

June 18, 2024

Volume Calculations

20240612-1600-psCTB
nAPP2416538865

Spill Dimensions to Volume of Release						From GIS	
Input	volume of affected soil	[feet^3]	69748.15			Sq. Ft	32441
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35			Depth (ft)	2.15
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.10			Cu. Ft	69748.15
Output	volume of fluid	[feet^3]	2441.2				
		[gal]	18261.3				
		Barrels	434.8				



AmeredeV II, LLC

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

September 6, 2024

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

RE: Site Characterization and Remediation Plan
Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB

NMOCD:

AmeredeV Operating respectfully submits this site characterization report and remediation plan for Incident ID#: nAPP2416538865.

The release occurred on June 12, 2024 caused by a rupture of a 16 in. polyline flowline. Approximately 435 bbls of “fresh water” were released, none recovered. The release was on an active production site for oil and gas operations.

The release did not impact surface or groundwater. The release flowed onto an adjacent site that was used for a freshwater AST and secondary containment, in-use at time of release and subsequently decommissioned. Determination of final use for this containment site is pending, but for the purpose of the remediation plan, it will be considered “not in-use”. The release is located on Fee surface. Figures 1 and 2 show release extent.

Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB



Figure 1: View of release extent facing north from the southern extent.



Figure 2: View of release extent facing southwest from the eastern extent.
Date taken 06/13/2024, 08:22 am

1. Site Characterization

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

09/06/2024

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Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB

1.1. Site Map

The horizontal extent of the release was initially determined by visual observations. The release extent mapping utilized GPS technology with sub-meter accuracy. The coordinates of the release point are 32.1646870, -103.2887080 (Lat, Long; NAD83).

Plate 1 shows the release extent relative to the Pinestraw CTB production equipment, tank battery, flowlines, flares, utilities and the footprint of the secondary containment for freshwater AST (AST and liner now removed). The release extent covered an area of approximately 32,441 sq. ft.

1.2. Depth to Ground Water

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

- MISC-419 (CP-1949 POD 1) is located 1886 ft west of the location. Depth to water is measured at > 102-feet. The borehole has been plugged. The Well Log is presented in Appendix B.

1.3. Wellhead Protection Area

Plates 3a and 3b show 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). CP-00523 (POD 1) is located 1.02 miles northeast of location. Well log included in Appendix B.
- Not within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes
- Not within 1000 feet of any other freshwater well or spring.

1.4. Distance to Nearest Significant Water Course

Plate 4 shows that the release extent is:

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

The closest significant water course is an intermittent stream located 910 ft northwest of the location.

Incident ID: nAPP2416538865
 Pinestraw CTB
 Project ID #: 20240612-1600-psCTB

Site Characterization	
What is the shallowest depth to groundwater (ft bgs) Plate 2	>102 ft CP-1949 POD 1- 1886 ft west of location
What measure was used to determine this?	Direct
Did this release impact ground or surface water?	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
<ul style="list-style-type: none"> A continuously flowing watercourse or any other significant watercourse. Plate 4 	Intermittent stream 910 ft NW of location
<ul style="list-style-type: none"> Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark). Plate 4 	Lake/pond 0.63 miles NW of location
<ul style="list-style-type: none"> An occupied permanent residence, school, hospital, institution or church. Plate 5 	Ranch 2.45 SE of location
<ul style="list-style-type: none"> A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes. Plate 3a 	CP-00523 1.02 miles NE of location – stock use
<ul style="list-style-type: none"> Any other fresh water well or spring. Plate 3a 	CP-00523 1.02 miles NE of location – stock use
<ul style="list-style-type: none"> Incorporated municipal boundaries or a defined municipal fresh water well field. Plate 3b 	7 miles SE of location
<ul style="list-style-type: none"> A wetland. Plate 6 	Freshwater pond 0.63 miles NW of location
<ul style="list-style-type: none"> A subsurface mine. Plate 7 	>5 miles
<ul style="list-style-type: none"> A (non-karst) unstable area. 	>5 miles
<ul style="list-style-type: none"> Categorize the risk of this well/site being in a karst geology. Plate 8 	Low
<ul style="list-style-type: none"> A 100-year floodplain. Plate 9 	6.39 miles to the SE
Did the release impact areas not on an exploration, development, production, or storage site?	No

1.5. Soil/Waste Characteristics

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

The northern portion of the release occurred in the Pyote loamy fine sands soil complex. The southern portion of the release occurred in the Ratliff-Wink fine sandy loam soil complex. The USDA Natural Resources Conservation Service (NRCS) soil survey¹ describes the upper 5-feet of lithology as:

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

Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB

Description of Pyote loamy fine sands soil – 0-3% slope

- *A - 0 to 25 inches*: loamy fine sand
- *Bt - 25 to 60 inches*: fine sandy loam

Description of Ratliff soil – 0–3 % slope

- *A - 0 to 4 inches*: fine sandy loam
- *Bw - 4 to 22 inches*: clay loam
- *Bk - 22 to 60 inches*: clay loam

Description of Wink soil – 0-3% slope

- *A - 0 to 12 inches*: fine sandy loam
- *Bk - 12 to 23 inches*: sandy loam
- *BCK - 23 to 60 inches*: sandy loam

The NRCS description is consistent with the lithology observed during excavation.

On August 29 and 30, 2024 samples were collected to characterize and delineate the release extent. Sample event notifications are located in Appendix A.

- Plate 10 shows the characterization/delineation sample locations
- Table A shows the sample point coordinates
- Table B includes the summary of analytical
- Certificates of Analysis are attached in Appendix C

Closure Criteria for releases on-site on an active production site for oil and gas operations, where depth to water is > 100 ft and based on above setback data; per Table 1 of 19.15.29 NMAC are:

- Chloride < 20,000 mg/kg
- TPH (GRO + DRO + MRO) < 2,500 mg/kg
- TPH (GRO + DRO) < 1,000 mg/kg
- BTEX < 50 mg/kg
- Benzene < 10 mg/kg

Closure Criteria for releases off-site, where depth to water is > 100 ft per Table 1 of 19.15.29 NMAC are:

- Upper 4-feet
 - Chloride < 600 mg/kg
 - TPH (GRO + DRO + MRO) < 100 mg/kg
 - BTEX < 50 mg/kg
 - Benzene < 10 mg/kg

09/06/2024

Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB

- Below 4-feet
 - Chloride < 20,000 mg/kg
 - TPH (GRO + DRO + MRO) < 2,500 mg/kg
 - TPH (GRO + DRO) < 1,000 mg/kg
 - BTEX < 50 mg/kg
 - Benzene < 10 mg/kg

Characterization and delineation sample results provided the following information:

- CS-01, CS-02, CS-03, CS-04, CS-05.1 and CS-06 provide horizontal delineation.
- CS-07 and CS-08 are located on-site (in use) provide vertical delineation and meet closure criteria for “in-use”.
- CS-05 is located in the footprint of the decommissioned freshwater AST secondary containment, now considered “off-site”. At 4 ft depth, chloride concentration exceeded closure criteria for releases off-site, where depth to water is > 100 ft per Table 1 of 19.15.29 NMAC. CS-09 is off site and chloride concentration exceeds closure criteria in the upper 4 ft. There was pooling of water at CS-09, adjacent to the containment footprint. CS-05 analytical may represent migration of chlorides in the sandy loam environment. Vertical delineation at this sample location will be obtained at the time of remediation.

2. Remediation Plan

Ameredev proposes to excavate and remove all impacted soils in the area of the AST pad area to an approved offsite facility, in consideration of possible deconstruction and surface reclamation of said caliche pad. Remediation will begin within 60 days of approval of remediation plan.

Excavation will commence at the sample location CS-09 and will extend in all four cardinal directions until confirmation sampling of walls and bases meet closure criteria for releases off-site, where depth to water is > 100 ft per Table 1 of 19.15.29 NMAC, or to the west edge of the Pinestraw CTB pad, which will continue as an active production site, where closure criteria will transition to “in-use or on-site”. Remediation will extend to the west to include CS-05. Five-point composite confirmation samples will be obtained from base and wall areas where excavation occurs and analyzed for constituents of concern listed on Table 1 of 19.15.29 NMAC with all base and wall sample grids not exceeding 200 sq ft.

To meet closure criteria requirements, it is anticipated that excavation will occur to a depth of 4 feet. It is estimated that excavation extent may include an area of 7,000 sq ft, for a total of 1,037 cubic yards of impacted material to be removed from the site. Estimation is based on available delineation sample analytical.

09/06/2024

Incident ID: nAPP2416538865
 Pinestraw CTB
 Project ID #: 20240612-1600-psCTB

Remediation Plan	
Requesting a remediation plan approval with this submission?	Yes
Have the lateral and vertical extents of the contamination been fully delineated (<i>attach report demonstrating lateral and vertical extents</i>)?	Yes
Was this release entirely contained within a lined containment area?	No
Soil Contamination Sampling (Highest observable value for each in mg/kg)	
• Chloride	3680
• TPH (DRO+GRO+MRO)	49.9
• GRO+DRO	39.9
• BTEX	<0.3
• Benzene	<0.05
On what estimated date will the remediation commence	11/06/2024
On what date will (or did) the final sampling or liner inspection occur	12/06/2024
On what date will (or was) the remediation completed	12/18/2024
What is the estimated surface area (in square feet) that will be reclaimed	7000
What is the estimated volume (in cubic yards) that will be reclaimed	1037
What is the estimated surface area (in square ft) that will be remediated	7000
What is the estimated volume (in cubic yards) that will be remediated	1037
The remediation will (or is expected to) utilize the following processes to remediate/reduce contaminants:	
• Excavation and off-site disposal	Yes

When remediation and confirmation sampling is complete, the area will be backfilled with clean non-waste containing material, confirmed with sampling of backfill material for constituents of concern.

