

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

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

QUESTIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 140461
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all of the questions in this group.</i>	
Site Name	20220827-1345-prodops Peach Satellite
Date Release Discovered	08/27/2022
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Tank (Any) Produced Water Released: 12 BBL Recovered: 0 BBL Lost: 12 BBL]
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS (continued)

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 140461
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>
<i>Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.</i>	

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ACKNOWLEDGMENTS

Action 140461

ACKNOWLEDGMENTS

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	Action Number: 140461
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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CONDITIONS

Action 140461

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 140461
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
aparker1969	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/2/2022

Spill Dimensions to Volume of Release			
Input	volume of affected soil	[feet^3]	1924.44
Input	Porosity: typically is .35 to .40 for most soils	[-]	0.35
Input	Proportion of porosity filled with release fluid [0,1]	[-]	0.10
Output	volume of fluid	[feet^3]	67.4
		[gal]	503.9
		Barrels	12.0

From GIS	
Sq. Ft	6414.79
Depth (ft)	0.3
Cu. Ft	1924.437

Incident ID	nAPP2224538235
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release? <u>Plates 2</u>	51-100 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? <u>Plate 4</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? <u>Plate 4</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? <u>Plate 5</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? <u>Plate 3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? <u>Plate 3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? <u>Plate 3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland? <u>Plate 6</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine? <u>Plate 7</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology? <u>Plate 8</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain? <u>Plate 9</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

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Oil Conservation Division

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

Printed Name: Andrew Parker

Title: Env. Scientist

Signature: 

Date: October 17, 2022

email: aparker@ameredev.com

Telephone: 970-570-9535

OCD Only

Received by: Jocelyn Harimon

Date: 10/17/2022

Incident ID	nAPP2224538235
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Remediation Plan

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

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

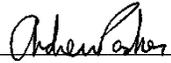
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

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

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

Printed Name: Andrew Parker

Title: Env. Scientist

Signature: 

Date: October 17, 2022

email: aparker@ameredev.com

Telephone: 970-570-9535

OCD Only

Received by: Jocelyn Harimon Date: 10/17/2022

- Approved
 Approved with Attached Conditions of Approval
 Denied
 Deferral Approved

Signature: 

Date: 11/10/2022

Incident ID	nAPP2224538235
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Facility ID	
Application ID	

Closure

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

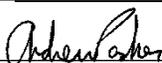
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

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

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

Printed Name: Andrew Parker

Title: Env. Scientist

Signature: 

Date: October 17, 2022

email: aparker@ameredev.com

Telephone: 970-570-9535

OCD Only

Received by: Jocelyn Harimon

Date: 10/17/2022

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

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____



Ameredeve II, LLC

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

October 17, 2022

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

RE: Closure Report/Deferral Request
Incident ID: nAPP2224538235
Peach Satellite
AEP #: 20220827-1345-prodops

NMOCD:

Ameredeve Operating submits this closure report and deferral request for the above referenced incident. We respectfully ask NMOCD for remediation deferral immediately around production equipment.

Ameredeve Operating submits this report containing characterization and remediation activities for incident number nAPP2224538235. The release occurred on August 27, 2022 caused by loose and missing hatches on back side of frac tanks. The calculated volume of released produced water was 12 barrels.

The produced water release occurred in a secondary containment and overflowed the secondary containment berm onto an active production site for oil and gas operations. Free standing fluid in the secondary containment was recovered. The liner was noted to be intact. The release is located on Fee surface. The coordinates of the release point are 32.1109694, -103.2774852 (Lat, Long; NAD83). The release did not impact surface or groundwater. Figure 1 shows the source of the release; Figures 2 and 3 show the extent of the release.

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*Figure 1: View of source at southwest corner of release extent, facing east-northeast.
Date Taken: 2022-08-28 10:46:36
GPS: 32.1109556, -103.2774608*



*Figure 2: Looking north towards source from southern release extent.
Date Taken: 2022-08-28 10:44:57
GPS: 32.1104928, -103.2777789*

*Figure 3: Release extent facing south-southwest from northeast extent of the release near source.
Date Taken: 2022-08-28 10:46:15.
GPS: 32.1108472, -103.2774439*



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Characterization

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

1.1. Site Map

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

Plate 1 shows the release extent relative to the Peach Satellite production equipment, flowlines and utilities. The source of the release is located at 32.1109694, -103.2774852 (Lat, Long; NAD83). The release extent covered an area of approximately 6415 sq. ft.

1.2. Depth to Ground Water

To determine depth-to-water within ½-mile of the release extent, Ameredev Operating began a depth-to-water borehole program mid-September 2022. The depth-to-water program:

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

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

- MISC-412 (CP-1921 POD 1) is located 0.04-miles west. Depth to water is noted as 82.15-feet. The Well Log is presented in Appendix B.

1.3. Wellhead Protection Area

Plate 3 shows that the release extent is:

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

1.4. Distance to Nearest Significant Water Course

Plate 4 shows that the release extent is:

- Within ½ mile of a significant water course.
- 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 147 ft to the northwest of the release extent.

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Ameredev, LLC

Incident ID: nAPP2224538235
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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 release occurred in the Largo-Pajarito complex, rarely flooded, soil complex with a slope of 0 – 3%¹. The USDA Natural Resources Conservation Service (NRCS) soil survey describes the upper 5-feet of the Largo-Pajarito lithology as

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

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

2. Remediation & Restoration

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

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

Ameredev excavated within the release extent, excluding immediately adjacent to production equipment, (see deferral request) until the walls and bases met Closure Criteria per Table 1 of 19.15.29 NMAC as defined below.

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

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

Figures 4 through 6 are representative photos of the remediation extent. Summary of analytical is presented in Table B. Laboratory Certificates of Analysis are presented in Appendix C.

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

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Figure 4: View of excavation extent from the south, facing north.
Date Taken: 2022-09-21 17:01:21
GPS: 32.1104261, -103.2775742

Figure 5: View of excavation extent from southeast, facing northwest.
Date Taken: 2022-09-21 17:02:20
GPS: 32.1104411, -103.2775428



Figure 6: View of excavation extent from source, facing south.
Date Taken: 2022-09-21 17:04:25
GPS: 32.1108819, -103.2774333

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3. Deferral Request

Ameredeve respectfully requests deferral of impacted areas immediately around production equipment. The northern wall of grid G-01 showed chloride concentrations above Closure Criteria listed in Table 1 of 19.15.29 NMAC as if groundwater is ≤ 50 -feet below ground surface (due to proximity of significant watercourse). This area meets the criteria for deferral request as defined in 19.15.29.12.C.(2):

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

Production equipment is located at the source of the release on the northern extent. Impacted material has been removed to a depth of 4 feet, up to the wall immediately adjacent to the containment liner at the source. Remediating around this production equipment could cause structure instability resulting in major facility deconstruction and the interruption of oil and gas production. Analytical results providing horizontal and vertical delineation around this section of production equipment met the most stringent closure criteria for constituents of concern (GS-01, GS-01.2 N, GS-02 and GS-03).

4. Surface Restoration

The release extent was remediated and restored per 19.15.29.13. A-D NMAC to prior condition as an active production site (Figure 7). The impacted area around the production equipment will be restored and reclaimed per 19.15.29.13.A-D when the production equipment is no longer in-use for oil and gas operations.

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*Figure 7: View of surface restoration on the production site. Photograph is facing north from the southern extent.
Date Taken: 2022-09-29 15:22:21. GPS: 32.1105075, -103.2774286*

Approximately 1,244 cu. yds. of material was excavated and hauled off-site to an approved disposal facility.

The production site will be restored and reclaimed per 19.15.29.13.A-D when no longer in-use for oil and gas operations.

Please contact me with any questions.

