

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.

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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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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.

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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>

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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

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- 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.

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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.

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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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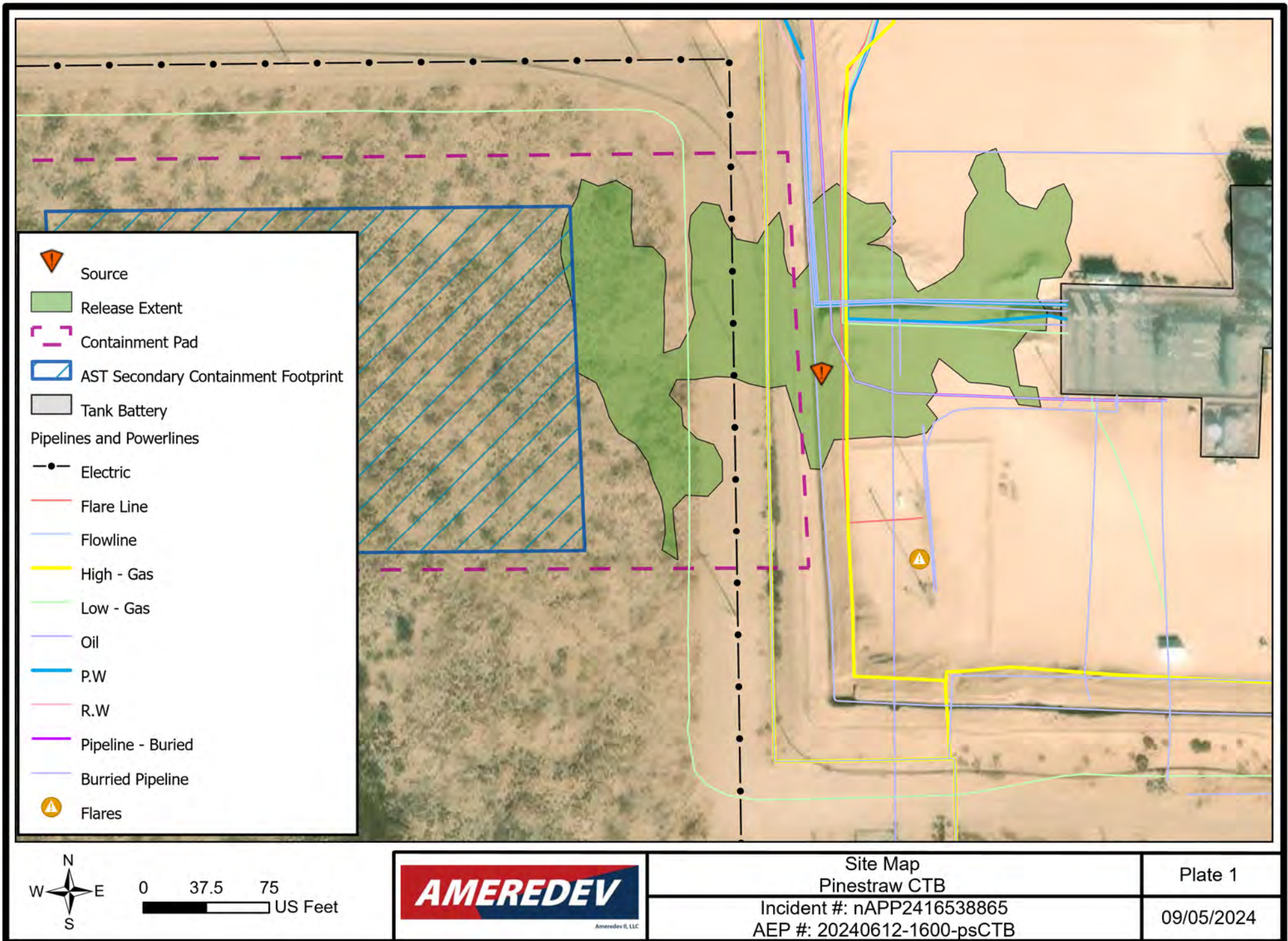