09/06/2024

Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB

3. Surface Restoration

The release extent will initially be restored per 19.15.29.13. A-C NMAC to prior condition as an active production site, and will be compacted, or otherwise stabilized and maintained in such a way as prevent ponding of water and to minimize dust and erosion. The release area will be reclaimed when the location is no longer in use for oil and gas operations to the original condition or final land use per 19.15.29.13.D-E NMAC.

Please contact me with any questions.

Sincerely,
Ameredev II, LLC



Andrew Parker
Env. Scientist

09/06/2024

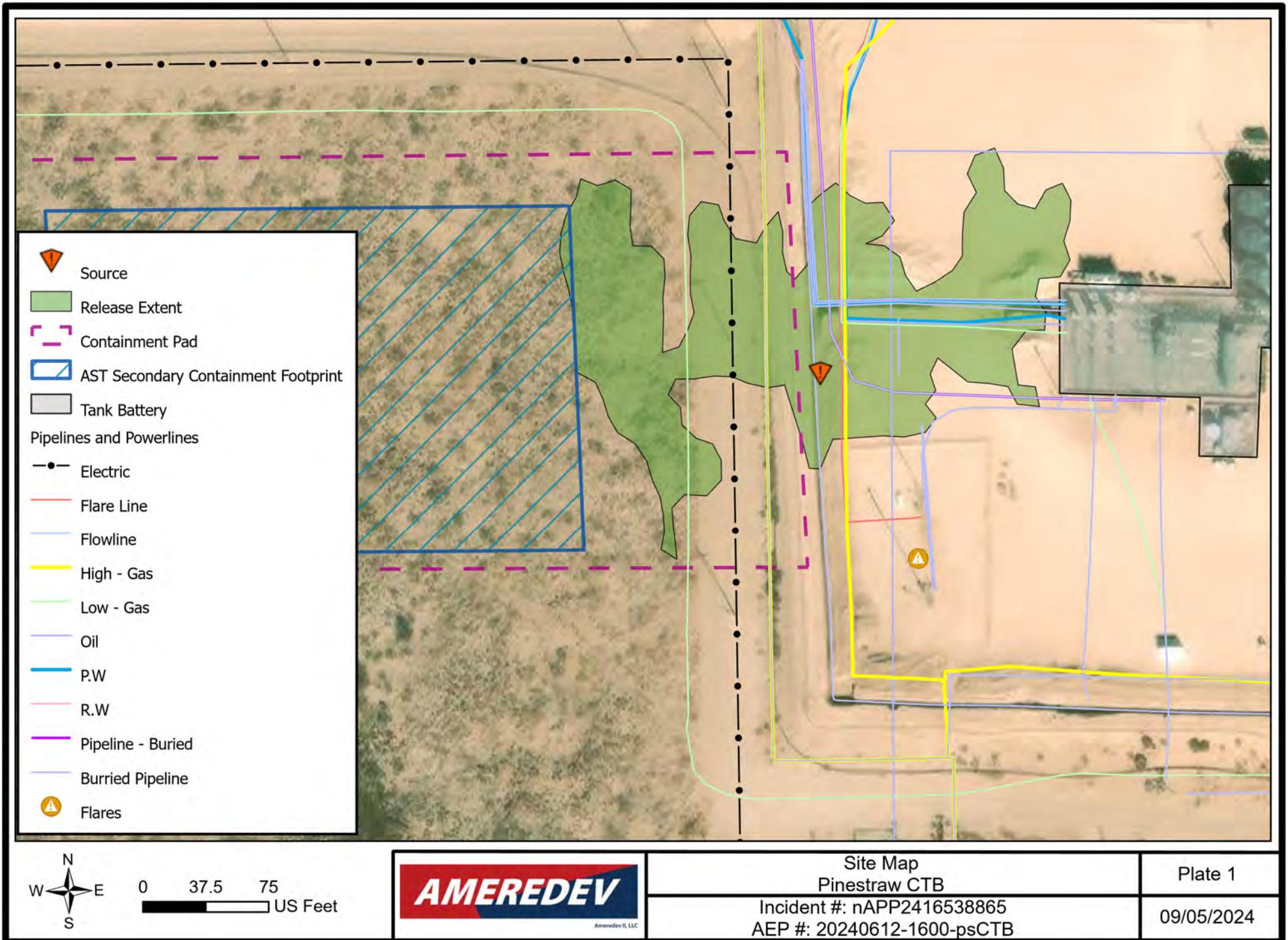
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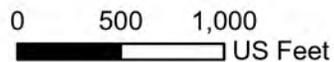
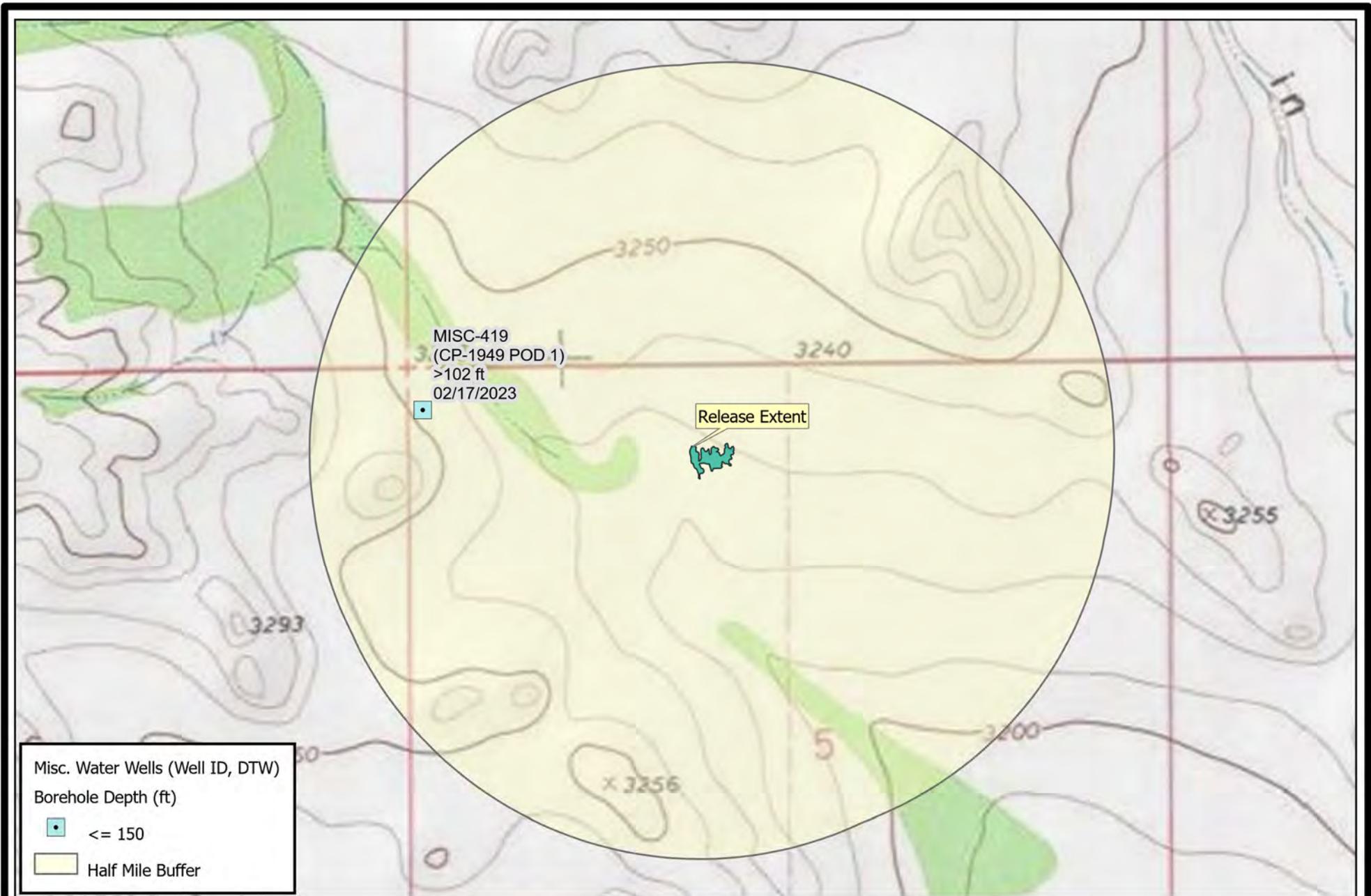


