

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

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

QUESTIONS

Action 76684

QUESTIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 76684
	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	DeSoto Springs 20220124-2200-water
Date Release Discovered	01/24/2022
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 352 BBL Recovered: 0 BBL Lost: 352 BBL]
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 76684

QUESTIONS (continued)

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 76684
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.
Reasons why this would be considered a submission for a notification of a major release	<ul style="list-style-type: none"> Unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	Andrew Parker aparker@amereDEV.com
If YES, was immediate notice given to the OCD, to whom	OCD.Enviro@state.nm.us , mike.bratcher@state.nm.us
If YES, was immediate notice given to the OCD, when	01/25/2022
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	email

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

Initial Response

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

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

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

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ACKNOWLEDGMENTS

Action 76684

ACKNOWLEDGMENTS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 76684
	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 76684

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 76684
	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.	1/29/2022

Incident ID	nAPP2202947197
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 & 3</u>	___>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 type="checkbox"/> Yes <input checked="" 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 2 & 3</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? <u>Plate 3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? <u>Plate 3</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland? <u>Plate 6</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine? <u>Plate 7</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology? <u>Plate 8</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain? <u>Plate 9</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 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.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2202947197
District RP	
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Application ID	

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

Printed Name: Andrew Parker

Title: Env. Scientist

Signature: 

Date: April 18, 2022

email: aparker@ameredev.com

Telephone: 970-570-9535

OCD Only

Received by: _____

Date: _____

Incident ID	nAPP2202947197
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

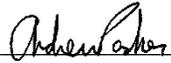
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

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

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

Printed Name: Andrew Parker

Title: Env. Scientist

Signature: 

Date: April 18, 2022

email: aparker@ameredev.com

Telephone: 970-570-9535

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: 

Date: 05/18/2022

Incident ID	nAPP2202947197
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

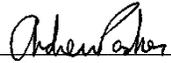
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- Extents of contamination must be fully delineated.
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Printed Name: Andrew Parker

Title: Env. Scientist

Signature: 

Date: August 28, 2022

email: aparker@ameredev.com

Telephone: 970-570-9535

OCD Only

Received by: Jocelyn Harimon Date: 08/28/2022

- Approved
 Approved with Attached Conditions of Approval
 Denied
 Deferral Approved

Signature: 

Date: 09/07/2022

Incident ID	nAPP2202947197
District RP	
Facility ID	
Application ID	

Closure

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

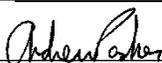
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

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

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

Printed Name: Andrew Parker

Title: Env. Scientist

Signature: 

Date: August 28, 2022

email: aparker@ameredev.com

Telephone: 970-570-9535

OCD Only

Received by: Jocelyn Harimon

Date: 08/28/2022

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

August 28, 2022

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

RE: Closure and Deferral Request
Incident ID: nAPP2202947197
DeSoto Springs 600 ft NE
AEP #: 20220124-2200-water

NMOCD:

Ameredeve Operating submits this closure report and deferral request for the above referenced incident. We respectfully ask NMOCD for

1. Closure of the regulatory file for remediated areas off-site and within the right-of-way, and
2. Remediation deferral around utility poles, line anchors, and production equipment.

The release occurred on January 24, 2022 from the failure of a polypipe at a pipeline rise. The calculated volume of released produced water was 352 barrels.

The release was within a pipeline right-of-way (ROW) for oil and gas operations and occurred on Fee surface. The coordinates of the release point are 32.0770297, -103.2803545 (Lat, Long; NAD83). The release did not impact surface or groundwater.

Per NMOCD approval on March 16, 2022, base confirmation samples represented not more than 500 square feet and wall samples were representative of not more than 200 sq. ft. The remediation plan was approved by NMOCD on May 18th, 2022 (attached C-141). Variance for installation of liner was approved by NMOCD on July 1, 2022. Communications are included in Appendix A

Plate 15 shows the sample grid with associated square footage. Plate 16 shows the confirmation sample points. Table A shows the sample point coordinates.