Sincerely,
Ameredev II, LLC



Andrew Parker
Env. Scientist

Cc: Dayeed Kahn, Ameredev II, LLC

10/17/2022

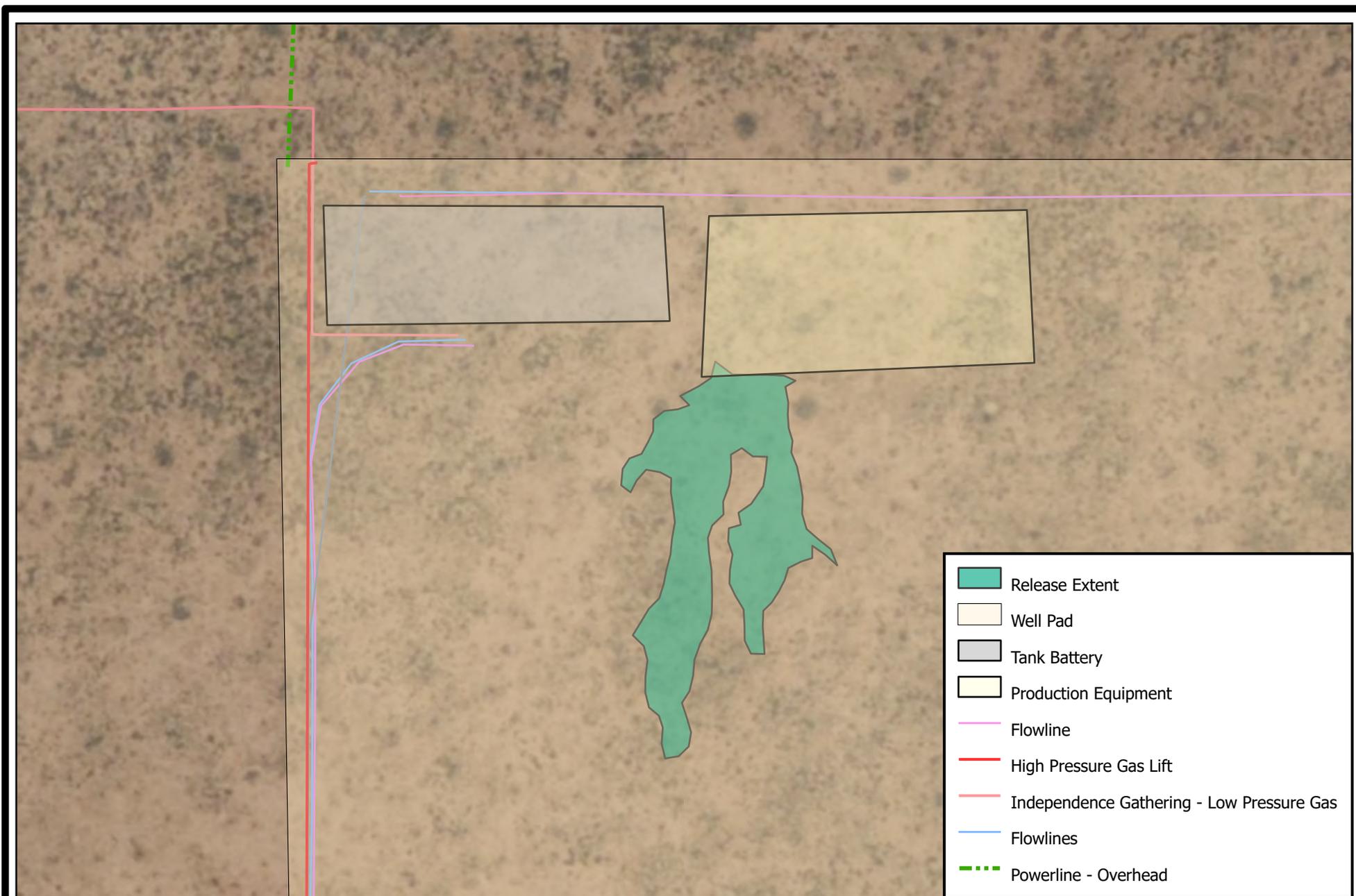
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Plates



Ameredev II, LLC



- Release Extent
- Well Pad
- Tank Battery
- Production Equipment
- Flowline
- High Pressure Gas Lift
- Independence Gathering - Low Pressure Gas
- Flowlines
- Powerline - Overhead

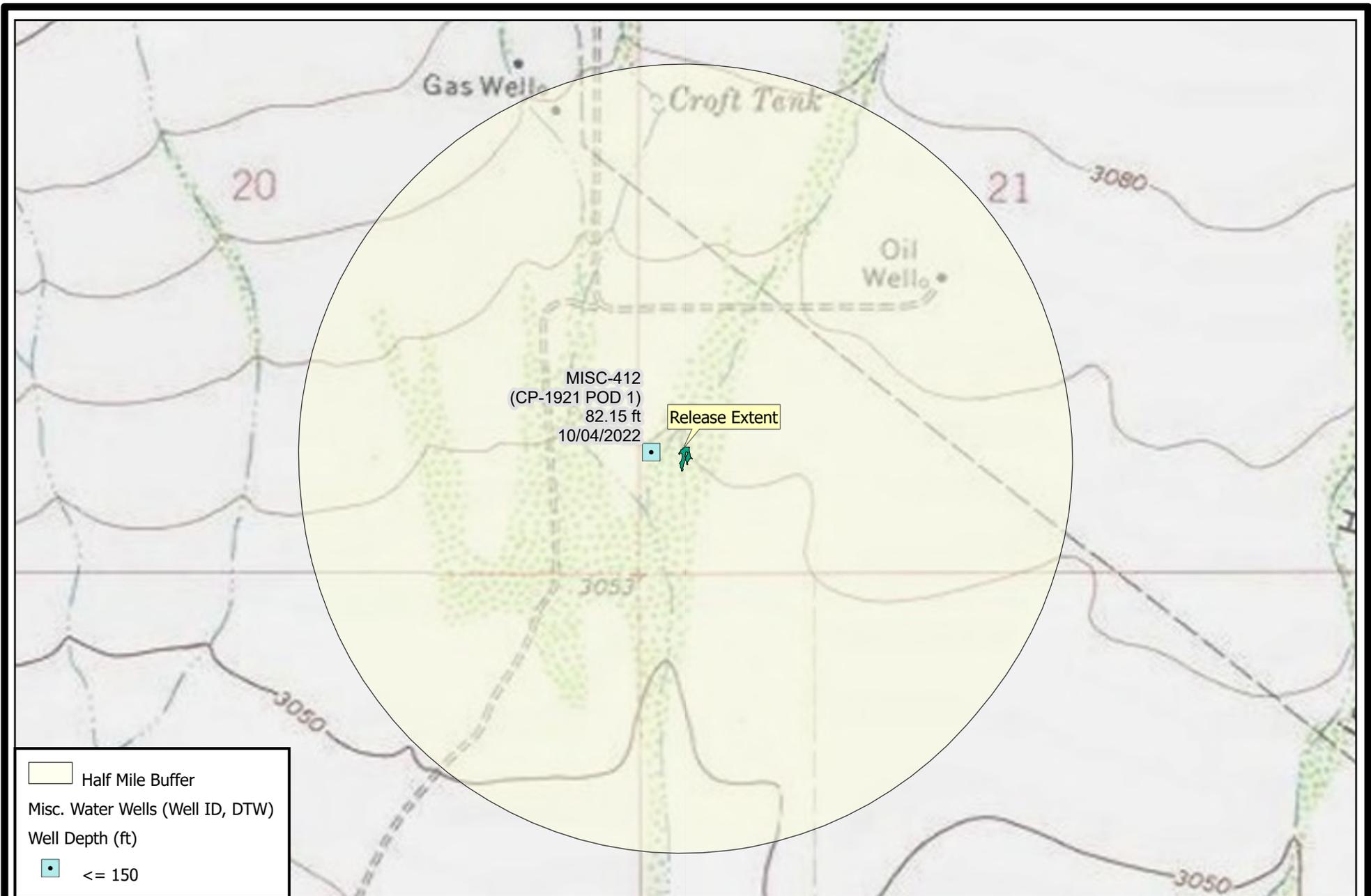


Site Map
Peach Satellite

Incident ID: nAPP2224538235
AEP #: 20220827-1345-prodops

Plate 1

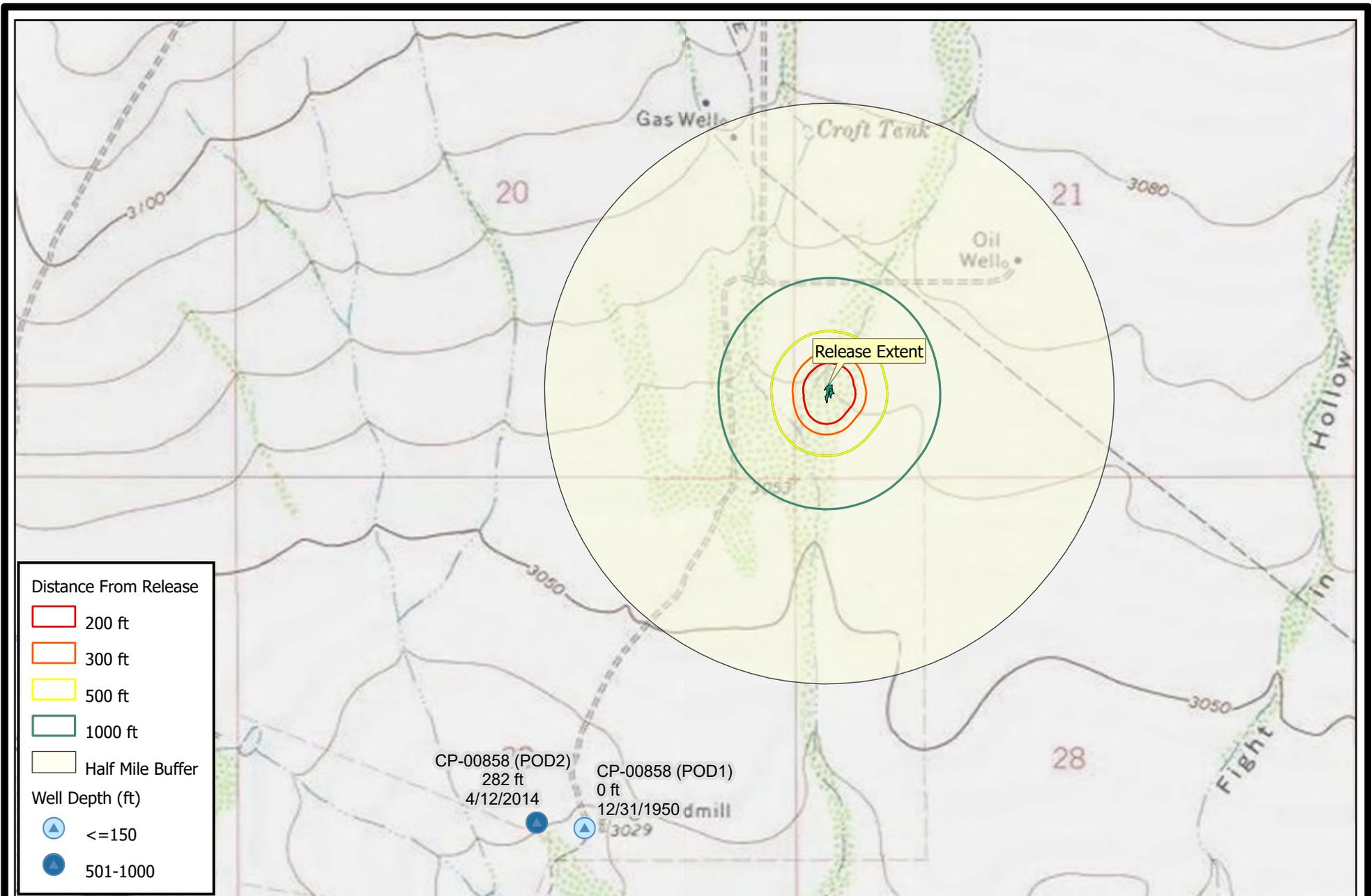
09/15/2022



0 500 1,000
US Feet



Depth To Water Peach Satellite	Plate 2
Incident ID: nAPP2224538235 AEP #: 20220827-1345-prodops	10/06/2022