Plates



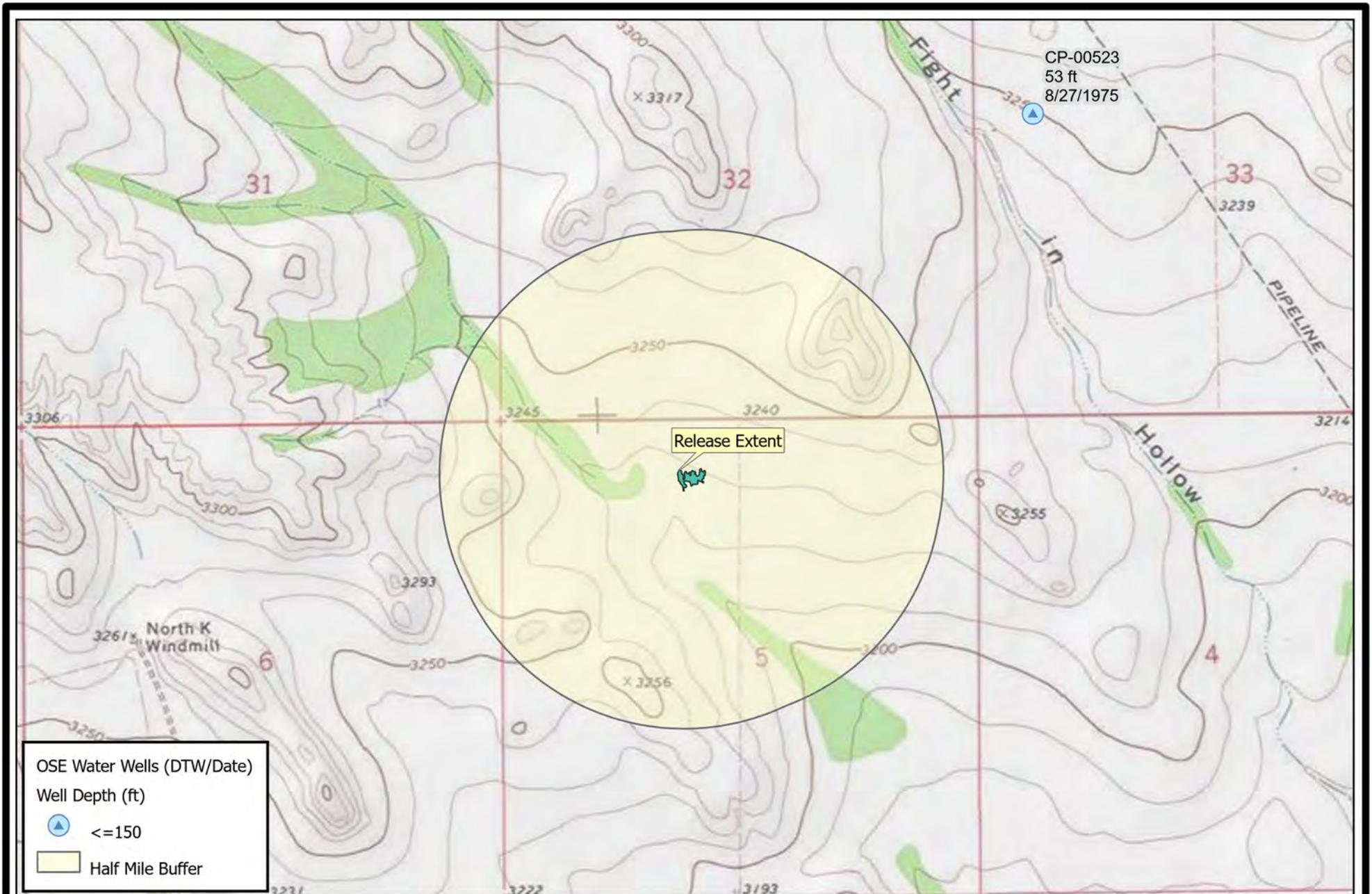
Ameredev II, LLC



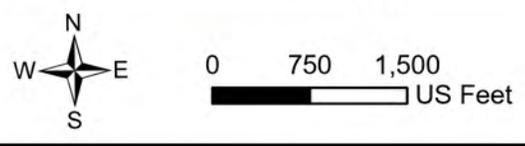


Depth to Water Pinestraw CTB
Incident #: nAPP2416538865 AEP #: 20240612-1600-psCTB

Plate 2
08/21/2024

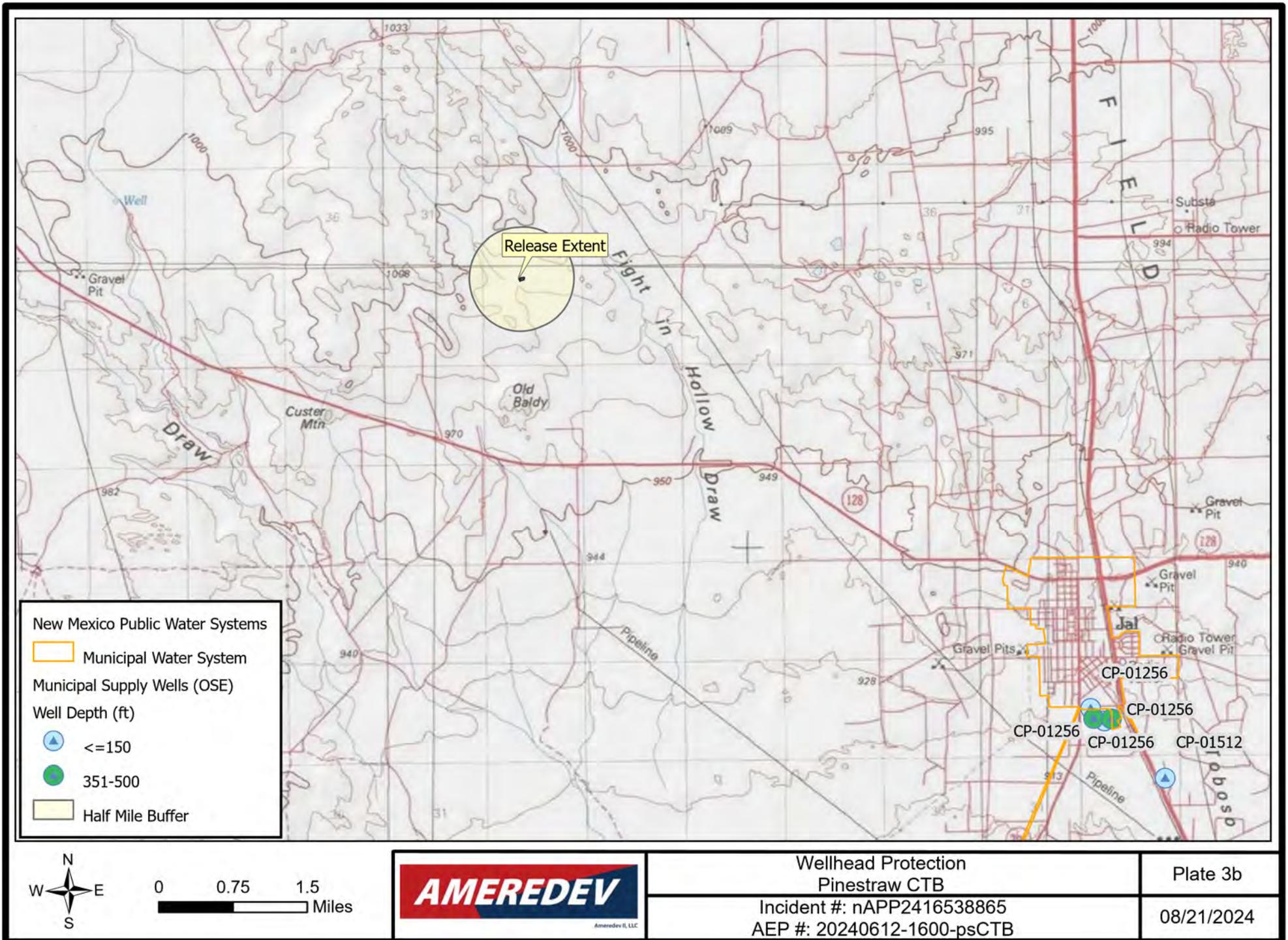


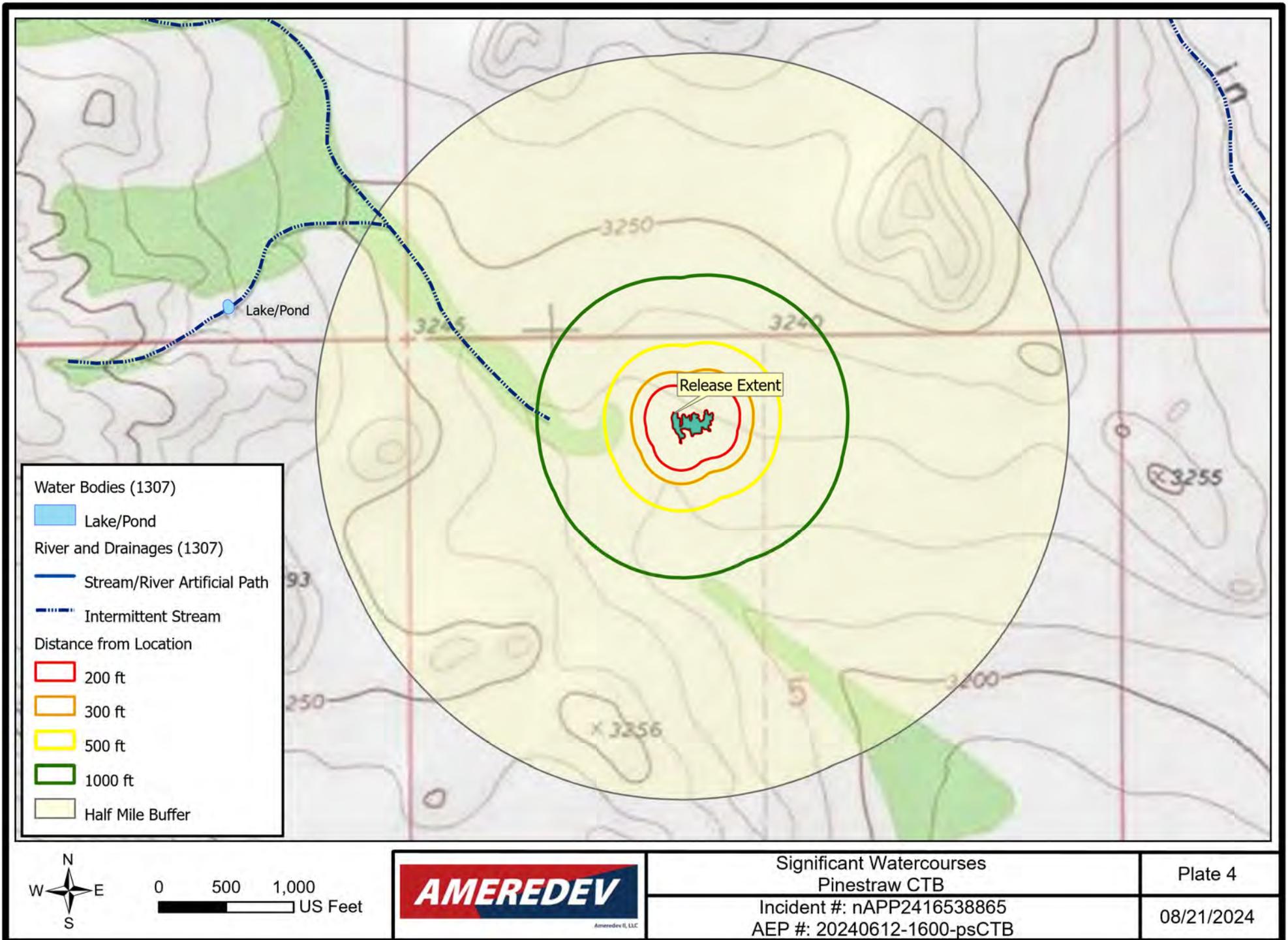
OSE Water Wells (DTW/Date)
Well Depth (ft)
● ≤150
□ Half Mile Buffer