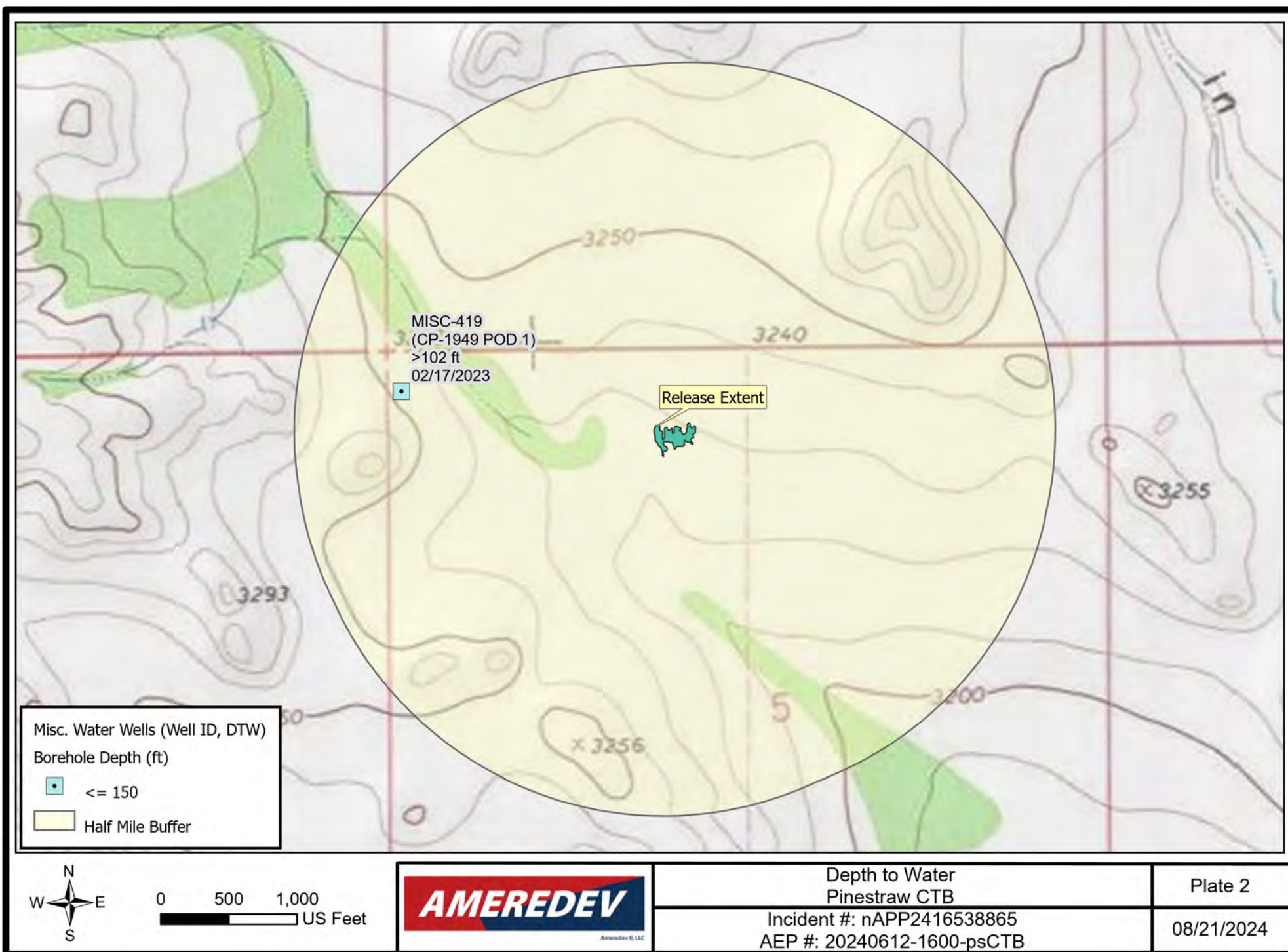
Ameredev II, LLC

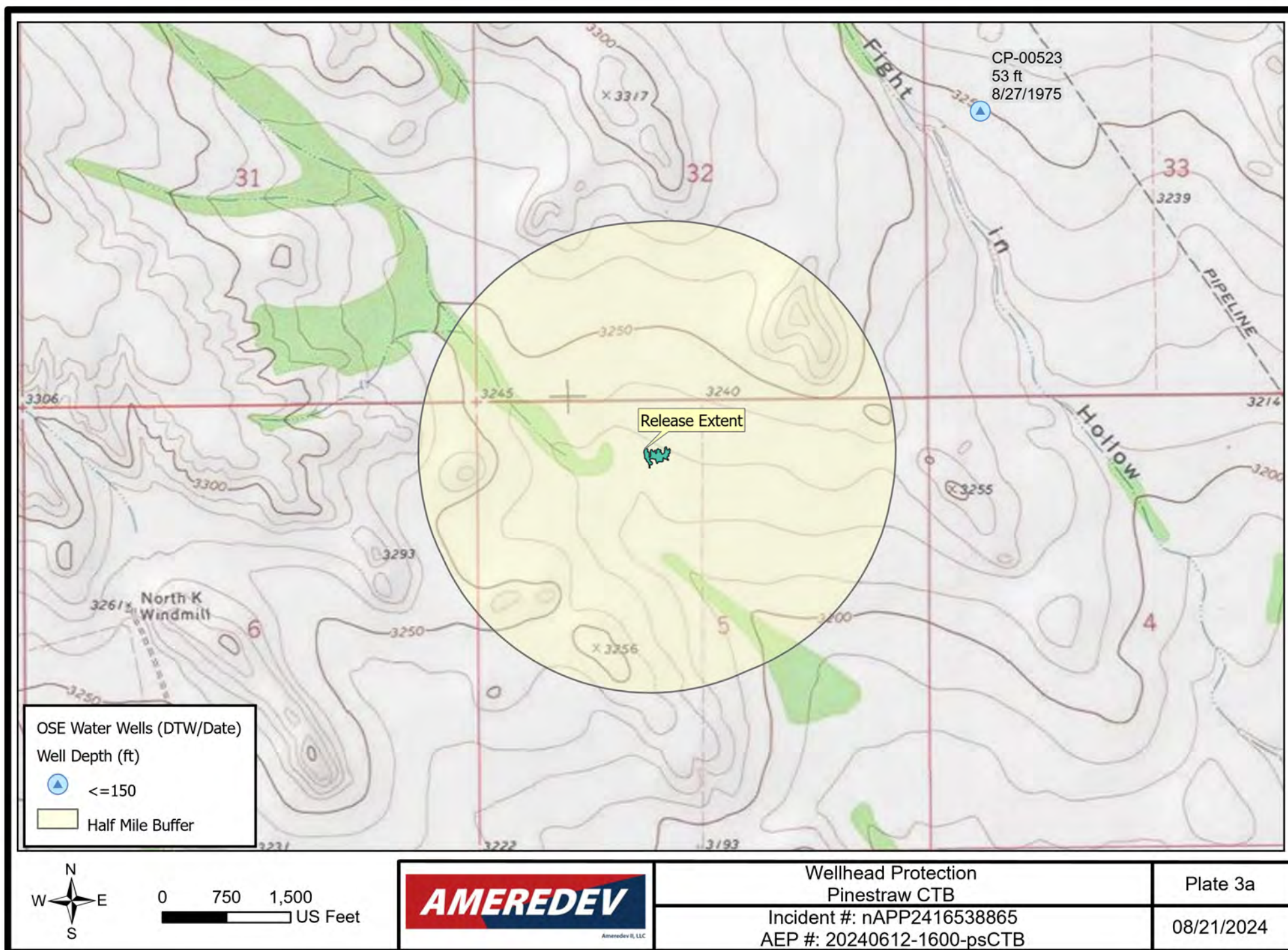