Incident ID: nAPP2202947197

DeSoto Springs 600 ft NE

AEP#: 20220124-2200-water

1. Remediation & Restoration

A water well used for stock watering is located 325-feet northwest of the release. Per 19.15.29.12(4)(a)(c)(i) NMAC, the water well is located within 500-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 \leq 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

Approximately 2,185 cu. yrds. of material was excavated and hauled off-site to an approved disposal facility. Site map with excavation extent and excavation depths are shown in Exhibit 2. Soil samples were collected at the excavation bases and grab samples from a hand auger at specified depths below the base to evaluate the vertical extent (delineation) of impacted soil. Hydrocarbons were only detected in base sample CB-13 at 4 ft; therefore, the base was excavated to a depth of 5-feet. At 5-feet hydrocarbons were not detected.

A summary of analytical results, and remediation intervention (removed, lined, or deferred) are shown in Table B. Certificates of Analyses are attached in Appendix B.

Where confirmation sampling for the grid locations met above closure criteria, grid areas were backfilled, graded, and restored per 19.15.29.13 NMAC.

Where confirmation sampling exceeded closure criteria at depth of > 4 feet below ground surface, grid locations were lined with 20-mil LLDPE liner (approved variance) prior to backfill, grading and restoration. Exhibit 2 identifies the areas that were lined. Figures 1 and 2 shows the installation of the liner.

08/28/2022

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AmeredeV II, LLC

Incident ID: nAPP2202947197
DeSoto Springs 600 ft NE
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Figure 1: Lining the eastern portion of the remediation area. Photograph is viewing east-northeast as captured from grid G-12.

*Date/Time: 2022-07-27 09:18:30
GPS: 32.0769681, -103.2801517*



Figure 2: Lining the southern half of the remediation area. Photograph is viewing southeast as captured from grid G-06.

*Date/Time: 2022-07-27
09:31:57
GPS: 32.0769781, -103.2802772*

08/28/2022

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Incident ID: nAPP2202947197

DeSoto Springs 600 ft NE

AEP#: 20220124-2200-water

2. Deferral Request

Exhibit 3 shows the areas within the release extent where deferral is requested due to location of utility poles, anchor lines and production equipment, referenced as East, West and South. These areas are also noted as “Defer” in Table B. Confirmation (Delineation) sample locations were at the excavation base and a grab sample from a hand auger at specified depths below the base to evaluate the vertical extent of impacted soil. For areas within the deferred areas and not excavated, a base sample was collected at the surface and grab sample(s) from a hand auger at specified depths below the base to evaluate the vertical extent of impacted soil.

Ameredev maintained a safe “no excavation zone” following industry guidelines during excavation activities around utility poles and line anchors - industry guidelines recommend a 15 to 20-foot radius (Figures 3 and 4). Remediation around the utility poles and anchors would require for powerlines to be de-energized and the utility poles and anchors removed, causing a major disruption to area-wide oil and gas operations.



Figure 3: The utility pole within the east defer area. The buried powerline extends from the utility pole and transects west toward the production facility. Photograph is viewing east.

Date/Time: 2022-05-27 09:28:54

GPS: 32.0770300, -103.2801911



*Figure 4: Utility poles, line anchors, and production facility within the west defer area. Photograph is viewing south-southwest. Date/Time: 2022-05-27 09:36:23
GPS: 32.0772406, -103.2802428*

08/28/2022

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Ameredev II, LLC

Incident ID: nAPP2202947197

DeSoto Springs 600 ft NE

AEP#: 20220124-2200-water

Per 19.15.29.12.C.(2) NMAC, remediation may be deferred around production equipment where remediation would cause a major facility deconstruction. Production equipment is located at the west edge of the release extent (Figure 5). Remediating around the production equipment could cause structure instability without major facility deconstruction.