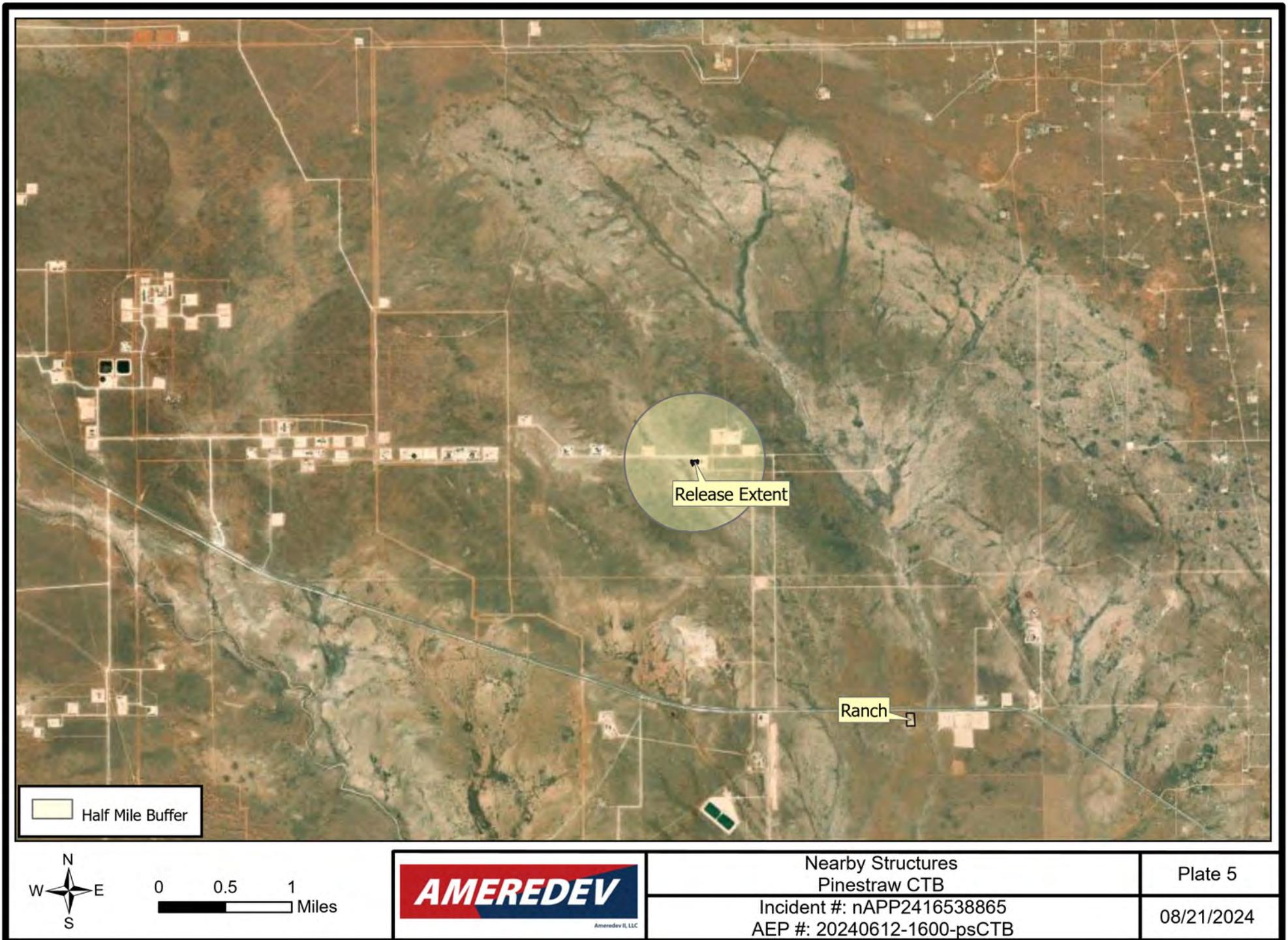


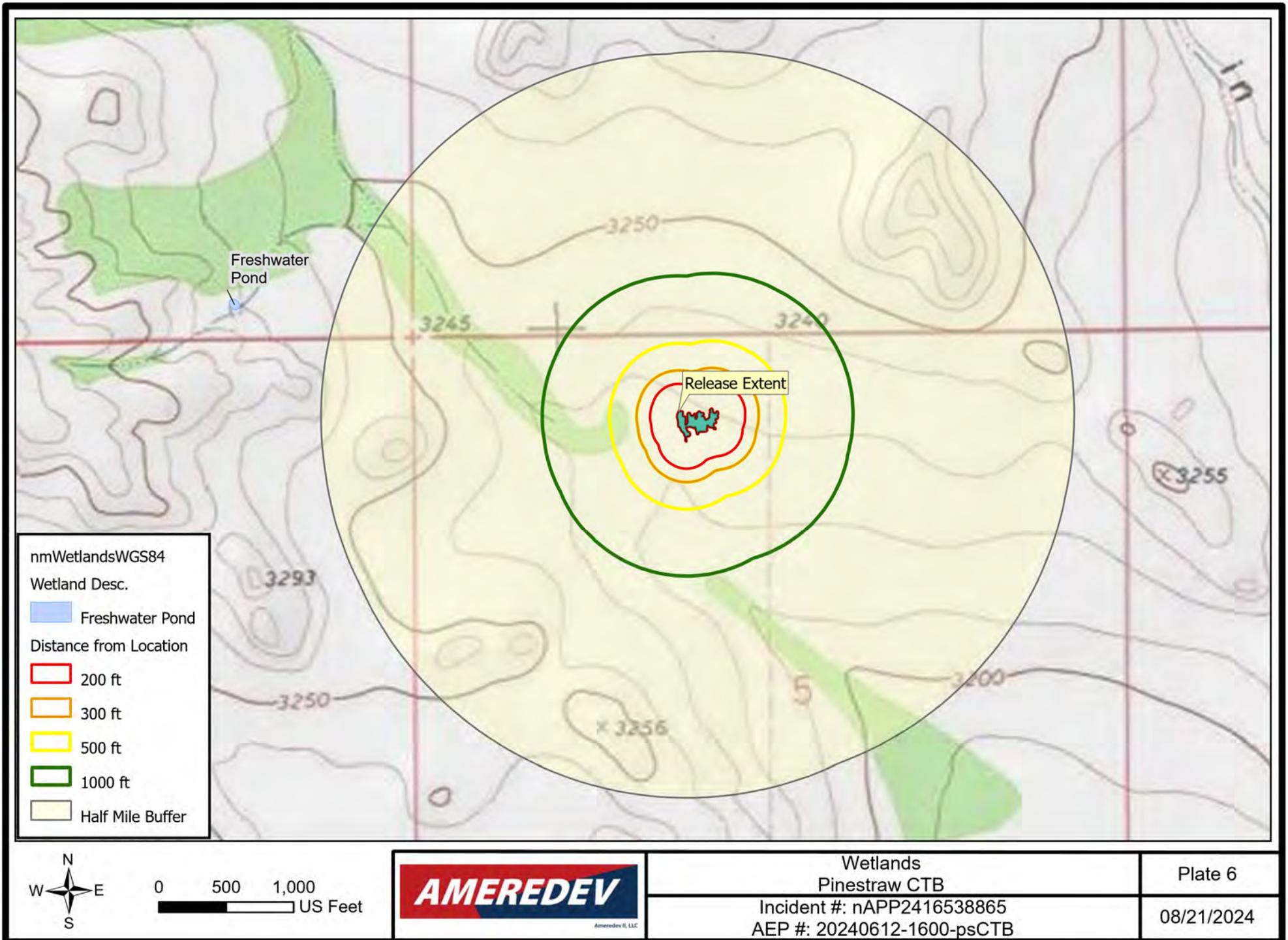
Wellhead Protection
Pinestraw CTB
Incident #: nAPP2416538865
AEP #: 20240612-1600-psCTB