Distance From Release

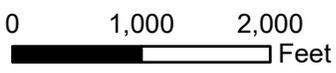
- 200 ft
- 300 ft
- 500 ft
- 1000 ft
- Half Mile Buffer

Well Depth (ft)

- ▲ <=150
- 501-1000

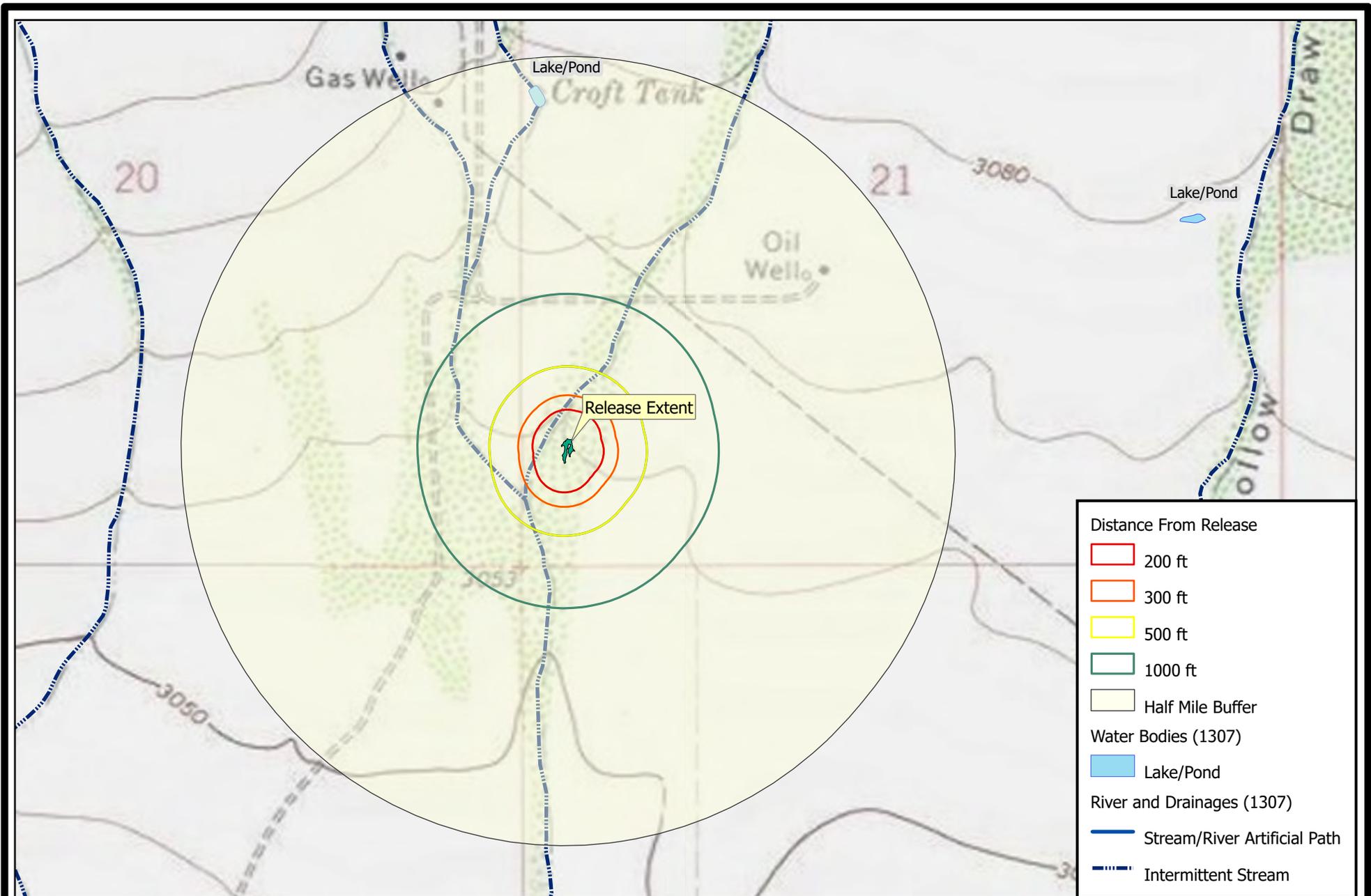
CP-00858 (POD2)
282 ft
4/12/2014

CP-00858 (POD1)
0 ft
12/31/1950



Wellhead Protection Peach Satellite
Incident ID: nAPP2224538235 AEP #: 20220827-1345-prodops

Plate 3
09/15/2022

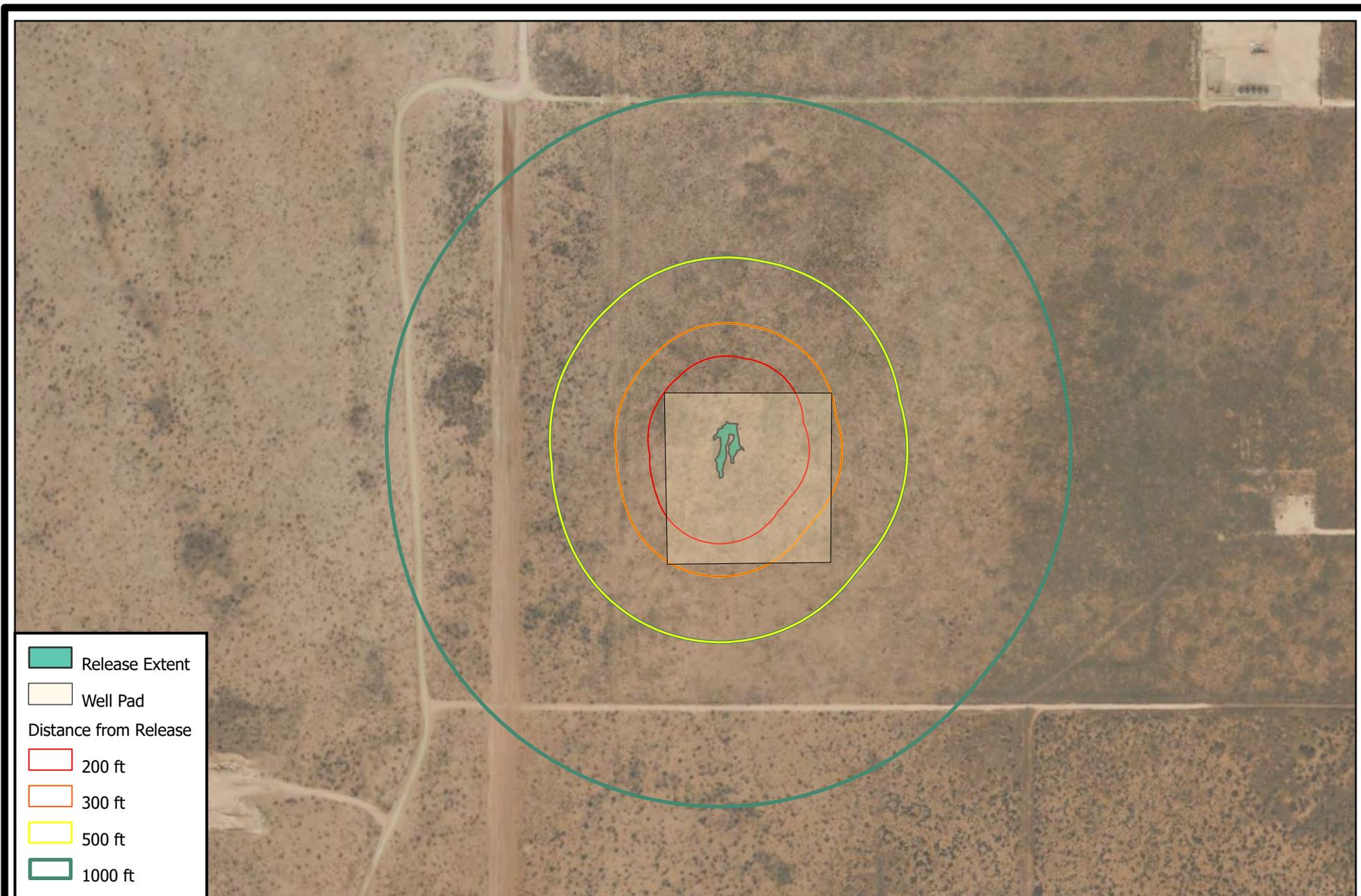


0 500 1,000
US Feet



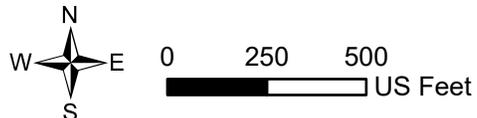
Significant Watercourses
Peach Satellite
Incident ID: nAPP2224538235
AEP #: 20220827-1345-prodops