Plates

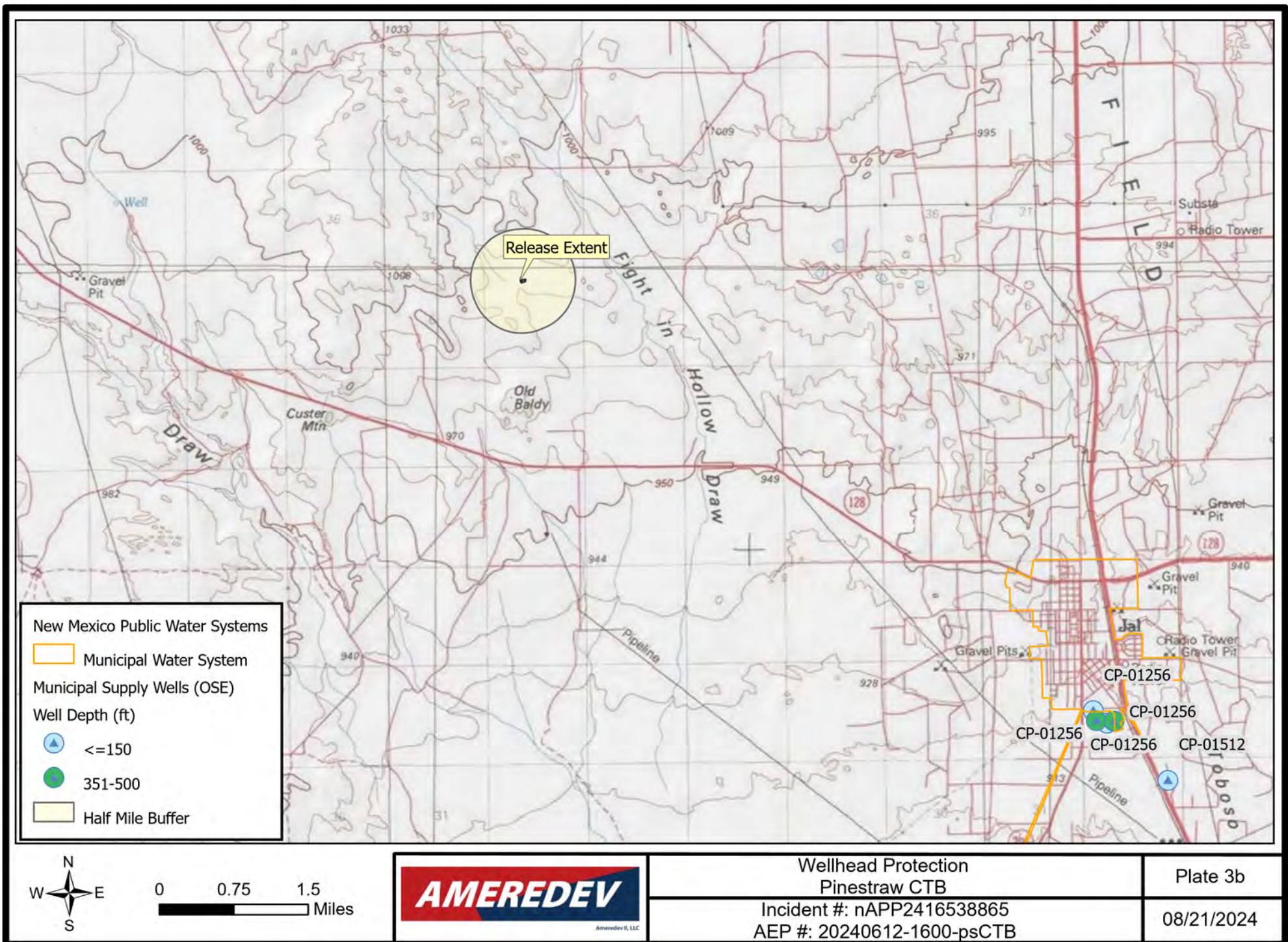


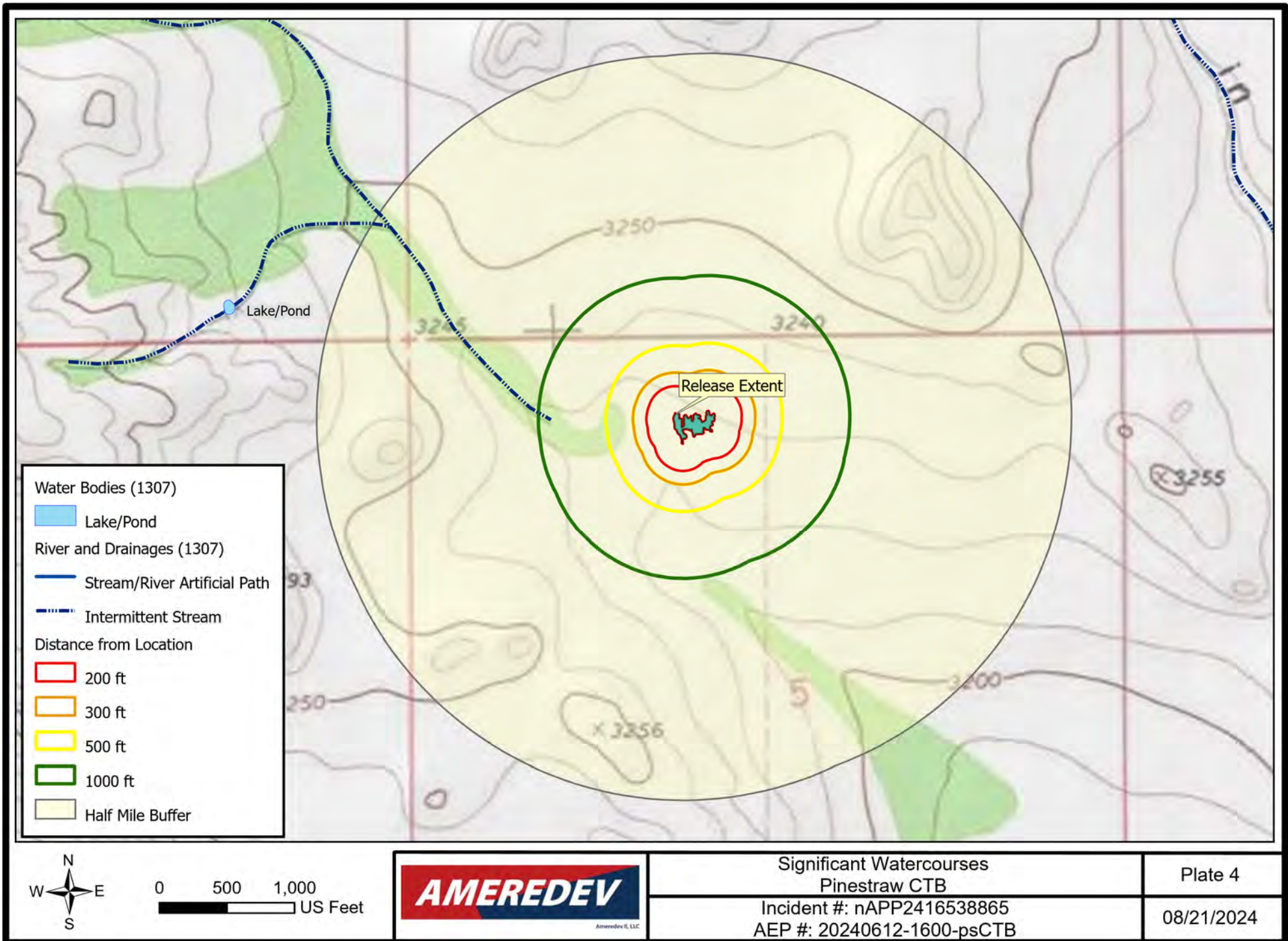