Figure 5: Production equipment within West defer area. Photograph is viewing south.

Date/Time: 2022-05-27 09:37:12

GPS: 32.0770669, -103.2802367

Around the production equipment and surface flowlines the upper 1-foot of the release extent was excavated. Additional vertical excavation around the production equipment and surface flowlines would cause a threat to human health and the environment without facility deconstruction.

A 20-mil LLDPE vertical liner (i.e. curtain) was placed at excavation walls adjacent to the deferred areas to prevent horizontal migration of chloride impacted soil into the remediated area.

The areas for deferral were fully delineated (see Table B where Comments = "Defer"). Impacted soil in these areas do not cause an imminent risk to human health, the environment, or groundwater.

The surface was contoured and restored as an established ROW (Figures 6 & 7) per 19.15.29.13.A-C NMAC. Remediation and reclamation areas adjacent to utility poles, anchors, and production equipment (per deferral request) will occur when the production site is no longer in-use for oil and gas operations per 19.15.29.13.D NMAC.

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DeSoto Springs 600 ft NE
AEP#: 20220124-2200-water



Figure 6: Restored surface viewing southeast from the northwest edge of the release
Date/Time: 2022-08-18 14:30:53. GPS: 32.0772167, -103.2804194



Figure 7: Restored surface viewing north along a pipeline ROW.
Date/Time: 2022-08-18 14:20:02 GPS: 32.0768611, -103.2802444

08/28/2022

Released to Imaging: 9/7/2022 10:19:24 AM

Incident ID: nAPP2202947197

DeSoto Springs 600 ft NE

AEP#: 20220124-2200-water

When the production facilities and areas of utility poles and anchors within the ROW is no longer in use for oil and gas operations, the surface shall be remediated, restored, and reclaimed per 19.15.29.13.D