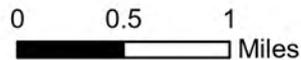
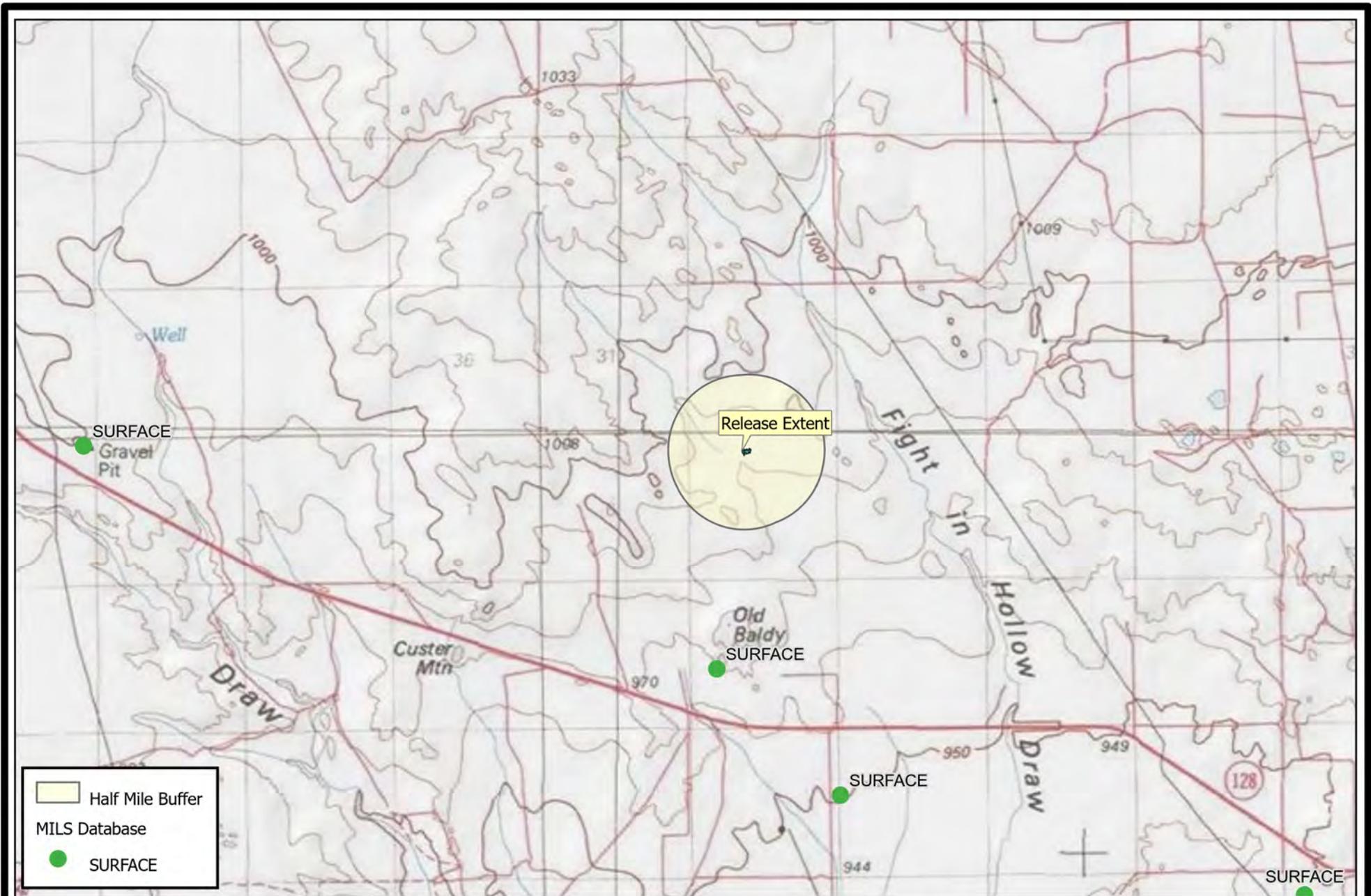
Plate 3a
08/21/2024





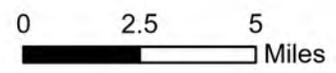
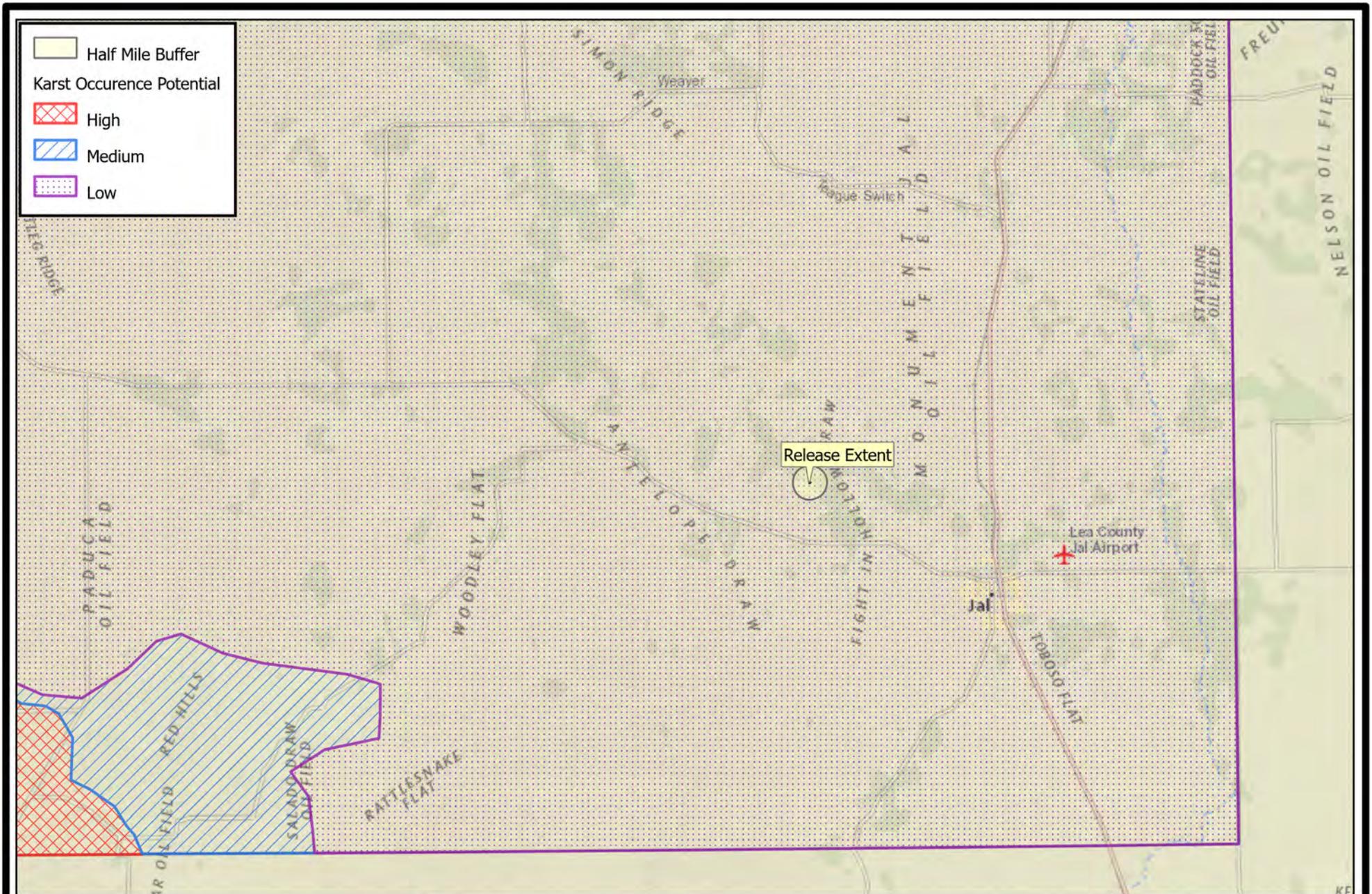






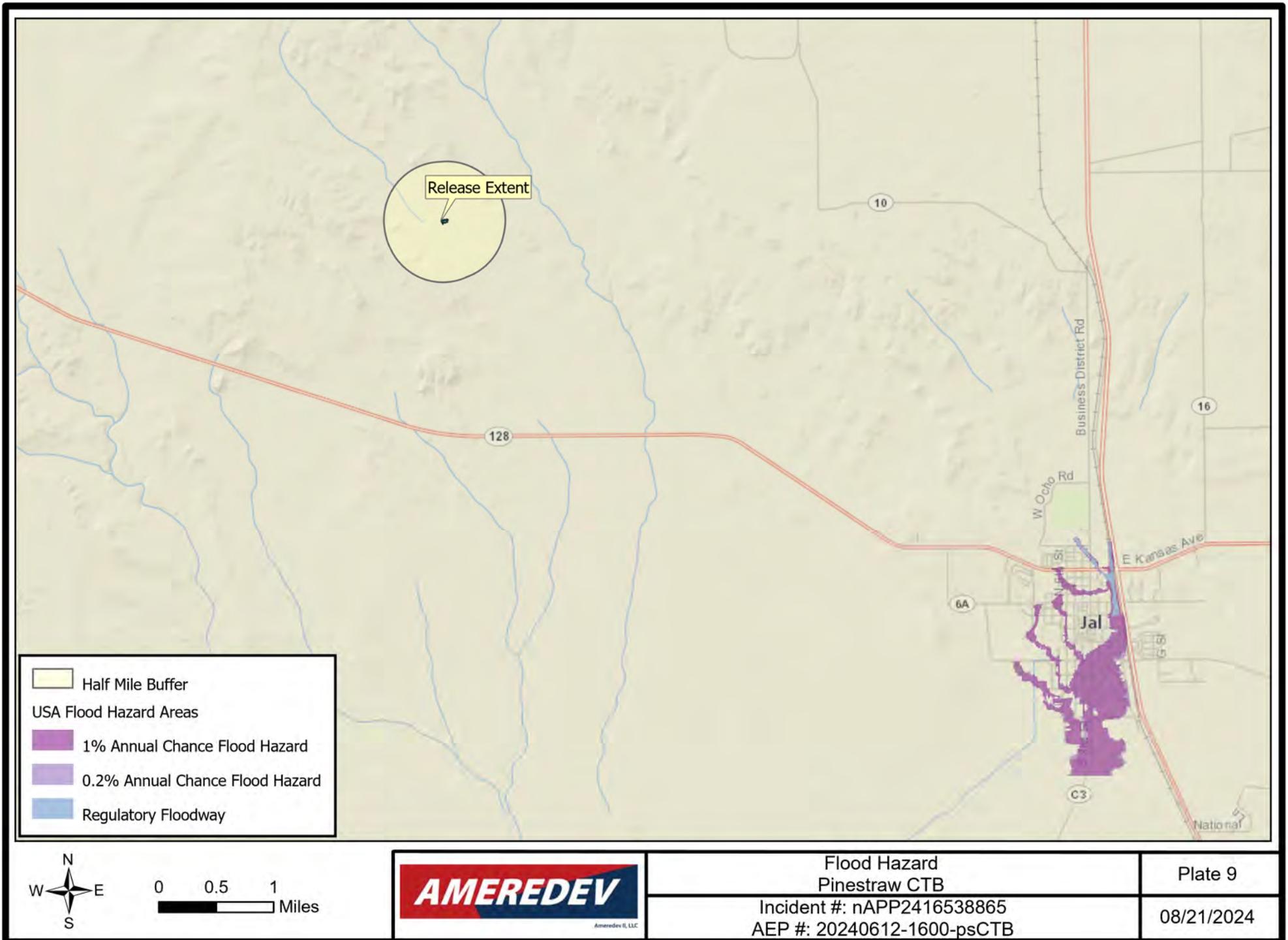
Mines and Minerals Pinestraw CTB
Incident #: nAPP2416538865 AEP #: 20240612-1600-psCTB