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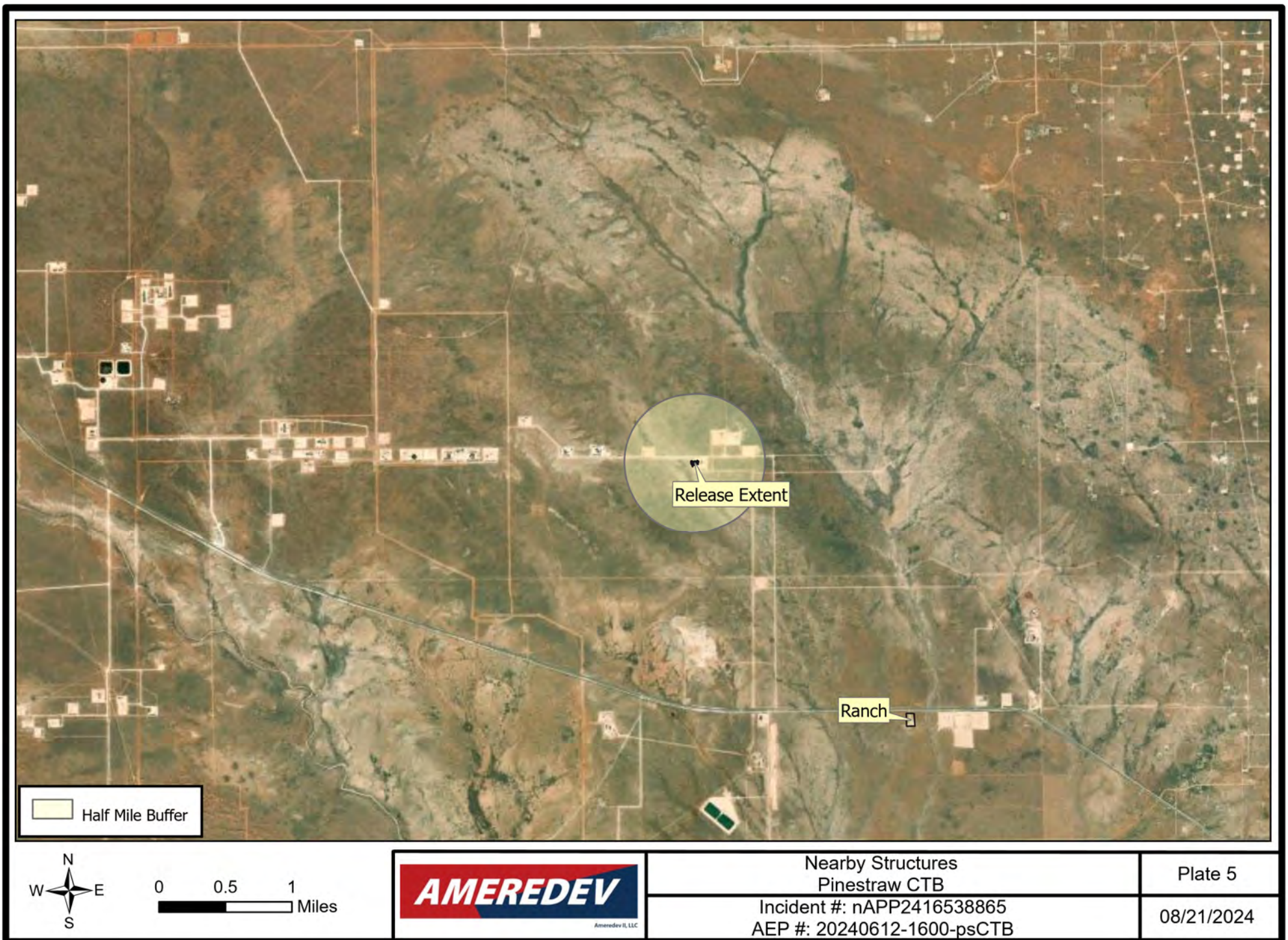