Sincerely,
Ameredev II, LLC



Andrew Parker
Env. Scientist

Copy: Dayeed Kahn, Ameredev II, LLC

08/28/2022

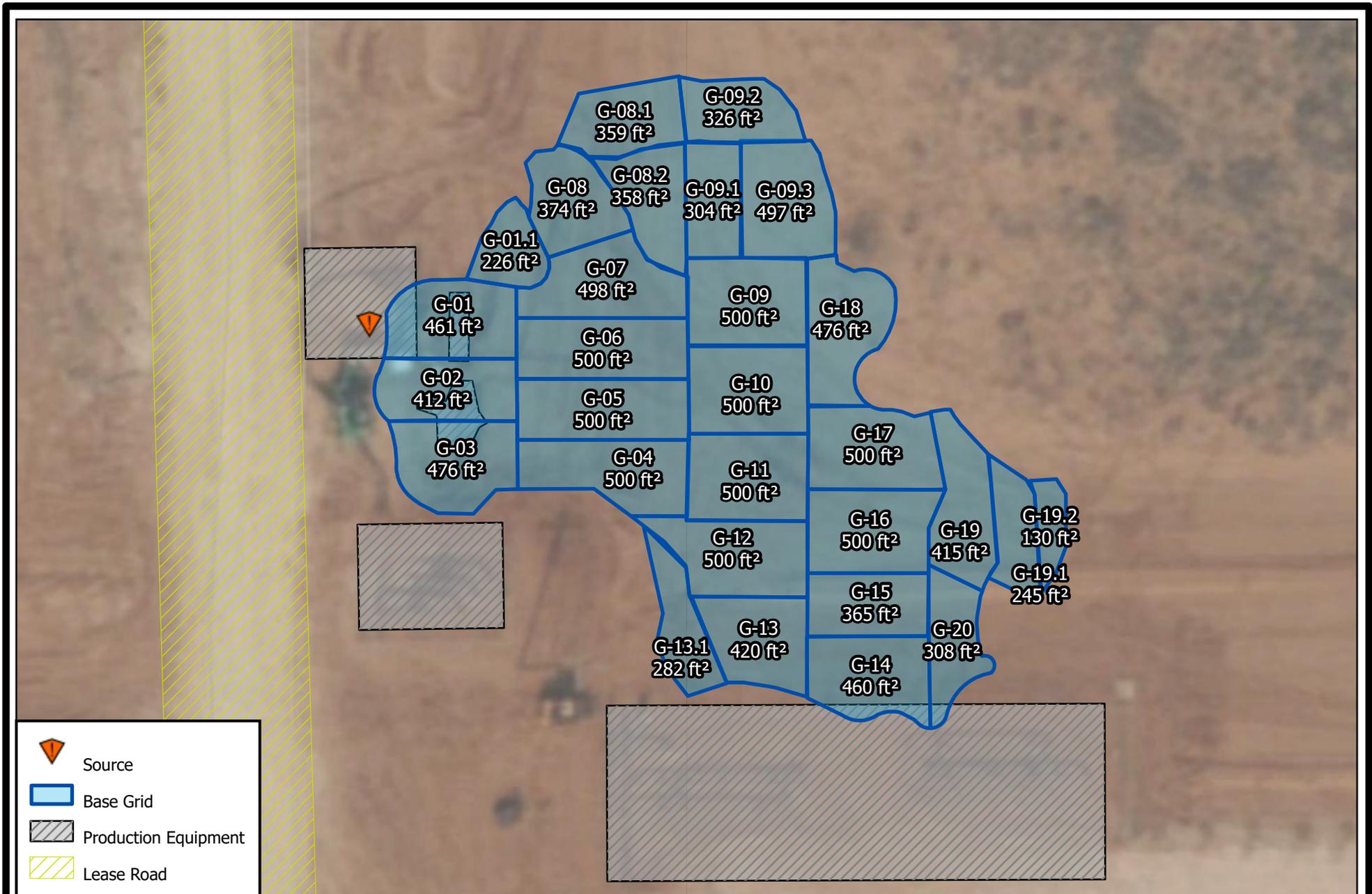
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Plates