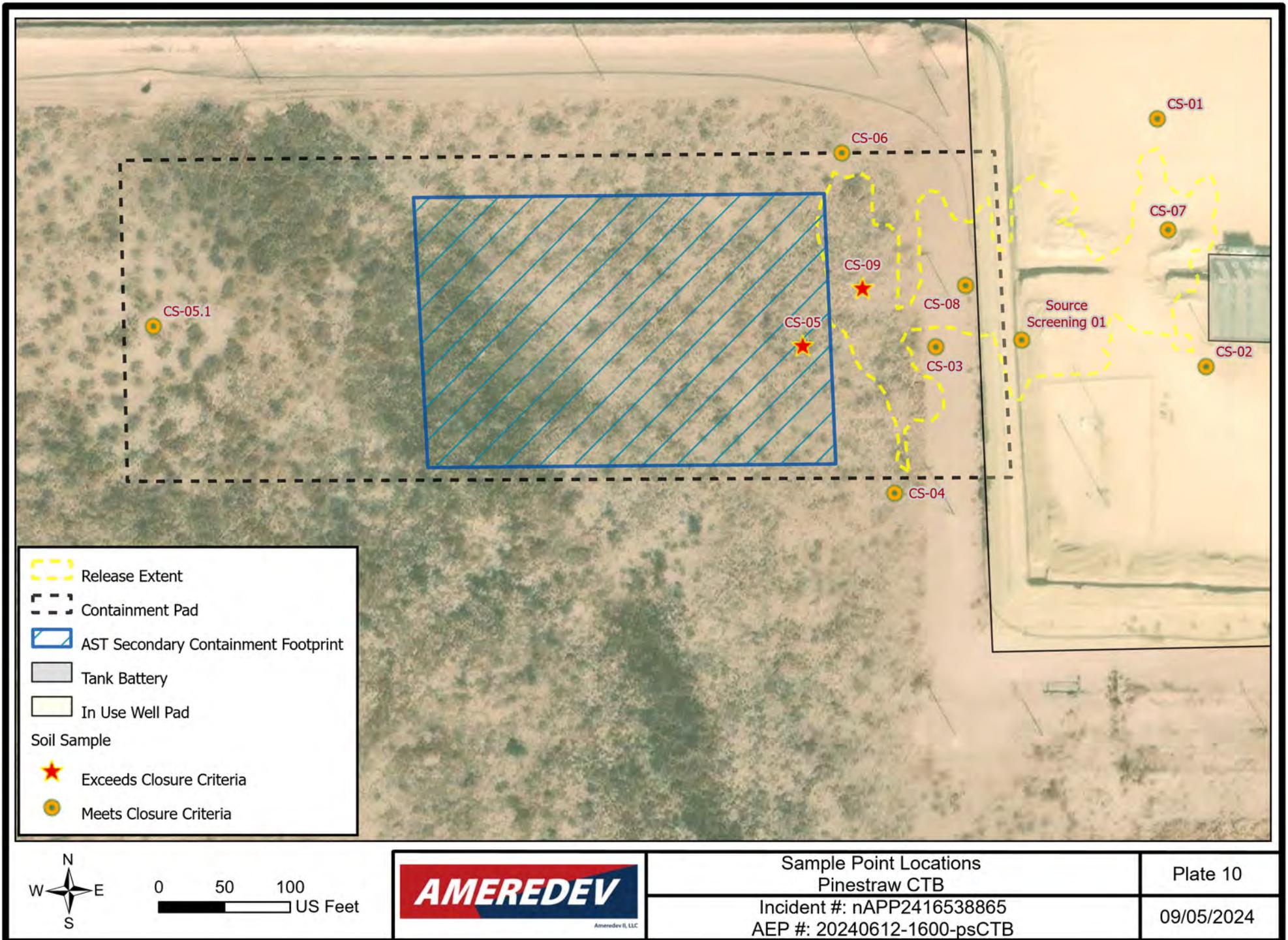
Plate 7
08/21/2024



Karst Potential Pinestraw CTB
Incident #: nAPP2416538865 AEP #: 20240612-1600-psCTB

Plate 8
08/21/2024





Tables



Ameredev II, LLC

September 4, 2024

Table A
Sample Point Coordinates

Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB

Sample ID	Coordinates
CS-01	103.2883737°W 32.1651149°N
CS-02	103.2882479°W 32.1645946°N
CS-03	103.2889227°W 32.1646443°N
CS-04	103.2890264°W 32.1643390°N
CS-05	103.2892474°W 32.1646502°N
CS-05.1	103.2908467°W 32.1647047°N
CS-06	103.2891389°W 32.1650517°N
CS-07	103.2883448°W 32.1648858°N
CS-08	103.2888452°W 32.1647731°N
CS-09	103.2891013°W 32.1647736°N

September 4, 2024

Table B
Summary of Analytical

Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB

Sample ID	Date	Discrete Depth (Feet)	Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
										(Hall/Cardinal)	
NMOCD Closure Criteria											
0 - 4 feet & "not in-use"				600	--	100	10	50			
> 4 ft or "in-use"				20,000	1,000	2,500	10	50			
Source Screening 01	6/12/2024	2.5	on pad	1100	<20	<30	<0.05	<0.3		Cardinal	H243450
CS-01	8/29/2024	0	on pad	32	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-01	8/29/2024	2	on pad	96	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-01	8/29/2024	4	on pad	192	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-02	8/29/2024	0	on pad	32	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-02	8/29/2024	2	on pad	32	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-02	8/29/2024	4	on pad	32	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-03	8/29/2024	0	on pad	96	<35.4	<45.4	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-03	8/29/2024	2	on pad	32	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-03	8/29/2024	4	on pad	16	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-04	8/30/2024	0	on pad	80	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-04	8/30/2024	2	on pad	80	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-04	8/30/2024	4	on pad	64	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-05	8/30/2024	0	off site	144	<20	<30	<0.05	<0.3		Cardinal	H245318
CS-05	8/30/2024	2	off site	464	<20	<30	<0.05	<0.3		Cardinal	H245318
CS-05	8/30/2024	4	off site	3200	<20	<30	<0.05	<0.3		Cardinal	H245318
CS-05.1	8/30/2024	0	off site	144	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS.05.1	8/30/2024	2	off site	96	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-05.1	8/30/2024	4	off site	240	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-06	8/30/2024	0	on pad	112	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-06	8/30/2024	2	on pad	64	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-06	8/30/2024	4	on pad	64	<20	<30	<0.05	<0.3	Horizontal Delineation	Cardinal	H245318
CS-07	8/30/2024	0	on pad	1140	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-07	8/30/2024	2	on pad	96	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-07	8/30/2024	4	on pad	80	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-08	8/30/2024	0	on pad	48	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-08	8/30/2024	2	on pad	64	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-08	8/30/2024	4	on pad	32	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318

September 4, 2024

Table B
Summary of Analytical

Incident ID: nAPP2416538865
Pinestraw CTB
Project ID #: 20240612-1600-psCTB

Sample ID	Date	Discrete Depth (Feet)	Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
										(Hall/Cardinal)	
NMOCD Closure Criteria											
0 - 4 feet & "not in-use"				600	--	100	10	50			
> 4 ft or "in-use"				20,000	1,000	2,500	10	50			
CS-09	8/30/2024	0	on pad	2160	<39.9	<49.9	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-09	8/30/2024	2	on pad	3680	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-09	8/30/2024	4	on pad	416	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-09	8/30/2024	5	on pad	176	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-09	8/30/2024	6	on pad	560	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
CS-09	8/30/2024	8	on pad	224	<20	<30	<0.05	<0.3	Vertical Delineation	Cardinal	H245318
Exceeds Closure Criteria											

Appendix A

Communications



Ameredev II, LLC

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 353826

QUESTIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 353826
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	20240612-1600-psCTB
Date Release Discovered	06/12/2024
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 1,434 BBL Recovered: 0 BBL Lost: 1,434 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Information pending regarding amount recovered. Soil samples to lab to determine if area is impacted by constituents of concern.

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

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

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

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

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

QUESTIONS, Page 2

Action 353826

QUESTIONS (continued)

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 353826
	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 Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

Per Paragraph 4 of Subsection B of 19.15.29.8 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.

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

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 1220 S. St Francis Dr., Santa Fe, NM 87505
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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 353826

ACKNOWLEDGMENTS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 353826
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

Action 353826

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 353826
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
aparker1969	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	6/13/2024

June 18, 2024

Volume Calculations

20240612-1600-psCTB
nAPP2416538865

Spill Dimensions to Volume of Release				From GIS			
Input	volume of affected soil	[feet^3]	69748.15			Sq. Ft	32441
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35			Depth (ft)	2.15
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.10			Cu. Ft	69748.15
Output	volume of fluid	[feet^3]	2441.2				
		[gal]	18261.3				
		Barrels	434.8				

From: OCDOnline@state.nm.us
To: [Andrew Parker](#)
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 353826
Date: Thursday, June 13, 2024 10:48:27 AM

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

Spam Content [Details](#)

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

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

The OCD has accepted the submitted *Notification of a release* (NOR), for incident ID (n#) nAPP2416538865, 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 nAPP2416538865, 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: OCDOnline@state.nm.us
To: [Andrew Parker](#)
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 355342
Date: Tuesday, June 18, 2024 9:19:29 AM

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

Spam Content [Details](#)

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

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2416538865, with the following conditions:

- **None**

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

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

Thank you,
Scott Rodgers
Environmental Specialist - A
505-469-1830
scott.rodgers@emnrd.nm.gov

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

From: OCDOnline@state.nm.us
To: [Andrew Parker](#)
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 376865
Date: Friday, August 23, 2024 10:24:49 AM

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

Spam Content [Details](#)

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

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2416538865.

