P.O. #: 20221002-2039-web ANALYSIS REQUEST	P.O. #: 20221002-20159-webs ANALYSIS REQUEST			company: Amerede			s: Un-tile	Address
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	(5/5) 393-2326 FAX (5/5) 393-24/6	FAX (575) 393-2476	ANALYSIS REQUEST	M: 2 :	BILL TO		CV	7	compa

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 882 (575) 393-2326 FAX (575) 393-24	CARDINAL
obbs, NM 882 X (575) 393-24	Orie

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snm.com	@cardinallabs	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	. Please email cha	ept verbal changes.	annot acc	† Cardinal c		
Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C	Standard Rush	Turnaround Time: Thermometer ID #113 Correction Factor -0.6°C	CHECKED BY:	Sample Condition Cool Intact Tes Tes No No	1.5	Observed Temp. °C Corrected Temp. °C	rcle One) Bus - Other:	Delivered By: (Circle One) Sampler - UPS - Bus - Other:
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		1859-web	P.O. #: 2022/002-2859-wd	P.C		Parker	-	Project Manager:
ANALYSIS REQUEST			BILL TO				Ameredev	Company Name:
					١			



December 01, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID RISER

Enclosed are the results of analyses for samples received by the laboratory on 11/30/22 15:06.

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/ga/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Fax To:

Received: 11/30/2022 Sampling Date: 11/30/2022

Reported: 12/01/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Project Location: NONE GIVEN

Sample ID: GS - 17 4.5FT (H225606-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/01/2022	ND	1.83	91.7	2.00	0.307	
Toluene*	<0.050	0.050	12/01/2022	ND	2.03	102	2.00	0.142	
Ethylbenzene*	<0.050	0.050	12/01/2022	ND	2.09	104	2.00	0.428	
Total Xylenes*	<0.150	0.150	12/01/2022	ND	6.46	108	6.00	1.03	
Total BTEX	<0.300	0.300	12/01/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/01/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/01/2022	ND	245	122	200	2.90	
DRO >C10-C28*	<10.0	10.0	12/01/2022	ND	225	113	200	2.92	
EXT DRO >C28-C36	<10.0	10.0	12/01/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Notes and Definitions

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

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476		
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oject Manager: And rew Porter	P.O. #: 20221002-0859-water	
- File	Company: Amerider	R
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nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by clean, the subsidiaries, navice in no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incruded by cleant, its subsidiaries, navice in no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incruded by cleant, its subsidiaries, and the consequental damages including without limitation, business interruptions, loss of use, or loss of profits incruded by cleant, its subsidiaries, and the consequental damages including without limitation, business interruptions, loss of use, or loss of profits incruded by cleant, its subsidiaries, and the consequental damages including without limitation, business interruptions, loss of use, or loss of profits incruded by cleant, its subsidiaries, and the consequental damages including without limitation, business interruptions, loss of use, or loss of the above that cleant is a consequent and the consequent an	business interruptions, loss of use, or loss of the above stated reason	
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Refinquished By: Date: Received By:	MA KLAMA SIC	Cooler Temp Blank - 3.8°
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December 14, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: LUCID 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/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 12/09/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil

Project Name: LUCID RISER Sampling Condition: Cool & Intact
Project Number: 20221002-0859-WATER Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: NONE GIVEN

mg/kg

Sample ID: BACKFILL 01 (H225829-01)

BTEX 8021B

DIEX 8021B	ilig	rky	Allalyze	u by: Jn/					
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	110	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/12/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Tamara Oldaker

Sample Received By:

Analytical Results For:

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

20221002-0859-WATER

12/09/2022 Sampling Date: 12/07/2022

Reported: 12/14/2022 Sampling Type: Soil
Project Name: LUCID RISER Sampling Condition: Cool & Intact

Project Location: NONE GIVEN

Sample ID: TOPSOIL 01 (H225829-02)

Received:

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	110	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/12/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	8						

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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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 whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-232	575) 393-2326 FAX (575) 393-2476	476															ı						1	ı				1
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.9	W W	0.0	- 10	Sample Condition Cool Intact Ves Yes No No	ample Conditic	e Condit	N S P D	s lon	-	0 0	/ ~ H	들었	CHECKED BY: (Initials)	Turnaround Time: Thermometer ID #113 Correction Factor -0.5°C	Time: ID #113 ctor -0.6	177	Standard Rush		□ Cool	nn a à	N Ct O	0 % 3	C O	bserve brrect	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes No Corrected Temp. °C	r c r c	

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

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

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

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

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

CONDITIONS

Action 170620

CONDITIONS

Operator:	OGRID:
AMEREDEV OPERATING, LLC	372224
2901 Via Fortuna	Action Number:
Austin, TX 78746	170620
	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.	1/24/2023