Ameredev II, LLC

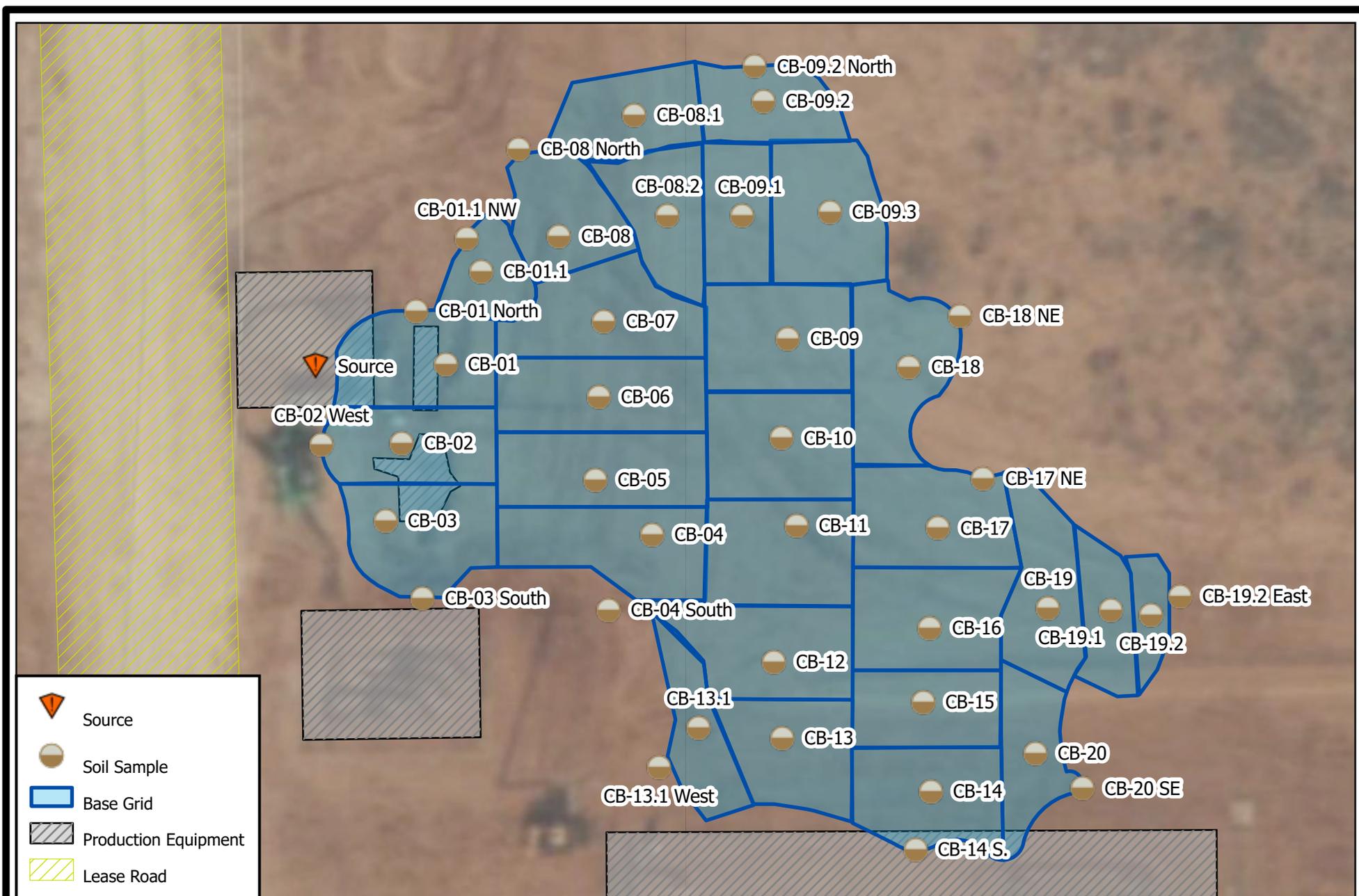


 Source
 Base Grid
 Production Equipment
 Lease Road

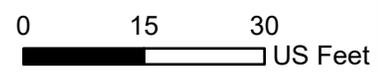


Sample Grid
 600ft NE of DeSoto Springs Containment
 Incident #: nAPP2202947197
 AEP #: 20220124-2200-water