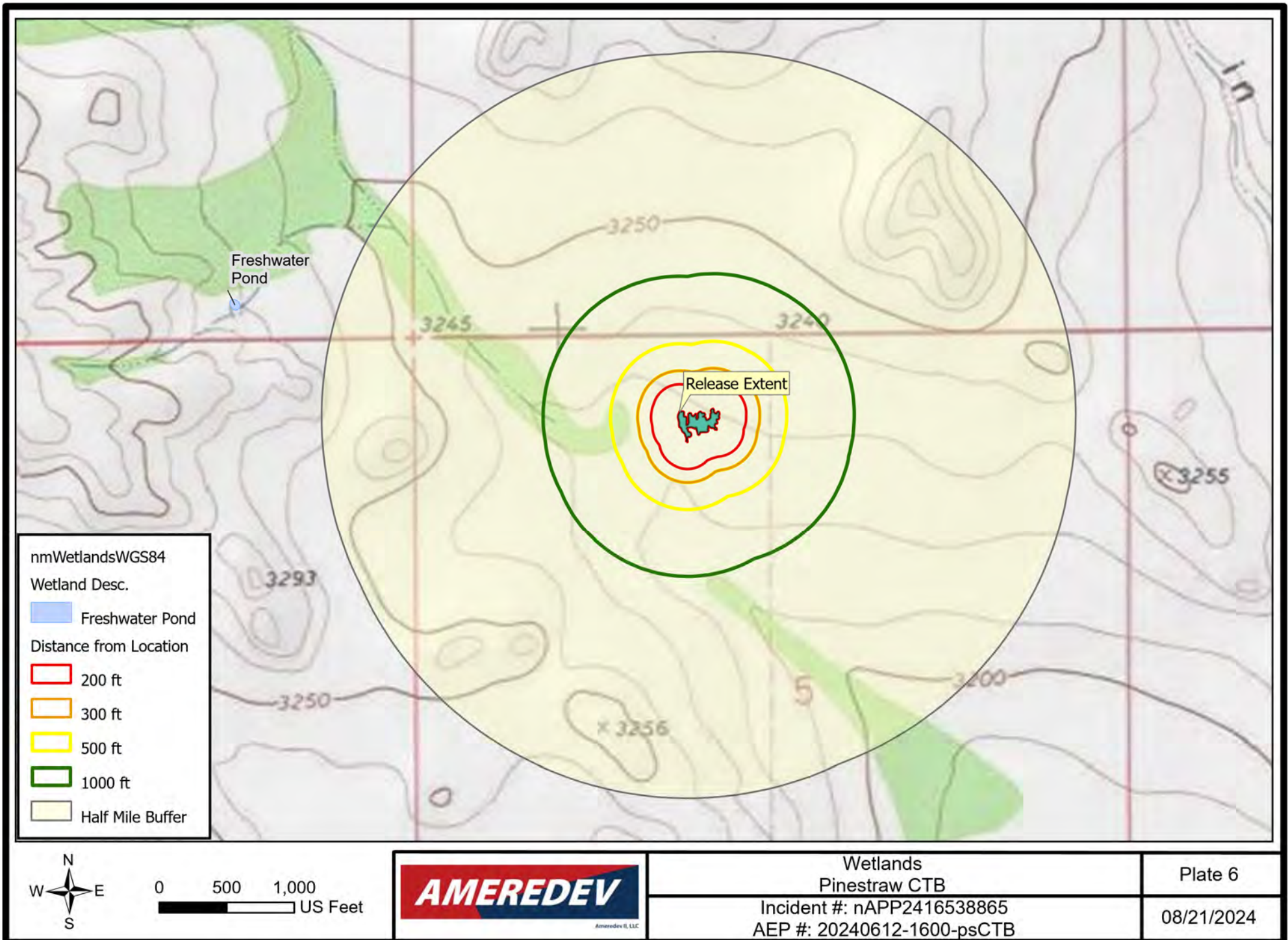


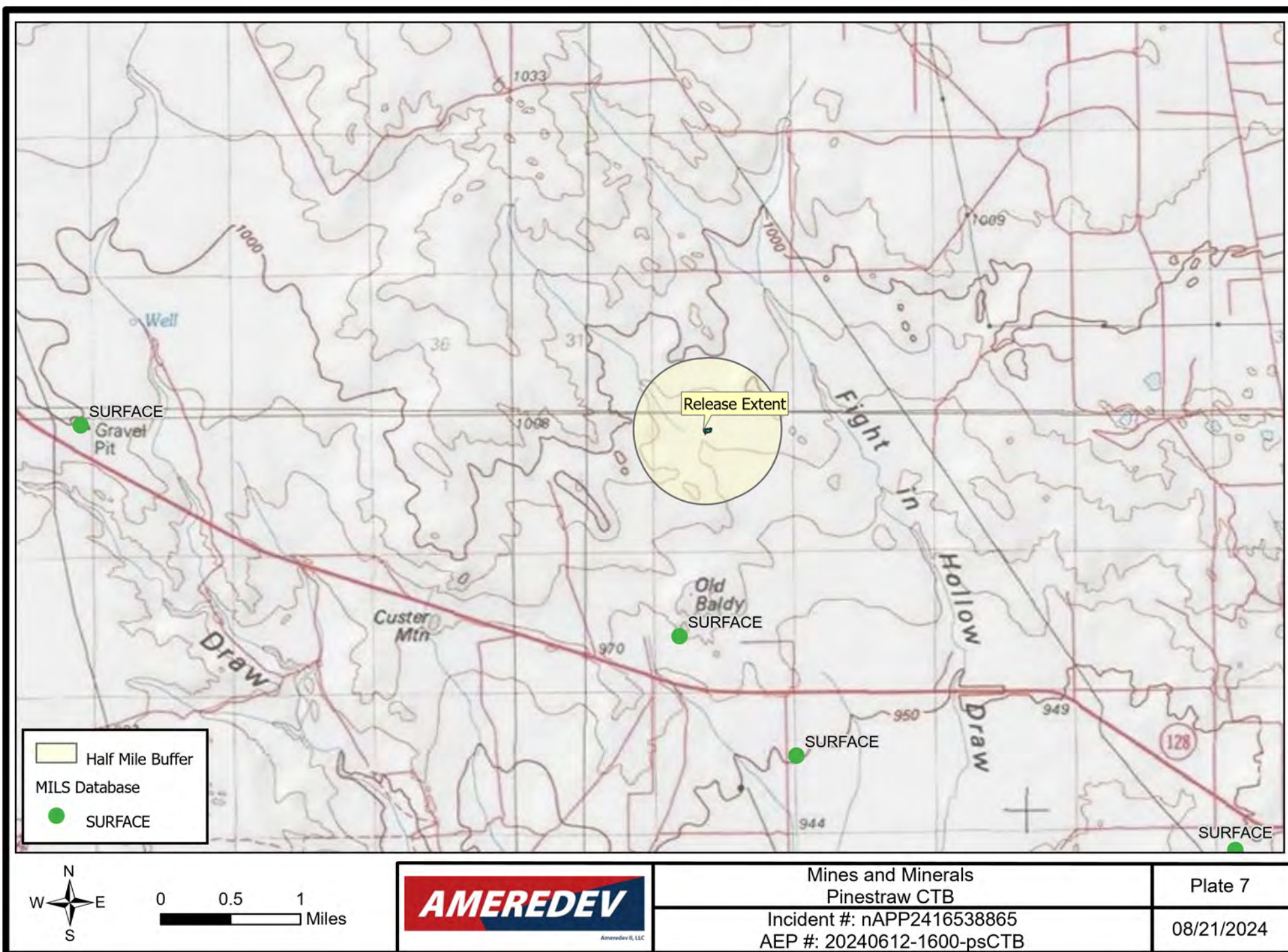


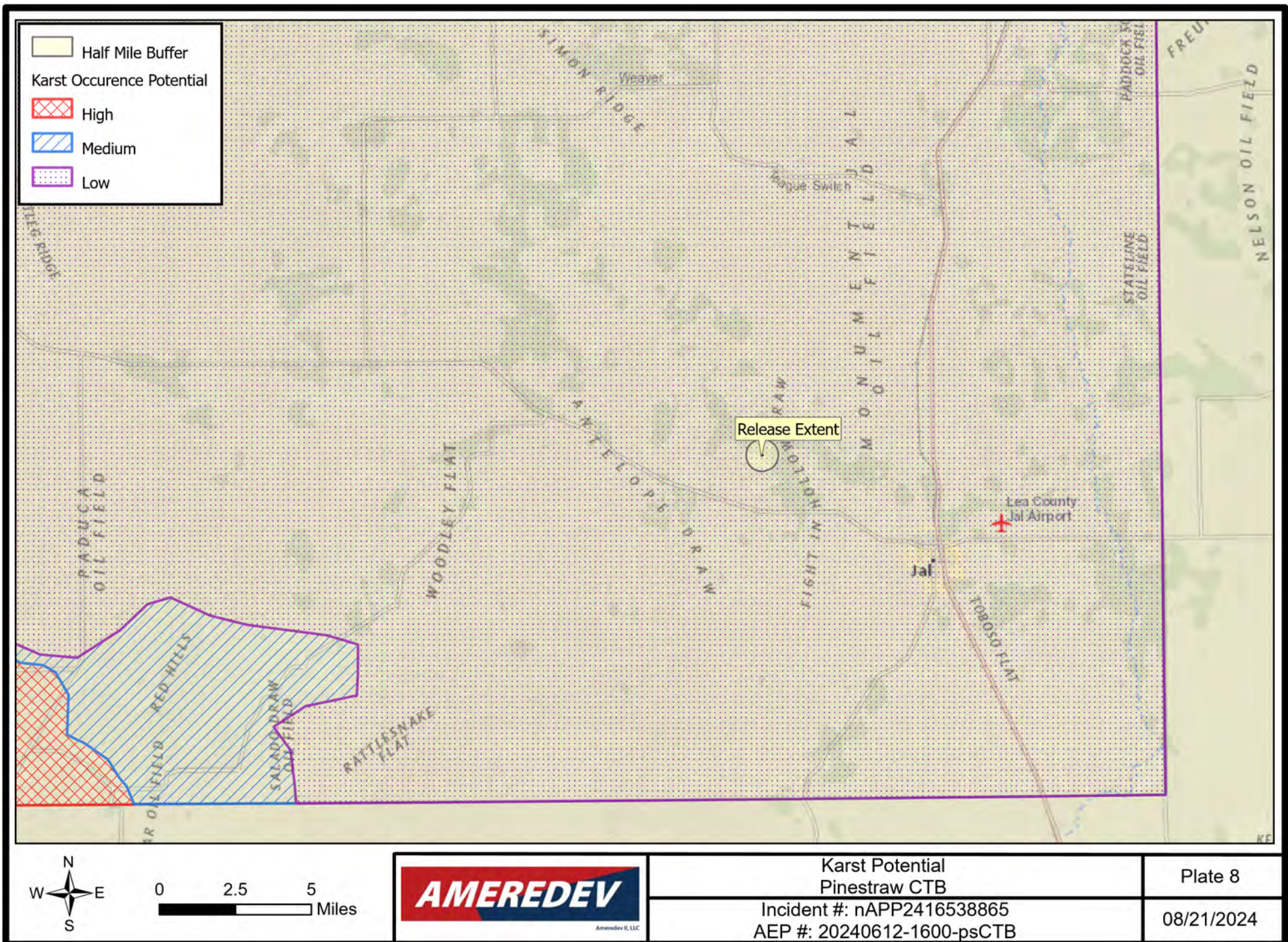


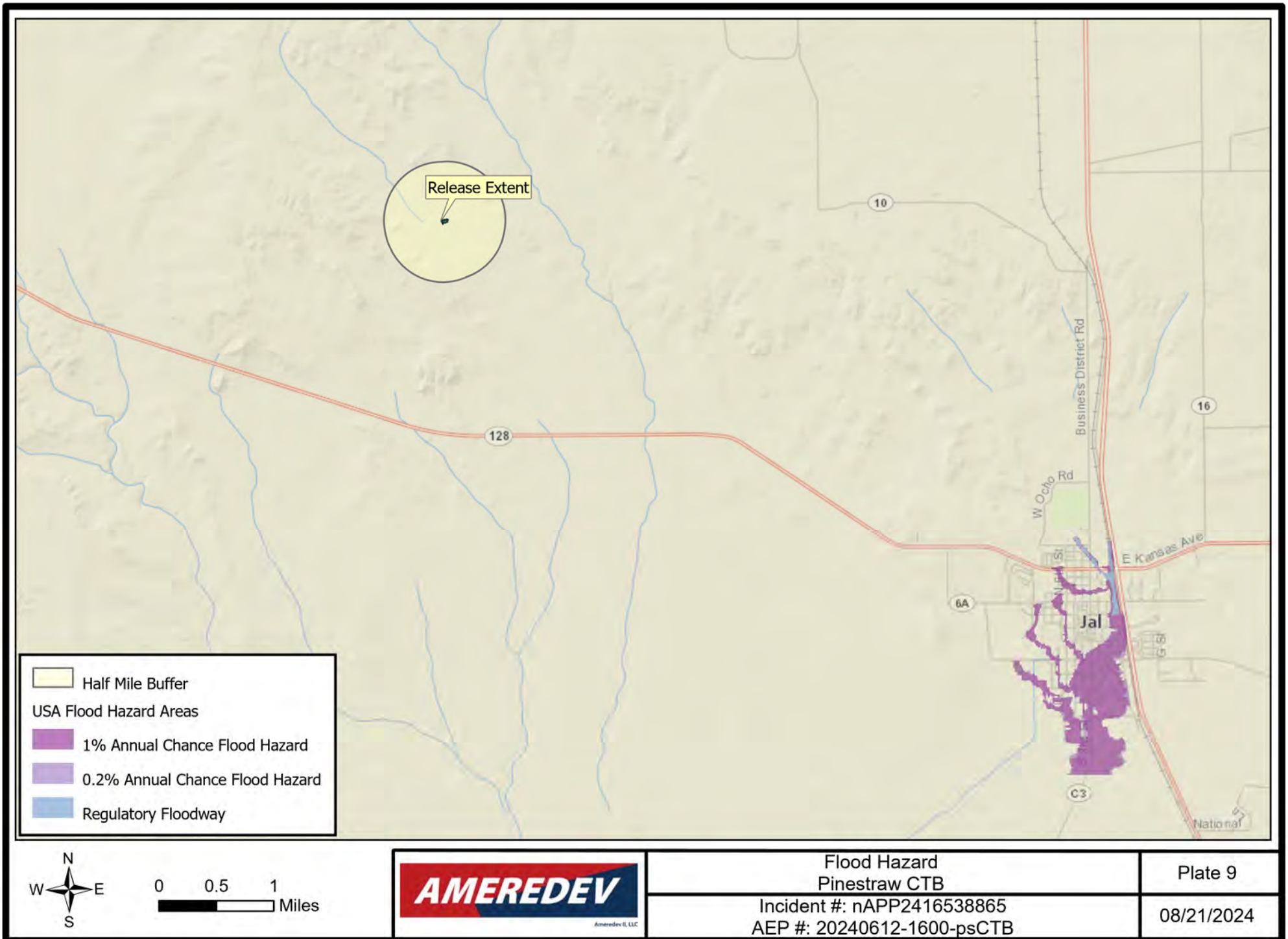


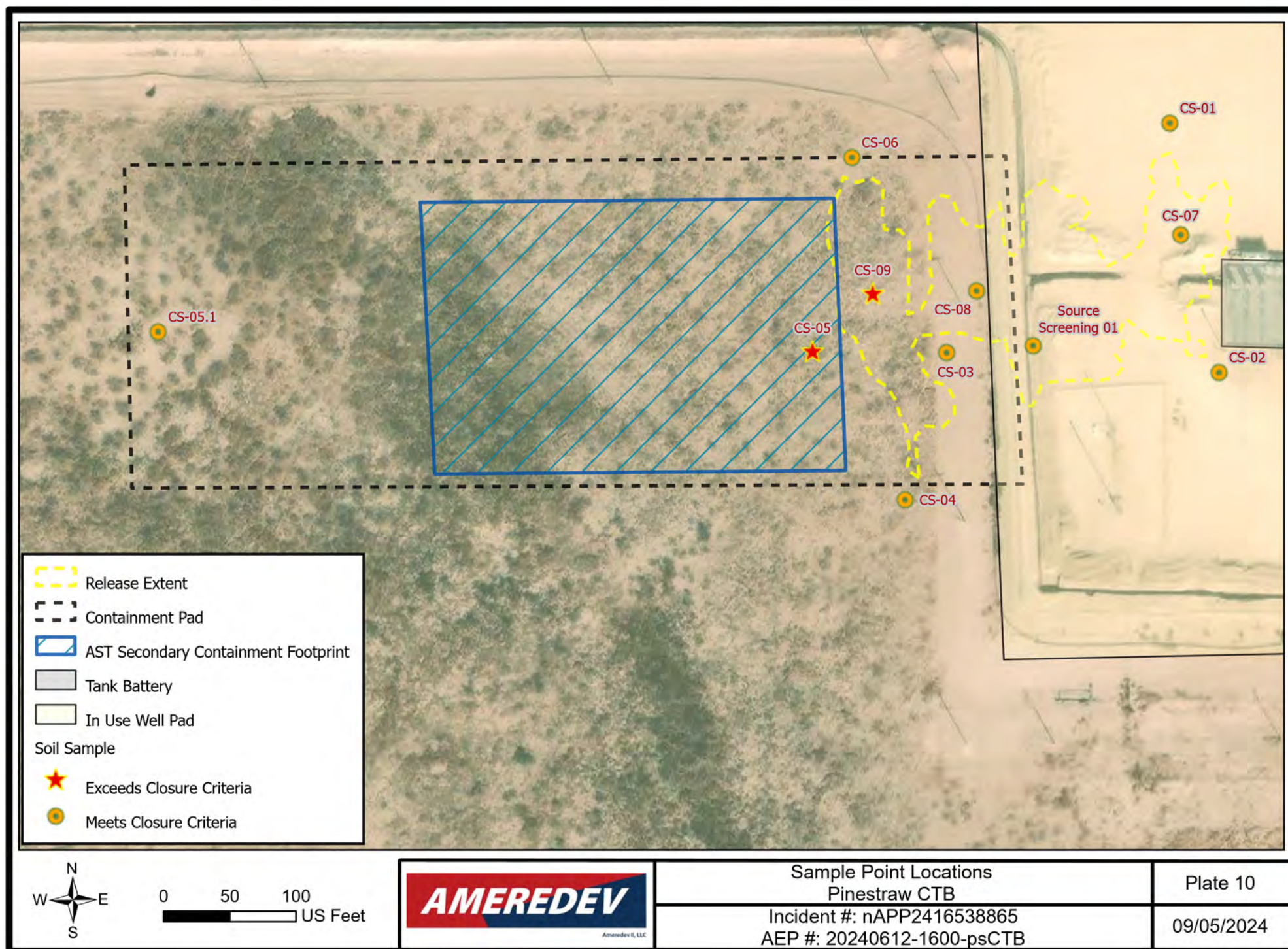












Tables



Ameredev II, LLC

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 AnalyticalIncident 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 AnalyticalIncident 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	
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: 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.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

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

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

CONDITIONS

Action 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



Ameredeve 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, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

2023 03 06 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 32	MINUTES 9	SECONDS 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:					TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					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 USE 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):

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






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

03:00 MAR 7 2023 PM 02

Revised June 1972

80 MAR 18 PM 1 14

STATE ENGINEER OFFICE

WELL RECORD

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 Nal, 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 $\frac{1}{2}$ 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 274Address Box 998 SEMINOLE TEXAS 79360Drilling 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>2 G.P.M.</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: _____

State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

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

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	3	3	Soil
3	25	22	Caliche white
25	53	28	Sand Tan
53	73	20	water Sand Tan
73	75	2	Red Bed.
	X		

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

E B Bakun

Driller

* INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

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". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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 with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
Reported: 09/04/2024
Project Name: PINESTRAW CTB
Project Number: 20240612-1600-PSCTB
Project Location: NONE GIVEN