The sampling event is expected to take place:

When: 08/29/2024 @ 12:01

Where: C-05-25S-36E 0 FNL 0 FEL (32.1646835,-103.2887158)

Additional Information: Jesus Palomares 575-605-4276

Additional Instructions: At the intersection of Highway 128 and Highway 18 head West
Continue West for 5.6 miles
Turn North onto the lease road,
Head North for 1.9 miles
Head East for 2,921ft
Head south for 131ft, to arrive at the Pinestraw CTB Pad

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

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

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

From: OCDOnline@state.nm.us
To: [Andrew Parker](#)
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 376866
Date: Friday, August 23, 2024 10:27:07 AM

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

Spam Content [Details](#)

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

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2416538865.

The sampling event is expected to take place:

When: 08/30/2024 @ 08:00

Where: C-05-25S-36E 0 FNL 0 FEL (32.1646835,-103.2887158)

Additional Information: Jesus Palomares 575-605-4276

Additional Instructions: At the intersection of Highway 128 and Highway 18 head West
Continue West for 5.6 miles
Turn North onto the lease road,
Head North for 1.9 miles
Head East for 2,921ft
Head south for 131ft, to arrive at the Pinestraw CTB Pad

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

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

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

Appendix B

Well Logs



Ameredev II, LLC



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

March 3, 2023

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

Hand Delivered to the DII Office of the State Engineer

Re: Well Record CP- 1949 POD-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, CP- 1949 POD-1

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

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive style.

Lucas Middleton

Enclosures: as noted above

2023 03 03 12:25:19 PM



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1949			
	WELL OWNER NAME(S) Ameredev Operating, LLC				PHONE (OPTIONAL) 737-300-4700			
	WELL OWNER MAILING ADDRESS 2901 Via Fortuna Suite 600				CITY Austin	STATE TX	ZIP 78746	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 9	56.72	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE	103	17	42.72	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW L4 Sec.5 T25S R36E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 2/17/23	DRILLING ENDED 2/17/23	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) ±102	DEPTH WATER FIRST ENCOUNTERED (FT) n/a			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a	DATE STATIC MEASURED 2/20/23		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER – SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 102		±6.25"	Boring-HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		

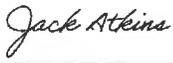
FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, fine-grained, poorly graded, Brown	Y ✓ N	
	4	20	16	Sand, fine-grained, poorly graded, with Caliche, Tan/off white	Y ✓ N	
	16	65	36	Sand, fine-grained, poorly grade, Tan Brown	Y ✓ N	
	65	102	37	Clay, with fine silt, Hard, Brownish Red, Dry	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well material removed , backfilled using drill cuttings to 10 feet below ground surface (bgs), then from 10 bgs to surface with hydrated bentonite, see attached plugging record. DTW-15	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	Jackie D. Atkins DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-1949 POD-1

Well owner: Ameredev Operating, LLC Phone No.: 737-300-4700

Mailing address: 2901 Via Fortuna Suite 600

City: Austin State: Texas Zip code: 78746

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Cameron Pruitt
- 4) Date well plugging began: 5/20/23 Date well plugging concluded: 5/20/23
- 5) GPS Well Location: Latitude: 32 deg, 9 min, 56.72 sec
Longitude: 103 deg, 17 min, 42.72 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 102 ft below ground level (bgl),
by the following manner: water level probe
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 1/18/23
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

15-WR-20 Well Record and Log-packet-orsign

Final Audit Report

2023-03-07

Created:	2023-03-07
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAsbdOUFeXZFKzOqbnr7TDtrW1ynkEgmh8

"15-WR-20 Well Record and Log-packet-orsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2023-03-07 - 8:40:37 PM GMT- IP address: 64.17.82.146
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2023-03-07 - 8:41:15 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2023-03-07 - 8:59:30 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2023-03-07 - 9:02:55 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2023-03-07 - 9:02:55 PM GMT

ESC OFF MAR 7 2023 14:02

80 MAR 18 PM 1 14

STATE ENGINEER OFFICE
WELL RECORD

SANTA FE
473825

STATE ENGINEER OFFICE
SANTA FE, N.M. 87501

Section 1. GENERAL INFORMATION

(A) Owner of well FRED COOPER Owner's Well No. _____
Street or Post Office Address _____
City and State Tal, New Mexico

Well was drilled under Permit No. CP 523 and is located in the:

a. SW $\frac{1}{4}$ NW $\frac{1}{4}$ W $\frac{1}{2}$ $\frac{1}{4}$ of Section 33 Township 24S Range 36E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in LEA County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor BAKER Drilling Co. License No. WD 274

Address Box 998 SEMINOLE TEXAS 79360

Drilling Began 8-21-75 Completed 8-27-75 Type tools Cable Size of hole 10 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 75 ft.

Completed well is shallow artesian. Depth to water upon completion of well 53 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
<u>53</u>	<u>73</u>	<u>20</u>	<u>sand</u>	<u>2GPM.</u>

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
<u>6 5/8</u>	<u>17</u>	<u>PE</u>	<u>0</u>	<u>75</u>	<u>75</u>	<u>PE</u>	<u>53</u>	<u>73</u>

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
<u>1</u>			
<u>2</u>			
<u>3</u>			
<u>4</u>			

State Engineer Representative

FOR USE OF STATE ENGINEER ONLY

Date Received Sept. 29, 1975

Quad _____ FWL _____ FSL _____

File No. CP-523 Use STK. Location No. 24.36.33.130

Appendix C

Certificates of Analysis



Ameredev II, LLC



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

June 17, 2024

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PINESTRAW CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/13/24 16:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/13/2024	Sampling Date:	06/12/2024
Reported:	06/17/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-CTB	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: SOURCE SCREENING 01 2.5FT (H243450-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2024	ND	1.80	90.1	2.00	1.10	
Toluene*	<0.050	0.050	06/14/2024	ND	1.81	90.6	2.00	2.52	
Ethylbenzene*	<0.050	0.050	06/14/2024	ND	1.84	91.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	06/14/2024	ND	5.47	91.2	6.00	0.989	
Total BTEX	<0.300	0.300	06/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	06/14/2024	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	06/14/2024	ND	179	89.5	200	3.27	
DRO >C10-C28*	<10.0	10.0	06/14/2024	ND	177	88.7	200	7.95	
EXT DRO >C28-C36	<10.0	10.0	06/14/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Amerdel LLC</u> Project Manager: <u>Andrew Parker</u> Address: <u>On-File</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>2024 06/12-1600-PB CTB</u> Project Location: <u>Phostrow CTB</u> Sampler Name: <u>Jesus Alvarez</u>		BILL TO P.O. #: <u>2024 06/12-1600-PB CTB</u> Company: <u>Amerdel LLC</u> Address: <u>aparker@amerdel.com</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D.: <u>H24345D</u> Sample I.D.: <u>1</u>		MATRIX (G)RAB OR (C)OMP. <u>91</u> # CONTAINERS GROUNDWATER WASTEWATER SOIL <input checked="" type="checkbox"/> OIL SLUDGE OTHER : ACID/BASE: ICE / COOL <input checked="" type="checkbox"/> OTHER :	
DATE <u>06-12-24</u> TIME <u>0847</u>		SAMPLING <u>Chloride</u> <u>TPH (GRO+DRO+MRO)</u> <u>BTEX (Benzene)</u>	
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.			
Relinquished By: <u>[Signature]</u> Date: <u>06-13-24</u> Time: <u>10:00</u>		Received By: <u>[Signature]</u> Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other <input type="checkbox"/>		Observed Temp. °C: <u>9.4</u> Corrected Temp. °C: _____	
Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) _____	
Turnaround Time: _____ Thermometer ID #/40 _____ Correction Factor / °C _____		Standard <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> RUSH <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
REMARKS: <u>PUSH 48 HR!</u> <u>TEMP Blank: 2.3i</u> <u>SR</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	

† Cardinal cannot accept verbal changes to chain of custody email changes to celey.keene@cardinallabsnm.com



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

September 04, 2024

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PINESTRAW CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/30/24 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 01 0 FT (H245318-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 01 2 FT (H245318-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 01 4 FT (H245318-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 02 0 FT (H245318-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 02 2 FT (H245318-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 02 4 FT (H245318-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 03 0 FT (H245318-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	25.4	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 03 2 FT (H245318-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/29/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 03 4 FT (H245318-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 04 0 FT (H245318-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 04 2 FT (H245318-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 55.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 04 4 FT (H245318-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/03/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 05 0 FT (H245318-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/03/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 05 2 FT (H245318-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	09/03/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 05 4 FT (H245318-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 06 0 FT (H245318-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 06 2 FT (H245318-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 06 4 FT (H245318-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67	
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/03/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 07 0 FT (H245318-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 07 2 FT (H245318-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	2.12	106	2.00	5.67		
Toluene*	<0.050	0.050	09/03/2024	ND	2.18	109	2.00	5.47		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	2.20	110	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	6.76	113	6.00	5.18		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	206	103	200	0.0916		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	210	105	200	4.88		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 07 4 FT (H245318-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 08 0 FT (H245318-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 08 2 FT (H245318-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 08 4 FT (H245318-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 09 0 FT (H245318-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	29.9	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 09 2 FT (H245318-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 09 4 FT (H245318-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 09 5 FT (H245318-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 09 6 FT (H245318-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 09 8 FT (H245318-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 05.1 0 FT (H245318-31)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96		
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36		
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31		
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43		
Total BTEX	<0.300	0.300	09/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/03/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304		
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93		
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND						