Plate 4
09/15/2022



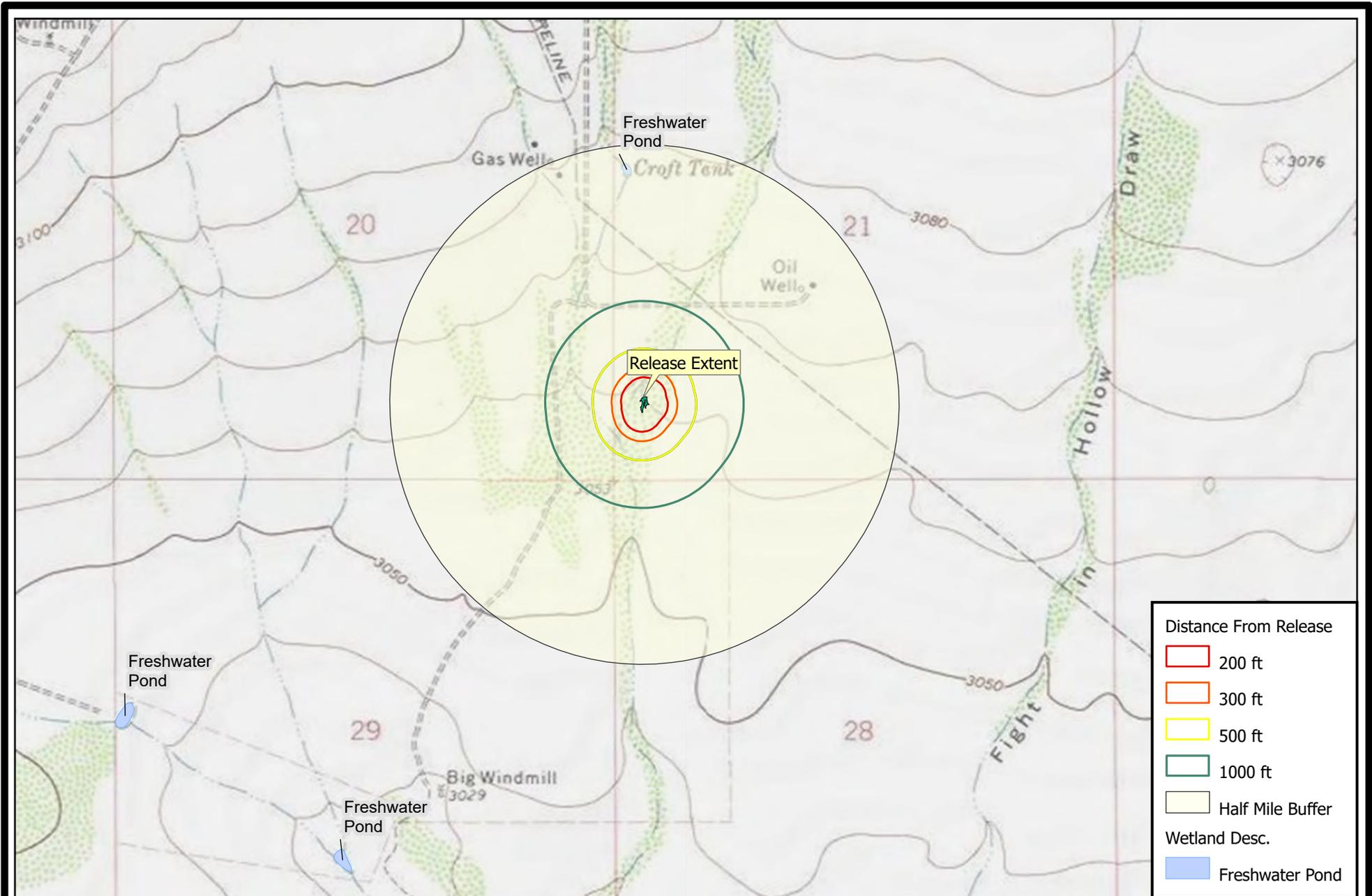
Legend:

- Release Extent
- Well Pad
- Distance from Release
 - 200 ft
 - 300 ft
 - 500 ft
 - 1000 ft

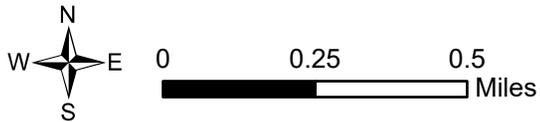


Nearby Structures Peach Satellite
Incident ID: nAPP2224538235 AEP #: 20220827-1345-prodops