Sampling Date: 08/29/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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, 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 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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, 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 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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, 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 103 % 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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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



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Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, 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 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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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Celey D. Keene, Lab 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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
Reported: 09/04/2024
Project Name: PINESTRAW CTB
Project Number: 20240612-1600-PSCTB
Project Location: NONE GIVEN

Sampling Date: 08/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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, SM4500Cl-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
Reported: 09/04/2024
Project Name: PINESTRAW CTB
Project Number: 20240612-1600-PSCTB
Project Location: NONE GIVEN

Sampling Date: 08/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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, SM4500Cl-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
Reported: 09/04/2024
Project Name: PINESTRAW CTB
Project Number: 20240612-1600-PSCTB
Project Location: NONE GIVEN

Sampling Date: 08/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
Reported: 09/04/2024
Project Name: PINESTRAW CTB
Project Number: 20240612-1600-PSCTB
Project Location: NONE GIVEN

Sampling Date: 08/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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



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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2024	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 BTX	<0.300	0.300	09/03/2024	ND					

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

Chloride, SM4500Cl-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



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
Reported: 09/04/2024
Project Name: PINESTRAW CTB
Project Number: 20240612-1600-PSCTB
Project Location: NONE GIVEN

Sampling Date: 08/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
Reported: 09/04/2024
Project Name: PINESTRAW CTB
Project Number: 20240612-1600-PSCTB
Project Location: NONE GIVEN

Sampling Date: 08/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