Surrogate: 1-Chlorooctane 61.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 05.1 2 FT (H245318-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96	
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/03/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 66.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/30/2024	Sampling Date:	08/30/2024
Reported:	09/04/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-PSCTB	Sample Received By:	Alyssa Parras
Project Location:	NONE GIVEN		

Sample ID: CS - 05.1 4 FT (H245318-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	ND	1.89	94.5	2.00	1.96	
Toluene*	<0.050	0.050	09/03/2024	ND	1.84	92.0	2.00	1.36	
Ethylbenzene*	<0.050	0.050	09/03/2024	ND	1.85	92.6	2.00	1.31	
Total Xylenes*	<0.150	0.150	09/03/2024	ND	5.53	92.1	6.00	1.43	
Total BTEX	<0.300	0.300	09/03/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/03/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/03/2024	ND	184	92.2	200	0.304	
DRO >C10-C28*	<10.0	10.0	09/03/2024	ND	190	95.1	200	3.93	
EXT DRO >C28-C36	<10.0	10.0	09/03/2024	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 49.1-148

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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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Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amerdev LLC Project Manager: Andrew Parker Address: On-File City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: 2024 0612 - 1606-PS CTB Project Location: Pheshtau CTB Sampler Name: Jesus Palomares		BILL TO P.O. #: 20240612-1606-PS CTB Company: Amerdev Attn: aparker@amerdev.com Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. H24538 Sample I.D. _____		FOR LAB USE ONLY MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: _____ PRESERV: ACID/BASE, ICE/COOL, OTHER: _____ SAMPLING: DATE, TIME	
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Relinquished By: _____ Date: 08/30 Time: 15:55 Received By: ADAWA Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: 4.0 Corrected Temp. °C: 4.0 Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) AP Turnaround Time: FB 3.3c Standard <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Thermometer ID #140 <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C: _____ Correction Factor 0% <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C: _____	
Remarks: _____		Remarks: _____	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Amecker LLC</u> Project Manager: <u>Andrew Parker</u> Address: <u>On-File</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>2024 0612-1600-PS CTB</u> Project Location: <u>Pinetree CTB</u> Sampler Name: <u>Jesus Palomares</u>		P.O. #: <u>2024 0612-1600-PS CTB</u> Company: <u>Amecker</u> Attn: <u>a.parker@amecker.com</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <u>1124528</u> Sample I.D. _____ 11 <u>CS-04</u> 2ft 12 <u>CS-04</u> 4ft 13 <u>CS-05</u> 0ft 14 <u>CS-05</u> 2ft 15 <u>CS-05</u> 4ft 16 <u>CS-06</u> 0ft 17 <u>CS-06</u> 2ft 18 <u>CS-06</u> 4ft 19 <u>CS-07</u> 0ft 20 <u>CS-07</u> 2ft		BILL TO ANALYSIS REQUEST	
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Relinquished By: _____ Date: <u>08-30</u> Time: <u>15:55</u> Received By: <u>AParker</u> Date: _____ Time: _____		PRESERV. _____ SAMPLING _____ DATE _____ TIME _____ 08-30 08:24 08:32 08:51 08:54 09:15 09:31 09:50 10:02 10:16	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <u>40°C</u> Corrected Temp. °C <u>40°C</u> Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) <u>AP</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS: <u>TB 3.3.1</u> Turnaround Time: _____ Thermometer ID #140 <u>Rush</u> Correction Factor °C: <u>-0.0°C</u> Bacteria (only) Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Amerdev
 Project Manager: Andrew Parker
 Address: On-File
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: 2024 0612-1600-05 CTB
 Project Location: Pines Trngy CTB
 Sampler Name: Seas Palomares
 P.O. #: 2024 0612-1600-05 CTB
 Company: Amerdev
 Attn: aparker@amerdev.com
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H24538	CS-07	SOIL	✓	✓	08-30	10:21	Chloride
21	CS-08	SOIL	✓	✓	08-30	10:38	TPH (GRO+DRO+MRO)
22	CS-08	SOIL	✓	✓	08-30	10:40	BTEX (Benzene)
23	CS-08	SOIL	✓	✓	08-30	10:40	
24	CS-09	SOIL	✓	✓	08-30	10:57	
25	CS-09	SOIL	✓	✓	08-30	11:01	
26	CS-09	SOIL	✓	✓	08-30	11:13	
27	CS-09	SOIL	✓	✓	08-30	11:22	
28	CS-09	SOIL	✓	✓	08-30	11:40	
29	CS-09	SOIL	✓	✓	08-30	11:42	
30	CS-09	SOIL	✓	✓	08-30	11:42	

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Relinquished By: _____ Date: 08-30
 Relinquished By: _____ Date: 1555
 Received By: _____
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS: FB 3:32 Standard
 Turnaround Time: 3:32
 Thermometer ID #140 Bacteria (only) Sample Condition
 Correction Factor etc -0.00248 Cool Intact Observed Temp. °C
 Yes No Yes No Corrected Temp. °C

Delivered By: (Circle One) Observed Temp. °C 40.0
 Sampler - UPS - Bus - Other: Corrected Temp. °C 40.0
 Sample Condition: Intact Cool Intact
 Yes No Yes No
 CHECKED BY: (Initials) AP
 Add'l Phone #: _____
 Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C
 Yes No Yes No Corrected Temp. °C



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Analytical Results For:

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

Received:	06/13/2024	Sampling Date:	06/12/2024
Reported:	06/17/2024	Sampling Type:	Soil
Project Name:	PINESTRAW CTB	Sampling Condition:	Cool & Intact
Project Number:	20240612-1600-CTB	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: SOURCE SCREENING 01 2.5FT (H243450-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/14/2024	ND	1.80	90.1	2.00	1.10	
Toluene*	<0.050	0.050	06/14/2024	ND	1.81	90.6	2.00	2.52	
Ethylbenzene*	<0.050	0.050	06/14/2024	ND	1.84	91.8	2.00	1.73	
Total Xylenes*	<0.150	0.150	06/14/2024	ND	5.47	91.2	6.00	0.989	
Total BTEX	<0.300	0.300	06/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	06/14/2024	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	06/14/2024	ND	179	89.5	200	3.27	
DRO >C10-C28*	<10.0	10.0	06/14/2024	ND	177	88.7	200	7.95	
EXT DRO >C28-C36	<10.0	10.0	06/14/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Amerdel LLC</u> Project Manager: <u>Andrew Parker</u> Address: <u>On-File</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>2024 0612-1600-PB CTB</u> Project Location: <u>Phostrow CTB</u> Sampler Name: <u>Jesus Alvarado</u>		BILL TO P.O. #: <u>2024 0612-1600-PB CTB</u> Company: <u>Amerdel LLC</u> Address: <u>aparker@amerdel.com</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D.: <u>H24345D</u> Sample I.D.: _____ Source Screening: <u>01 2.5H</u>		MATRIX (G)RAB OR (C)OMP. <u>91</u> # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL <input checked="" type="checkbox"/> OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL <input checked="" type="checkbox"/> OTHER: _____	
DATE <u>06-12-24</u> TIME <u>0847</u> DATE _____ TIME _____		ANALYSIS REQUEST <u>Chloride</u> <u>TPH (GRO+DRO+MRO)</u> <u>BTEX (Benzene)</u>	
Relinquished By: <u>[Signature]</u> Date: <u>06-13-24</u> Time: <u>10:00</u>		Received By: <u>[Signature]</u> Date: _____ Time: _____	
Delivered By: (Circle One) Sampler - UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other <input type="checkbox"/> Observed Temp. °C: <u>9.4</u> Corrected Temp. °C: _____		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Turnaround Time: _____ Thermometer ID #/40: _____ Correction Factor / °C: _____		Standard: <input checked="" type="checkbox"/> <u>48HR</u> RUSH: <input type="checkbox"/> Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ REMARKS: <u>PUSH 48 HR!</u> <u>TEMP Blank: 2.3i</u> <u>SR</u>	

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 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 381313

QUESTIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 381313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2416538865
Incident Name	NAPP2416538865 20240612-1600-PSCTB @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	20240612-1600-psCTB
Date Release Discovered	06/12/2024
Surface Owner	Private

Incident Details

Please answer all 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
Did this release result in any injuries	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: 435 BBL Recovered: 0 BBL Lost: 435 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Please note there was a data input error for the release volume on the original NOR and C-141. Note correct volume on original and resubmitted volume calculation document.

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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 381313

QUESTIONS (continued)

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 381313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

Per Paragraph (4) of Subsection B of 19.15.29.8 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 Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Andrew Parker Title: Environmental Scientist Email: aparker@ameredev.com Date: 09/06/2024
--	--

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 381313

QUESTIONS (continued)

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 381313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization
 Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan
 Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	3680
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	49.9
GRO+DRO	(EPA SW-846 Method 8015M)	39.9
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	11/06/2024
On what date will (or did) the final sampling or liner inspection occur	12/06/2024
On what date will (or was) the remediation complete(d)	12/18/2024
What is the estimated surface area (in square feet) that will be reclaimed	7000
What is the estimated volume (in cubic yards) that will be reclaimed	1037
What is the estimated surface area (in square feet) that will be remediated	7000
What is the estimated volume (in cubic yards) that will be remediated	1037

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

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

District IV
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QUESTIONS, Page 4

Action 381313

QUESTIONS (continued)

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 381313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Andrew Parker Title: Environmental Scientist Email: aparker@ameredev.com Date: 09/06/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 381313

QUESTIONS (continued)

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 381313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
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QUESTIONS, Page 6

Action 381313

QUESTIONS (continued)

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	Action Number: 381313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	376866
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/30/2024
What was the (estimated) number of samples that were to be gathered	27
What was the sampling surface area in square feet	32440

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 381313

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 381313
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. All off-pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the report has been reviewed.	9/17/2024