Plate 5
09/15/2022

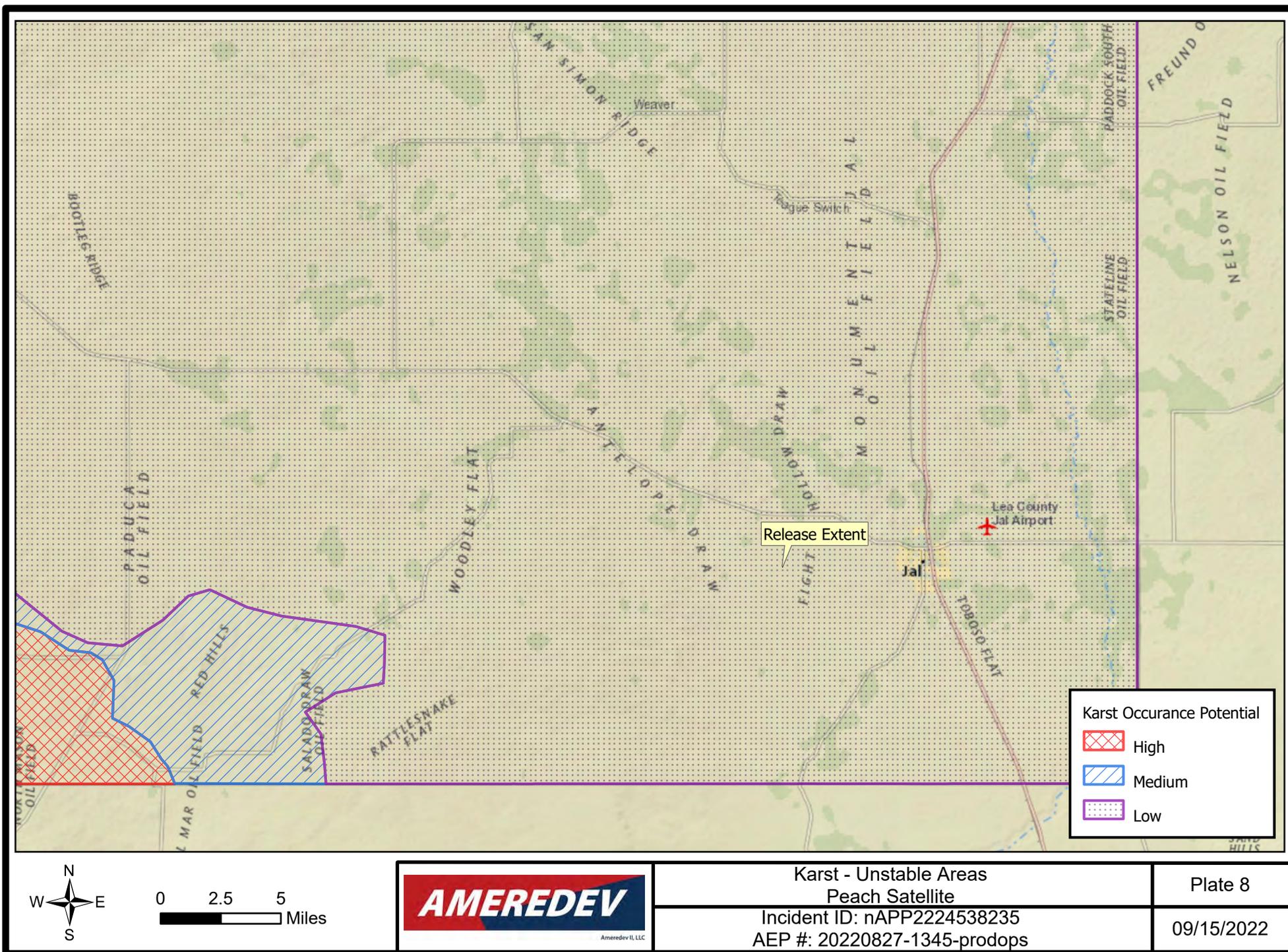


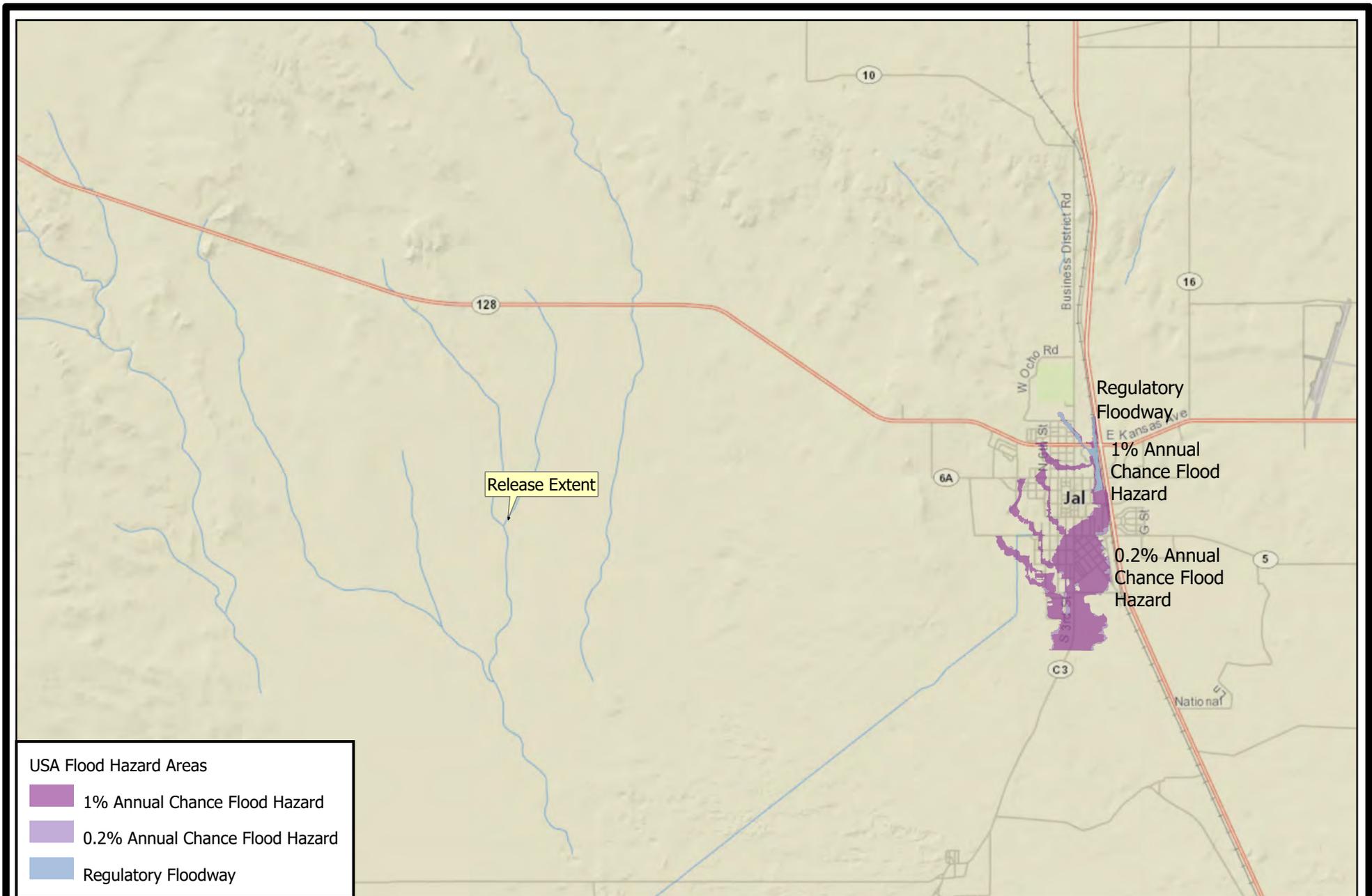
Distance From Release	
	200 ft
	300 ft
	500 ft
	1000 ft
	Half Mile Buffer
Wetland Desc.	
	Freshwater Pond



Wetlands
Peach Satellite
Incident ID: nAPP2224538235
AEP #: 20220827-1345-prodops

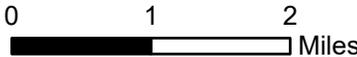
Plate 6
09/15/2022





USA Flood Hazard Areas

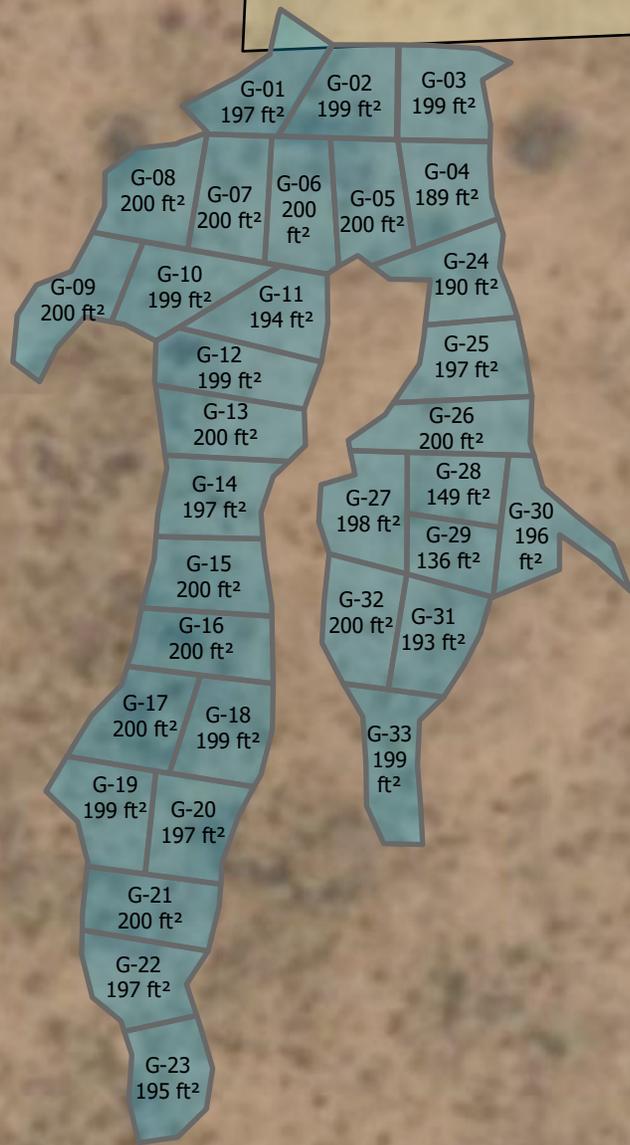
- 1% Annual Chance Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Regulatory Floodway



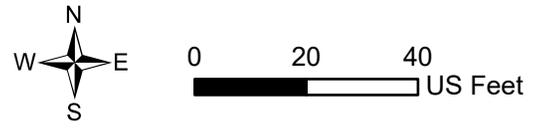
Flood Hazards Peach Satellite
Incident ID: nAPP2224538235 AEP #: 20220827-1345-prodops

Plate 9 09/15/2022



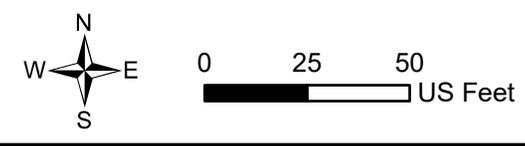
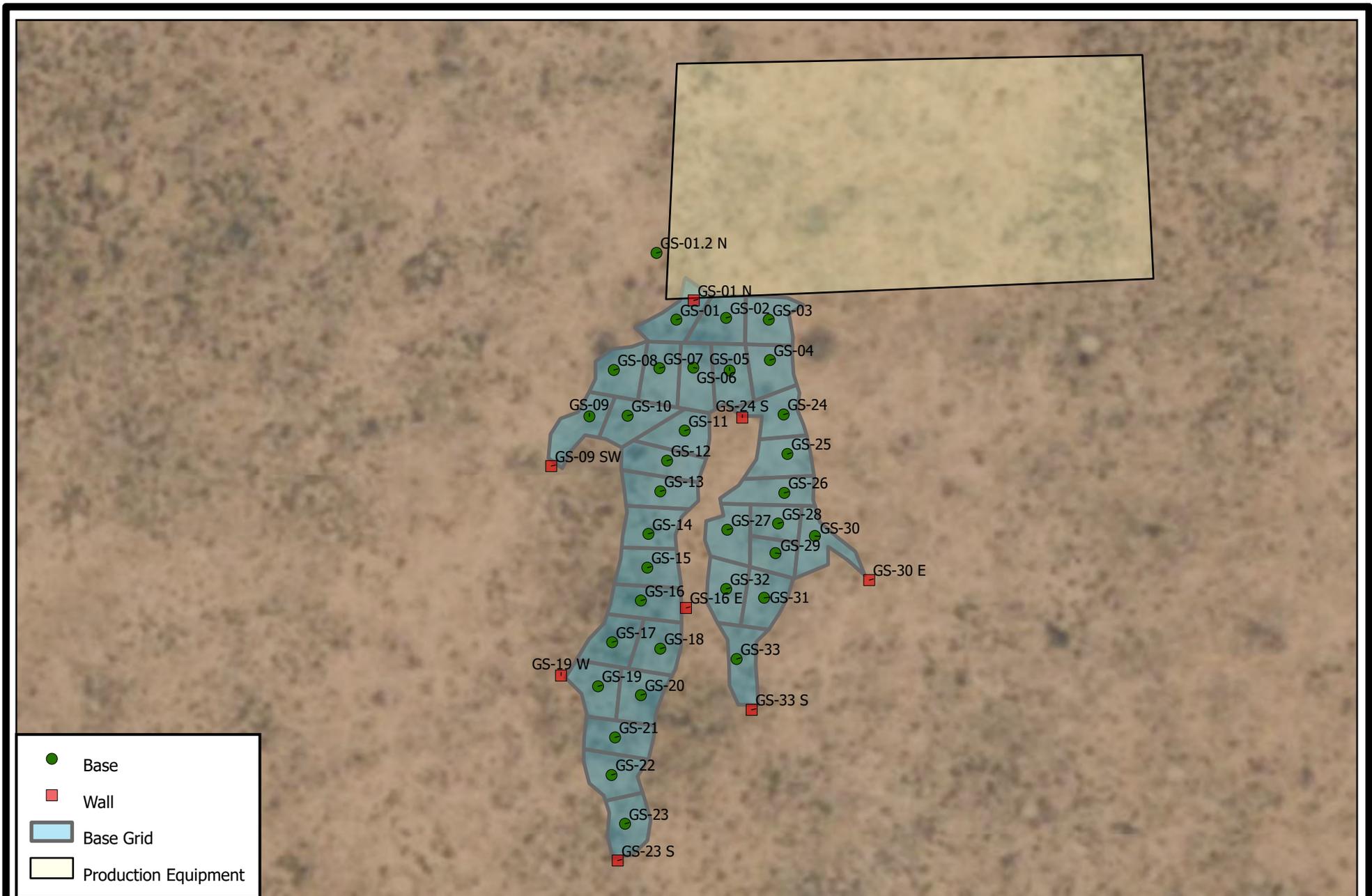
Legend:

- Base Grid (light blue square)
- Frac Tanks (yellow square)



Sample Grid Peach Satellite
Incident ID: nAPP2224538235 AEP #: 20220827-1345-prodops

Plate 10
9/28/2022



Confirmation Sample Locations Peach Satellite	Plate 11
Incident ID: nAPP2224538235 AEP #: 20220827-1345-prodops	09/28/2022

Tables



Ameredev II, LLC

10/05/2022

Table A
Sample CoordinatesIncident ID: nAPP2224538235
Peach Satellite
AEP #: 20220827-1345-prodops

Sample Point	Latitude	Longitude
GS-01	32.11091235	-103.27756977
GS-01 N	32.11092794	-103.27755311
GS-01.2 N	32.11096830	-103.27758830
GS-02	32.11091378	-103.27752215
GS-03	32.11091235	-103.27748126
GS-04	32.11087961	-103.27748014
GS-05	32.11087107	-103.27751879
GS-06	32.11087345	-103.27755352
GS-07	32.11087297	-103.27758601
GS-08	32.11087155	-103.27762971
GS-09	32.11083393	-103.27765312
GS-09 SW	32.11079363	-103.27768965
GS-10	32.11083444	-103.27761650
GS-11	32.11082241	-103.27756180
GS-12	32.11079799	-103.27757870
GS-13	32.11077315	-103.27758516
GS-14	32.11073863	-103.27759659
GS-15	32.11071127	-103.27759758
GS-16	32.11068459	-103.27760377
GS-16 E	32.11067860	-103.27756060
GS-17	32.11065077	-103.27763133
GS-18	32.11064553	-103.27758521
GS-19	32.11061505	-103.27764482
GS-19 W	32.11062374	-103.27768028
GS-20	32.11060790	-103.27760377
GS-21	32.11057360	-103.27762851
GS-22	32.11054312	-103.27763189
GS-23	32.11050358	-103.27761895
GS-23 S	32.11047377	-103.27762597
GS-24	32.11083545	-103.27746705
GS-24 S	32.11083292	-103.27750661
GS-25	32.11080346	-103.27746339
GS-26	32.11077189	-103.27746637
GS-27	32.11074200	-103.27752104
GS-28	32.11074705	-103.27747233
GS-29	32.11072305	-103.27747482
GS-30	32.11073695	-103.27743704
GS-30 E	32.11070119	-103.27738503
GS-31	32.11068685	-103.27748575
GS-32	32.11069400	-103.27752204
GS-33	32.11063717	-103.27751210
GS-33 S	32.11059599	-103.27749767

Ameredev Operating

1/1

10/05/2022

Table B
Summary of AnalyticalIncident ID: nAPP2224538235
Peach Satellite
AEP #: 20220827-1345-prodops

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab (Hall/Cardinal)	Lab #
NMOCDC Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
GS-01	9/21/2022	4			On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-01 N	9/21/2022		0	2	On Pad	2,720	<20	<30	<0.05	<0.30	Defer	Cardinal	H224400
GS-01 N	9/21/2022		2	4	On Pad	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-01.2 N	9/28/2022	0			On Pad	<16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224520
GS-02	9/21/2022	4			On Pad	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-03	9/21/2022	4			On Pad	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-04	9/21/2022	3			On Pad	240	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-05	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-06	9/21/2022	3			On Pad	144	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-07	9/21/2022	3			On Pad	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-08	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-09	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-09 SW	9/21/2022		0	2	On Pad	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-09 SW	9/21/2022		2	3	On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-10	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-11	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-12	9/21/2022	3			On Pad	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-13	9/21/2022	3			On Pad	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-14	9/21/2022	3			On Pad	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-15	9/21/2022	3			On Pad	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-16	9/21/2022	3			On Pad	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-16 E	9/21/2022		0	2	On Pad	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-16 E	9/21/2022		2	3	On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-17	9/21/2022	3			On Pad	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-18	9/21/2022	3			On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-19	9/21/2022	3			On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-19 W	9/21/2022		0	2	On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-19 W	9/21/2022		2	3	On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-20	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-21	9/21/2022	3			On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-22	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-23	9/21/2022	3			On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-23 S	9/21/2022		0	2	On Pad	96	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-23 S	9/21/2022		2	3	On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-24	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-24 S	9/21/2022		0	2	On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-24 S	9/21/2022		2	3	On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-25	9/21/2022	3			On Pad	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-26	9/21/2022	3			On Pad	128	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-27	9/21/2022	3			On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-28	9/21/2022	3			On Pad	80	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400

10/05/2022

Table B
Summary of Analytical

Incident ID: nAPP2224538235
Peach Satellite
AEP #: 20220827-1345-prodops

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab (Hall/Cardinal)	Lab #
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
GS-29	9/21/2022	3			On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-30	9/21/2022	2			On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-30 E	9/21/2022		0	2	On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-31	9/21/2022	3			On Pad	48	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-32	9/21/2022	3			On Pad	64	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-33	9/21/2022	2			On Pad	16	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
GS-33 S	9/21/2022		0	2	On Pad	32	<20	<30	<0.05	<0.30	Confirmation	Cardinal	H224400
Backfill	9/28/2022					48	<20	<30	<0.05	<0.30	Backfill	Cardinal	H224520
Above Closure Criteria													

Appendix A

Communications



Ameredev II, LLC

Andrew Parker

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Thursday, September 15, 2022 12:28 PM
To: Andrew Parker
Cc: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Harimon, Jocelyn, EMNRD
Subject: FW: [EXTERNAL] 48 hr sampling notice nAPP2224538235

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

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

Andrew

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

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Thursday, September 15, 2022 11:10 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: Fw: [EXTERNAL] 48 hr sampling notice nAPP2224538235

From: Andrew Parker <aparker@ameredev.com>
Sent: Thursday, September 15, 2022 11:09 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Subject: [EXTERNAL] 48 hr sampling notice nAPP2224538235

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

NMOCD,

Please accept this email as the 48 hour sampling notice for Incident nAPP2224538235. Excavation is anticipated to begin on 09/16/2022. Confirmation sampling is expected to commence early to mid next week.

AEP #: 20220827-1345-prodops
Location: Peach Satellite

Thank you.

Andrew Parker
Environmental Scientist
970-570-9535



From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Friday, September 2, 2022 11:38 AM
To: Andrew Parker <aparker@ameredev.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 140461

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#) nAPP2224538235, 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 nAPP2224538235, 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

Appendix B

Well Logs



Ameredev II, LLC



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

~~July 8, 2022~~ 10 / 12 / 2022

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

Hand Delivered to the DII Office of the State Engineer

Re: Well Record CP-1921 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, CP-1921 Pod-1.

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

Sincerely,

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

Lucas Middleton

Enclosures: as noted above

OSE DIT OCT 12 2022 PM2:04



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1		WELL TAG ID NO. n/a		OSE FILE NO(S) CP-1921			
	WELL OWNER NAME(S) Ameredev Operating, LLC				PHONE (OPTIONAL) 737-300-4700			
	WELL OWNER MAILING ADDRESS 2901 Via Fortuna Suite 600				CITY Austin	STATE TX	ZIP 78746	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 6	38.99	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE	103	16	41.89	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW SW SW Sec.21 T25S R36S NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 9/26/2022	DRILLING ENDED 9/27/2022	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) ±101	DEPTH WATER FIRST ENCOUNTERED (FT) unknown			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 82.15	DATE STATIC MEASURED 10/4/2022		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		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)
	FROM	TO						
	0	80	±6.25"	Boring-HSA	--	--	--	--
	80	101	±3.25"	Boring-Air Rotary	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

OSE ON OCT 12 2022 12:10

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			



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-1921

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

Mailing address: 2901 Via Fortuna Suite 600

City: Austin State: Texas Zip code: 78746

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Cameron Pruitt
- 4) Date well plugging began: 10/4/2022 Date well plugging concluded: 10/4/2022
- 5) GPS Well Location: Latitude: 32 deg, 6 min, 38.99 sec
Longitude: 103 deg, 16 min, 41.89 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 101 ft below ground level (bgl),
by the following manner: water level probe
- 7) Static water level measured at initiation of plugging: 82.15 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 9/12/2022
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DIT OCT 12 2022 PM 2:04