Plate 15
 08/04/2022

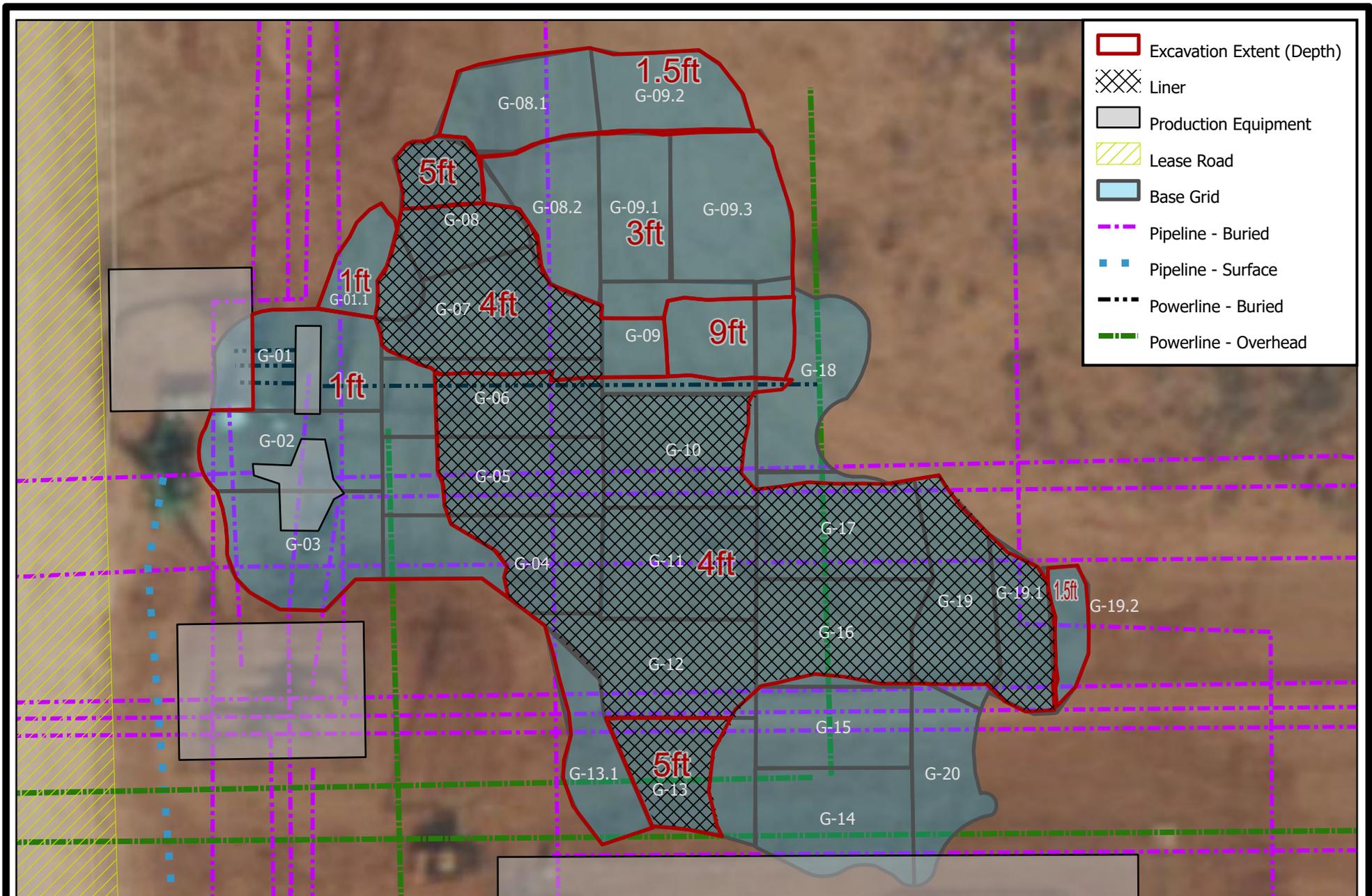


-  Source
-  Soil Sample
-  Base Grid
-  Production Equipment
-  Lease Road



<p>Sample Locations 600ft NE of DeSoto Springs Containment</p>
<p>Incident #: nAPP2202947197 AEP #: 20220124-2200-water</p>