Reported: 09/04/2024
Project Name: PINESTRAW CTB
Project Number: 20240612-1600-PSCTB
Project Location: NONE GIVEN

Sampling Date: 08/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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



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Analytical Results For:

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

Received: 08/30/2024
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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



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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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
 Reported: 09/04/2024
 Project Name: PINESTRAW CTB
 Project Number: 20240612-1600-PSCTB
 Project Location: NONE GIVEN

Sampling Date: 08/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

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, SM4500Cl-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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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amerdev LLC		BILL TO		ANALYSIS REQUEST	
Project Manager: Andrew Parker		P.O. #: 20240612-1606-PS-CTB			
Address: On-File		Company: Amerdev			
City:		Attn: aparker@amerdev.com			
Phone #:		Address:			
Project #:		City:			
Project Name: 2024 0612 - 1606-PS-CTB		State:			
Project Location: Pinestraw CTB		Phone #:			
Sample Name: Jesus Palomares		Fax #:			
FOR LAB USE ONLY		PRESERV		SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		# CONTAINERS	
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
		DATE		TIME	
1124538	CS-01	041	08:24	12:31	Chloride
	CS-01	241		12:39	TPH (GRO+DRO+MRO)
	CS-01	441		12:49	BTEX (Benzene)
	CS-02	041		13:08	
	CS-02	241		13:17	
	CS-02	441		13:24	
	CS-03	041		13:50	
	CS-03	241		13:57	
	CS-03	441		14:05	
	CS-04	041		08:19	
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Relinquished By:		Date: 08:30		Received By:	
Relinquished By:		Time: 08:30		Received By:	
Date: 1555		Time:		Received By:	
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		CHECKED BY: (Initials)	
				Thermometer ID #140	
				Correction Factor 0.0	
				Standard	
				Bacteria (only)	
				Cool Intact	
				Observed Temp. °C	
				Corrected Temp. °C	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amerstar LLC		BILL TO		ANALYSIS REQUEST	
Project Manager: Andrew Parker		P.O. #: 2024-0612-1600-PS CTB			
Address: On-File		Company: Amerstar			
City:	State:	Zip:			
Phone #:	Fax #:	Attn: A. Parker@amerstar.com			
Project #:	Project Owner:	Address:			
Project Name: 2024-0612-1600-PS CTB	City:	State:	Zip:		
Project Location: Pheneston CTB	Phone #:				
Sampler Name: Jesus Palomares	Fax #:				

FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
1124528													08-30	08:24	✓	Chloride		
11	CS-04	2ft	4			✓							08:12	08:12	✓	TPH (GRO+DRO+MRO)		
12	CS-04	4ft											08:51	08:51	✓	BTEX (Benzene)		
13	CS-05	6ft											08:54	08:54				
14	CS-05	2ft											08:59	08:59				
15	CS-05	4ft											09:15	09:15				
16	CS-06	Off											09:31	09:31				
17	CS-06	2ft											09:50	09:50				
18	CS-06	4ft											10:02	10:02				
19	CS-07	Off											10:10	10:10				
20	CS-07	2ft																

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Relinquished By: _____	Date: 08-30	Received By: _____	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Time: 1555			All Results are emailed. Please provide Email address:
Relinquished By: _____	Date: _____	Received By: _____	
Time: _____			

Delivered By: (Circle One) UPS - Bus - Other:	Observed Temp. °C 40°C	Corrected Temp. °C 40°C	Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) AP
Turnaround Time: TB 3.3	Standard <input checked="" type="checkbox"/>	Rush <input type="checkbox"/>	Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID #140 Correction Factor .0°C -0.0°C
				Corrected Temp. °C 48

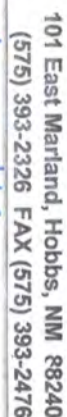
REMARKS: _____



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Amesbury</i>		BILL TO		ANALYSIS REQUEST			
Project Manager: <i>Andrew Parker</i>		P.O. #: <i>20240612-1600-PS CTB</i>					
Address: <i>On-File</i>		Company: <i>Amesbury</i>					
City:		Attn: <i>aparker@amesbury.com</i>					
State:		Address:					
Zip:		City:					
Phone #:		State:					
Fax #:		Phone #:					
Project #:		Zip:					
Project Name: <i>2024 0612-1600-PS CTB</i>							
Project Location: <i>Pinestray CTB</i>							
Sampler Name: <i>Jesus Palomares</i>		Fax #:					
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING			
<i>H24538</i>							
<i>21</i>	<i>CS-07</i>	<i>4ft</i>	<i>9</i>	<i>10:21</i>	<i>Chloride</i>		
<i>22</i>	<i>CS-08</i>	<i>0ft</i>	<i>4</i>	<i>10:33</i>	<i>TPH (GRO+DRO+MRO)</i>		
<i>23</i>	<i>CS-08</i>	<i>2ft</i>		<i>10:40</i>	<i>BTEX (Benzene)</i>		
<i>24</i>	<i>CS-08</i>	<i>4ft</i>		<i>10:45</i>			
<i>25</i>	<i>CS-09</i>	<i>0ft</i>		<i>10:57</i>			
<i>26</i>	<i>CS-09</i>	<i>2ft</i>		<i>11:01</i>			
<i>27</i>	<i>CS-09</i>	<i>4ft</i>		<i>11:13</i>			
<i>28</i>	<i>CS-09</i>	<i>5ft</i>		<i>11:22</i>			
<i>29</i>	<i>CS-09</i>	<i>6ft</i>		<i>11:40</i>			
<i>30</i>	<i>CS-09</i>	<i>8ft</i>		<i>11:42</i>			
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Relinquished By:	Date: <i>08-30</i>	Received By:	Date: <i>08-30</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:		
Relinquished By:	Time: <i>1555</i>	Received By:	Time:	All Results are emailed. Please provide Email address:			
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	REMARKS:			
<i>UPS</i>	<i>40.0</i>	<input type="checkbox"/> Cool <input type="checkbox"/> Intact	<i>AP</i>	<i>IB 3.3c</i>			
Sampler - UPS - Bus - Other:	Corrected Temp. °C	<input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time:	Standard	Bacteria (only)	Sample Condition
<i>UPS</i>	<i>40.0</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No		<i>3.3c</i>	<i>Rush</i>	<input type="checkbox"/> Cool <input type="checkbox"/> Intact	<i>Observed Temp. °C</i>
				Thermometer ID #140		<input type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temp. °C
				Correction Factor etc -0.00048		<input type="checkbox"/> Yes <input type="checkbox"/> No	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 39 of 39



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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amerceder LLC		BILL TO		ANALYSIS REQUEST	
Project Manager: Andrew Parker		P.O. #: 20240612-1600-PCB			
Address: On-File		Company: Amerceder LLC			
City:	State:	Zip:	Attn: aparker@amerceder.com		
Phone #:	Fax #:		Address:		
Project #:	Project Owner:		City:		
Project Name: 20240612-1600-PCB		State:	Zip:		
Project Location: Pinestraw CTB		Phone #:			
Sampler Name: Jesus Palomares		Fax #:			

FOR LAB USE ONLY					
Lab I.D. H243450	Sample I.D.	(G)RAB OR (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		DATE			
		TIME			

Source Screening 01 2.5TH	G1	06-12	0847	Chloride																	
				TPH (GRO+DRO+MRO)																	
				BTEX (Benzene)																	

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Relinquished By: [Signature]	Date: 6-3-24	Received By: [Signature]	All Results are emailed. Please provide Email address:
Relinquished By: [Signature]	Date: 6-3-24	Received By: [Signature]	REMARKS: Temp blank: 2.3c
Delivered By: (Circle One)	Observed Temp. °C 9.4c	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool <input type="checkbox"/> Intact <input type="checkbox"/>	Turnaround Time: Standard
		Cool <input type="checkbox"/> Intact <input type="checkbox"/>	Thermometer ID #40
		No <input type="checkbox"/> Yes <input type="checkbox"/>	Correction Factor °C
		No <input type="checkbox"/> Yes <input type="checkbox"/>	Bacteria (only) Sample Condition
		No <input type="checkbox"/> Yes <input type="checkbox"/>	Observed Temp. °C
		No <input type="checkbox"/> Yes <input type="checkbox"/>	Corrected Temp. °C

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

District I

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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 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.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

Per 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
--	--

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

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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 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

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District II

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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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

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	
<i>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.</i>	
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)

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

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	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
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