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0-101'	Type I/II Neat Cement	Approx. 144 gallons	136 gallons	tremie pipe	

OGE 017 OCT 12 2022 PM2:05

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

III. SIGNATURE:

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

Jack Atkins

Signature of Well Driller

10/5/2022

Date

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

Final Audit Report

2022-10-05

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

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

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2022-10-05 - 5:52:09 PM GMT- IP address: 64.17.71.25
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-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2022-10-05 - 6:38:55 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2022-10-05 - 6:38:55 PM GMT

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Appendix C

Certificates of Analysis



Ameredev II, LLC



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

September 27, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH SATELLITE

Enclosed are the results of analyses for samples received by the laboratory on 09/22/22 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 01 4' (H224400-01)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 01 N 0-2' (H224400-02)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.5 % 46.3-178

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 01 N 2-4' (H224400-03)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 82.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 02 4' (H224400-04)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 03 4' (H224400-05)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 77.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 04 3' (H224400-06)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 77.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 05 3' (H224400-07)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.4 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 06 3' (H224400-08)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 07 3' (H224400-09)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/22/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 08 3' (H224400-10)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.6 % 46.3-178

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 09 3' (H224400-11)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 09 SW 0-2' (H224400-12)

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	09/24/2022	ND	2.09	105	2.00	14.9	
Toluene*	<0.050	0.050	09/24/2022	ND	2.32	116	2.00	14.0	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	2.20	110	2.00	13.2	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.73	112	6.00	15.1	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 96.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 09 SW 2-3' (H224400-13)

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	09/24/2022	ND	2.12	106	2.00	8.45	QR-03	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	QR-03	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	QR-03	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	QR-03	
Total BTEX	<0.300	0.300	09/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64		
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39		
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND						

Surrogate: 1-Chlorooctane 81.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 10 3' (H224400-14)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 11 3' (H224400-15)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 12 3' (H224400-16)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 13 3' (H224400-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 14 3' (H224400-18)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 15 3' (H224400-19)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 16 3' (H224400-20)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/22/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	182	91.0	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	186	92.9	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 64.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 66.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 16 E 0-2' (H224400-21)

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	09/24/2022	ND	2.12	106	2.00	8.45		
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95		
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42		
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54		
Total BTEX	<0.300	0.300	09/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/22/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41		
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38		
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND						

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 16 E 2-3' (H224400-22)

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	09/24/2022	ND	2.12	106	2.00	8.45		
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95		
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42		
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54		
Total BTEX	<0.300	0.300	09/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/23/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41		
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38		
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND						

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 17 3' (H224400-23)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 18 3' (H224400-24)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 19 3' (H224400-25)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 78.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 19 W 0-2' (H224400-26)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 19 W 2-3' (H224400-27)

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	09/24/2022	ND	2.12	106	2.00	8.45		
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95		
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42		
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54		
Total BTEX	<0.300	0.300	09/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/23/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41		
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38		
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND						

Surrogate: 1-Chlorooctane 87.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 20 3' (H224400-28)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 21 3' (H224400-29)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 22 3' (H224400-30)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 23 3' (H224400-31)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 23 S 0-2' (H224400-32)

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	09/24/2022	ND	2.12	106	2.00	8.45	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	102	2.00	8.95	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.96	98.2	2.00	8.42	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.06	101	6.00	8.54	
Total BTEX	<0.300	0.300	09/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 23 S 2-3' (H224400-33)

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	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 24 3' (H224400-34)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 24 S 0-2' (H224400-35)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 24 S 2-3' (H224400-36)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92		
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88		
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93		
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28		
Total BTEX	<0.300	0.300	09/24/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	176	87.9	200	3.41		
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	190	95.1	200	4.38		
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND						

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.6 % 46.3-178

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 25 3' (H224400-37)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					

Surrogate: 1-Chlorooctane 68.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.5 % 46.3-178

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 26 3' (H224400-38)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92		
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88		
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93		
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28		
Total BTEX	<0.300	0.300	09/24/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/23/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	176	87.9	200	3.41		
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	190	95.1	200	4.38		
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND						

Surrogate: 1-Chlorooctane 75.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.6 % 46.3-178

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 27 3' (H224400-39)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.1 % 46.3-178

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 28 3' (H224400-40)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/23/2022	ND	176	87.9	200	3.41	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	190	95.1	200	4.38	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 29 3' (H224400-41)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	185	92.3	200	2.77	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 30 2' (H224400-42)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92		
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88		
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93		
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28		
Total BTEX	<0.300	0.300	09/24/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	185	92.3	200	2.77		
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	191	95.7	200	3.97		
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND						

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 30 E 0-2' (H224400-43)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92		
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88		
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93		
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28		
Total BTEX	<0.300	0.300	09/24/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	185	92.3	200	2.77		
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	191	95.7	200	3.97		
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND						

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 31 3' (H224400-44)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	185	92.3	200	2.77	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 73.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.4 % 46.3-178

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* = Accredited Analyte

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 32 3' (H224400-45)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	185	92.3	200	2.77	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.5 % 46.3-178

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 33 2' (H224400-46)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2022	ND	2.09	104	2.00	3.92	
Toluene*	<0.050	0.050	09/24/2022	ND	2.05	103	2.00	3.88	
Ethylbenzene*	<0.050	0.050	09/24/2022	ND	1.97	98.4	2.00	2.93	
Total Xylenes*	<0.150	0.150	09/24/2022	ND	6.13	102	6.00	2.28	
Total BTEX	<0.300	0.300	09/24/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/23/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	185	92.3	200	2.77	
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	191	95.7	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178

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Analytical Results For:

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

Received:	09/22/2022	Sampling Date:	09/21/2022
Reported:	09/27/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	202204827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 33 S 0-2' (H224400-47)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/26/2022	ND	1.96	97.8	2.00	4.62		
Toluene*	<0.050	0.050	09/26/2022	ND	1.94	96.8	2.00	5.87		
Ethylbenzene*	<0.050	0.050	09/26/2022	ND	1.89	94.7	2.00	5.40		
Total Xylenes*	<0.150	0.150	09/26/2022	ND	5.92	98.6	6.00	5.59		
Total BTEX	<0.300	0.300	09/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/23/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/22/2022	ND	185	92.3	200	2.77		
DRO >C10-C28*	<10.0	10.0	09/22/2022	ND	191	95.7	200	3.97		
EXT DRO >C28-C36	<10.0	10.0	09/22/2022	ND						

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: *Amerdel*
 Project Manager: *Andrew Parker*
 Address: *On-File*
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: *2022 0827-1345-Prodops*
 Project Location: *Beach Satellite*
 Sampler Name: *Jesus Palomares*

P.O. #: *20220827-1345-Prodops*
 Company: *Amerdel*
 Attn: *a.parker@amerdel.com*
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	DATE	TIME	ANALYSIS
<i>H224400</i>	<i>GS-01</i>		<i>4ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>	<i>09-21</i>	<i>11:05</i>	<i>Chloride</i>
	<i>GS-01M</i>		<i>0-2ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>11:12</i>	<i>TPH (Grot Droot Mro)</i>
	<i>GS-01W</i>		<i>2-4ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>11:20</i>	<i>BTEX (Benzene)</i>
	<i>GS-02</i>		<i>4ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>11:24</i>	
	<i>GS-03</i>		<i>4ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>11:32</i>	
	<i>GS-04</i>		<i>3ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>11:37</i>	
	<i>GS-05</i>		<i>3ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>11:43</i>	
	<i>GS-06</i>		<i>3ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>11:48</i>	
	<i>GS-07</i>		<i>3ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>12:05</i>	
	<i>GS-08</i>		<i>3ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>12:12</i>	
	<i>GS-08</i>		<i>3ff</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>12:18</i>	

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Delivered By: (Circle One) _____
 Observed Temp. °C: *-6.3*
 Corrected Temp. °C: *-6.9*
 Sample Condition: Intact Cool Yes No
 CHECKED BY: (Initials) *TP*
 Turnaround Time: _____
 Standard: **RUSH**
 Bacteria (only) Sample Condition: Intact Cool Yes No
 Corrected Temp. °C: _____

Disinfectant By: _____
 Date: *09-22*
 Received By: *Jamara Stubbins*
 Date: *09-22*
 Received By: _____
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:
 t Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Amender's
Project Manager: Andrew Parker
Address: On-File
City: State: Zip:
Phone #: Fax #:
Project #: Project Owner:
Project Name: 2022-0827-1345-prodops
Project Location: Peach Satellite
Sampler Name: Jesus Palomares

FOR LAB USE ONLY
Lab I.D.: H224400
Sample I.D.:

Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER
Preserv: ACID/BASE, ICE / COOL, OTHER
Sampling: DATE, TIME

BILL TO
 P.O. #: 2022-0827-1345-prodops
 Company: Amender's
 Attn: a.parker@amenders.com
 Address: City: State: Zip:
 Phone #: Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
	11	GS-09	3ff				09-21	12:24	Chloride
	12	GS-09 SW	0-2ff					12:31	TPH (Grot + Drot + Mro)
	13	GS-09 SW	2-3ff					12:34	BTEX (Benzene)
	14	GS-10	3ff					12:41	
	15	GS-11	3ff					12:46	
	16	GS-12	3ff					12:52	
	17	GS-13	3ff					12:54	
	18	GS-14	3ff					13:04	
	19	GS-15	3ff					13:11	
	20	GS-16	3A					13:17	