<p>Plate 16</p>
<p>08/04/2022</p>

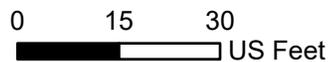
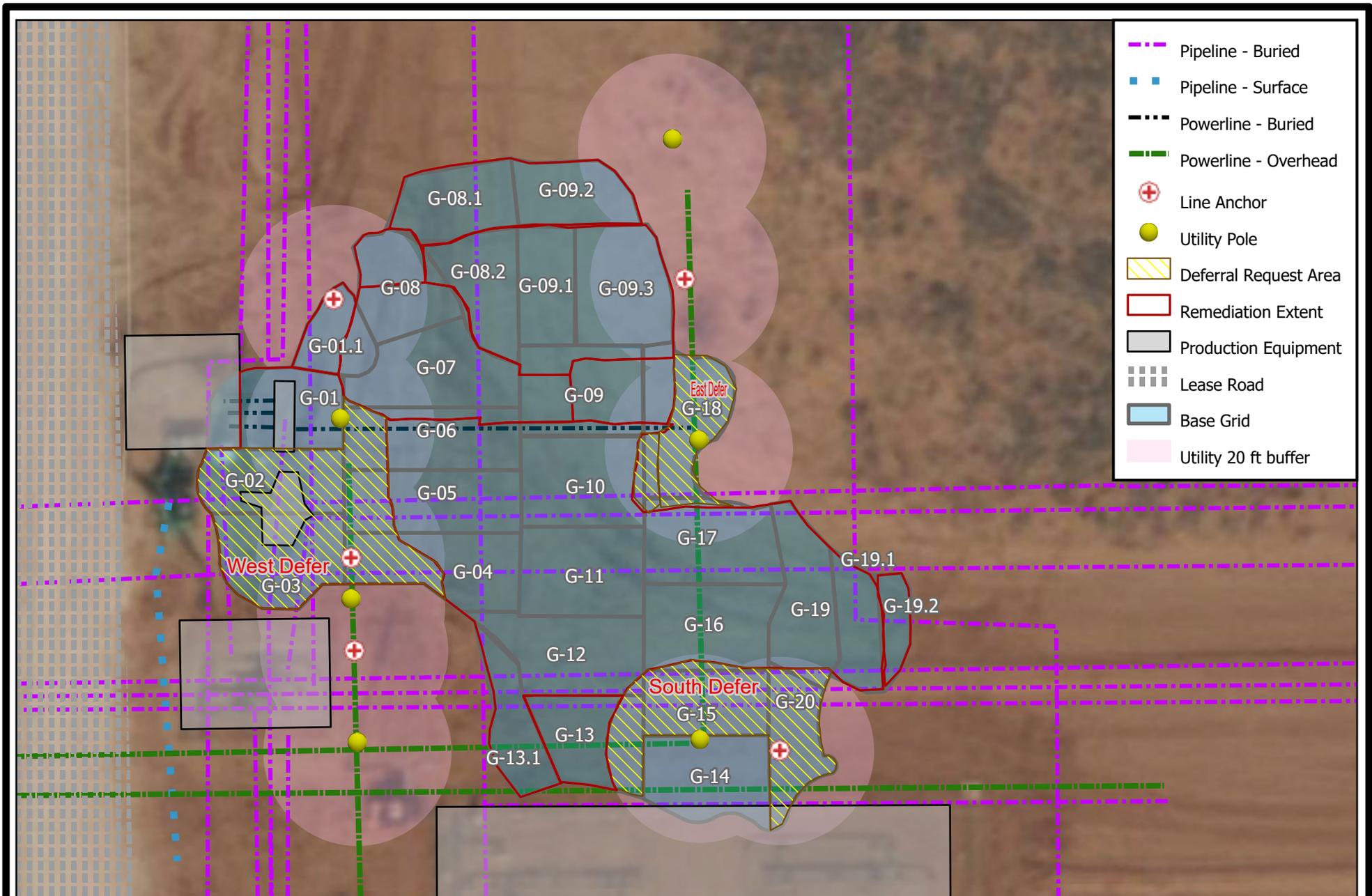


- Excavation Extent (Depth)
- Liner
- Production Equipment
- Lease Road
- Base Grid
- Pipeline - Buried
- Pipeline - Surface
- Powerline - Buried
- Powerline - Overhead



Excavation Depths and Liner Placement
 600ft NE of DeSoto Springs Containment
 Incident #: nAPP2202947197
 AEP #: 20220124-2200-water

Exhibit 2 (rev)
 08/04/2022



Deferral Area Request
 600ft NE of DeSoto Springs Containment
 Incident #: nAPP2202947197
 AEP #: 20220124-2200-water

Exhibit 3 (rev)