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Delivered By: (Circle One) UPS Bus Other
Observed Temp. °C: -6.3
Corrected Temp. °C: -6.9
Sample Condition: Cool Intact Yes No
Checked By: (Initials) *JP*

Abandoned By: *JP*
Date: 9-22-22
Received By: *Jesus Palomares*
Date: 9-22-22
Time: 13:30

Remarks:

Turnaround Time: Standard Rush
Bacteria (only) Sample Condition: Cool Intact Yes No
Thermometer ID #113
Correction Factor -0.8°C
Corrected Temp. °C:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: *Amveder*
 Project Manager: *Andrew Parker*
 Address: *On-File*
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: *2022 0927-1345-prodops*
 Project Location: *Peach Satellite*
 Sampler Name: *Jesus Palomares*
 P.O. #: *2022 0927-1345-prodops*
 Company: *Amveder*
 Attn: *a.parker@amveder.com*
 Address: _____ City: _____
 State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
<i>H224400</i>	<i>21 GS-16E</i>	(G)RAB OR (C)OMP			<i>09-21</i>	<i>13:21</i>	<i>Chloride</i>
	<i>22 GS-16E</i>	# CONTAINERS				<i>13:28</i>	<i>TPH (Gro+Dro+Mro)</i>
	<i>23 GS-17</i>	GROUNDWATER				<i>13:33</i>	<i>BTEX (Benzene)</i>
	<i>24 GS-17</i>	WASTEWATER				<i>13:40</i>	
	<i>25 GS-19</i>	SOIL				<i>13:46</i>	
	<i>26 GS-19W</i>	OIL				<i>13:56</i>	
	<i>27 GS-19W</i>	SLUDGE				<i>13:59</i>	
	<i>28 GS-20</i>	OTHER				<i>14:06</i>	
	<i>29 GS-21</i>	ACID/BASE				<i>14:11</i>	
	<i>30 GS-21</i>	ICE / COOL				<i>14:11</i>	
	<i>31 GS-22</i>	OTHER				<i>14:18</i>	

EASE NOTE: Liability and Damages: Cardinal's liability and client's association remedy for any claim arising whether stated or not, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subcontractors, or subcontractors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Inaugurated By: _____ Date: *9-22-22* Received By: *Jessica Chaboyer*
 Inaugurated By: _____ Date: *0930* Received By: _____
 Time: _____
 Observed Temp. °C: *-6.3* Sample Condition: Cool Intact
 Corrected Temp. °C: *-6.9* Yes No
 CHECKED BY: (Initials) *AD*
 Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Bacteria (only) Sample Condition
 Correction Factor -0.8°C Cool Intact Observed Temp. °C
 Yes No No Corrected Temp. °C

Delivered By: (Circle One) _____
 Sampler - UPS - Bus - Other: _____
 Form 0007 Rev 3/07/16/22
 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: *Amerstar*
 Project Manager: *Andrew Parker*
 Address: *On-File*
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: *20220827-1345-prodops*
 Project Location: *Peach Satellite*
 Sampler Name: *Jesus Palomares*

P.O. #: *20220827-1345-prodops*
 Company: *Amerstar*
 Attn: *a.parker@amerstar.com*
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	DATE	TIME	ANALYSIS REQUEST
<i>H224400</i>	<i>31</i>		<i>34</i>	<i>SOIL</i>	<i>ICE / COOL</i>	<i>09-21</i>	<i>14:29</i>	<i>Chloride</i>
	<i>32</i>		<i>0-34</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>14:32</i>	<i>TPH (Grot Drot Mro)</i>
	<i>33</i>		<i>2-34</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>14:41</i>	<i>BTEX (Benzene)</i>
	<i>34</i>		<i>34</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>14:45</i>	
	<i>35</i>		<i>0-24</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>14:50</i>	
	<i>36</i>		<i>2-34</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>14:56</i>	
	<i>37</i>		<i>34</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>14:59</i>	
	<i>38</i>		<i>34</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>15:04</i>	
	<i>39</i>		<i>34</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>15:11</i>	
	<i>40</i>		<i>34</i>	<i>SOIL</i>	<i>ICE / COOL</i>		<i>15:17</i>	

EXERCISE NOTE: Liability and Damages: Cardinal's liability and claims are limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claims are based upon any of the above stated theories of damages.

Relinquished By: _____
 Date: *9-22-22*
 Received By: *Sumana Chakraborty*
 Date: *09-30*
 Received By: _____

Delivered By: (Circle One) _____
 Observed Temp. °C: *-6.3*
 Corrected Temp. °C: *-6.9*
 Sample Condition: Cool Intact
 Checked By: (Initials) *AP*

Turnaround Time: _____
 Standard: *Rush*
 Bacteria (only) Sample Condition: Cool Intact
 Corrected Temp. °C: _____



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: **Amerstar**
 Project Manager: **Andrew Parker**
 Address: **On-File**
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: **20220927-1345-prodops**
 Project Location: **Peach Satellite**
 Sampler Name: **Jesus Palomares**

BILL TO
 P.O. #: **20220927-1345-prodops**
 Company: **Amerstar**
 Attn: **a.parker@amerstar.com**
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX					DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE			
H222400	G5-29	GT	1						09-21	15:28	Chloride
	G5-30	GT	1						09-21	15:37	TPH (Grot + Drot + Mro)
	G5-30E	GT	1						09-21	15:41	BTEX (Benzene)
	G5-31	GT	1						09-21	15:47	
	G5-32	GT	1						09-21	15:52	
	G5-33	GT	1						09-21	15:59	
	G5-33S	GT	1						09-21	16:07	

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Delivered By: (Circle One) **UPS** Observed Temp. °C: **-6.3** Sample Condition: Cool Intact
 Corrected Temp. °C: **-6.9** Yes No
 Date: **9-22-22** Received By: **Juanita Delgado** CHECKED BY: **AS**
 Time: _____
 Date: **09-20** Received By: _____
 Time: _____

Turnaround Time: _____ Standard **RUSH**
 Bacteria (only) Sample Condition: Cool Intact
 Corrected Temp. °C: _____ Yes No
 Corrected Temp. °C: _____ Yes No

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

October 03, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: PEACH SATELLITE

Enclosed are the results of analyses for samples received by the laboratory on 09/28/22 16:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/28/2022	Sampling Date:	09/28/2022
Reported:	10/03/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	20220827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: PEACH BACKFILL 01 (H224520-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/02/2022	ND	2.13	106	2.00	4.73	
Toluene*	<0.050	0.050	10/02/2022	ND	2.09	104	2.00	3.41	
Ethylbenzene*	<0.050	0.050	10/02/2022	ND	2.05	103	2.00	3.18	
Total Xylenes*	<0.150	0.150	10/02/2022	ND	6.23	104	6.00	3.57	
Total BTEX	<0.300	0.300	10/02/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/30/2022	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	105	200	3.00	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	208	104	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/28/2022	Sampling Date:	09/28/2022
Reported:	10/03/2022	Sampling Type:	Soil
Project Name:	PEACH SATELLITE	Sampling Condition:	Cool & Intact
Project Number:	20220827-1345-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: GS - 01.2 N (H224520-02)

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	10/02/2022	ND	2.13	106	2.00	4.73	
Toluene*	<0.050	0.050	10/02/2022	ND	2.09	104	2.00	3.41	
Ethylbenzene*	<0.050	0.050	10/02/2022	ND	2.05	103	2.00	3.18	
Total Xylenes*	<0.150	0.150	10/02/2022	ND	6.23	104	6.00	3.57	
Total BTEX	<0.300	0.300	10/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/30/2022	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/30/2022	ND	211	105	200	3.00	
DRO >C10-C28*	<10.0	10.0	09/30/2022	ND	208	104	200	3.17	
EXT DRO >C28-C36	<10.0	10.0	09/30/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Amereley
 Project Manager: Andrew Parker
 Address: On-File
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: 20220827-1345-prodops
 Project Location: Peach Satellite
 Sampler Name: Christopher Turner
 P.O. #: 20220827-1345-prodops
 Company: Amereley
 Attn: aparker@amereley.com
 Address: _____ City: _____
 State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<u>H021530</u>	<u>Peach Backfill 01</u>		<u>611</u>			<input checked="" type="checkbox"/>				<u>09-28</u>	<u>08:02</u>	<u>Chloride</u>
<u>2</u>	<u>GS-01.2N</u>		<u>611</u>			<input checked="" type="checkbox"/>				<u>09-28</u>	<u>08:15</u>	<u>TPH (GRO+Dro+Mro)</u>
												<u>BTEX (Benzene)</u>

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: GA1 Date: 9-28-22 Time: 16:22
 Received By: Jamara White
 Turnaround Time: _____ Standard Rush
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: TEMP Blank 4.2c

Delivered By: (Circle One) Observed Temp. °C 43 Sample Condition Intact Cool Yes No Bacteria (only) Yes No Sample Condition Observed Temp. °C _____
 Corrected Temp. °C 37 Yes No Checked By: AO (Initials)
 Thermometer ID #113 Yes No Corrected Temp. °C _____
 Correction Factor -0.6°C

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

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

COMMENTS

Action 151334

COMMENTS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 151334
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
jharimon	Missing Initial C-141 pages	10/17/2022

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

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

CONDITIONS

Action 151334

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 151334
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Deferral Request Approved. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue. The OCD will not close a release, where contaminants are left in place, due to close proximity to equipment. The incident will only be closed after all contaminated soil has been remediated to meet OCD Spill Rule Standards.	11/10/2022