08/04/2022

Tables



Ameredev II, LLC

feat_name	Location	Latitude	Longitude
CB-01	Base	32.07703537	-103.2802879
CB-01 North	Wall	32.07706177	-103.2803047
CB-01.1	Base	32.07708083	-103.2802671
CB-01.1 NW	Wall	32.07709711	-103.2802751
CB-02	Base	32.07699692	-103.2803136
CB-02 W	Wall	32.0769966	-103.2803602
CB-03	Base	32.07695879	-103.2803235
CB-03 S	Wall	32.44923876	-103.6035036
CB-04	Base	32.07695094	-103.2801698
CB-04 S	Wall	32.07691401	-103.2801954
CB-05	Base	32.0769781	-103.2802022
CB-06	Base	32.07701861	-103.2801999
CB-07	Base	32.07705578	-103.2801966
CB-08	Base	32.07709765	-103.2802219
CB-08 N	Wall	32.07714073	-103.2802449
CB-08.1	Base	32.07715687	-103.2801777
CB-08.2	Base	32.07710754	-103.2801593
CB-09	Base	32.07704633	-103.2800904
CB-09.1	Base	32.07710705	-103.2801163
CB-09.2	Base	32.07716316	-103.2801032
CB-09.2 N	Wall	32.44910084	-103.6034551
CB-09.3	Base	32.0771085	-103.2800655
CB-10	Base	32.07699761	-103.2800946
CB-11	Base	32.07695459	-103.2800865
CB-12	Base	32.07688783	-103.2801003
CB-13	Base	32.07685017	-103.280096
CB-13.1	Base	32.07685587	-103.280144
CB-13.1 W	Wall	32.07683651	-103.2801673
CB-14	Base	32.07682333	-103.2800105
CB-14 S	Wall	32.07679501	-103.2800196
CB-15	Base	32.07686729	-103.2800144
CB-16	Base	32.07690368	-103.2800101
CB-17	Base	32.07695272	-103.2800048
CB-17 NE	Wall	32.07697682	-103.2799785
CB-18	Base	32.07703197	-103.2800207
CB-18 NE	Wall	32.07705675	-103.2799908
CB-19	Base	32.07691294	-103.2799418
CB-19.1	Base	32.07691149	-103.2799055
CB-19.2	Base	32.07690907	-103.2798823
CB-19.2 E	Wall	32.07691811	-103.2798655
CB-20	Base	32.07684157	-103.2799499
CB-20 SE	Wall	32.07682421	-103.279923

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Sample Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
												(Hall/Cardinal)	
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
CB-01			0	1	Base						Removed		
CB-01	5/17/2022		1	2	Base	96	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-01	5/17/2022		2	4	Base	80	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-01 N	5/16/2022		0	2	Wall	64	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-1.1			0	1	Base						Removed		
CB-1.1	5/17/2022		1	2	Base	32	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-1.1 NW	5/16/2022		0	2	Wall	48	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-02			0	1	Removed						Removed		
CB-02	5/17/2022		1	2	Base	832	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-02	5/17/2022		2	4	Base	1890	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-02	5/17/2022	4.5			Base	544	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-02	5/17/2022	5.5			Base	272	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-02 W	5/16/2022		0	2	Wall	48	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-03			0	1	Base						Removed		
CB-03	5/17/2022		1	2	Base	272	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-03	5/17/2022		2	4	Grab	1600	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-03	5/17/2022	4.5			Grab	1760	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-03 S	5/16/2022		0	2	Wall	48	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-04			0	4	Base						Removed		
CB-04	5/17/2022	4			Base	1600	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-04	5/17/2022	5			Base	1120	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-04	5/17/2022	6			Base	928	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-04	5/17/2022	7			Base	529	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-04 S	5/16/2022		0	2	Wall	16	<20	<30	<0.05	<0.3		Cardinal	H222130
CB-05			0	4	Base						Removed		
CB-05	5/17/2022	4			Base	1500	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-05	5/17/2022	5			Base	576	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-05	5/17/2022	6			Base	320	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-06			0	4	Base						Removed		
CB-06	5/17/2022	4			Base	2120	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-06	5/17/2022	5			Base	4400	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-06	5/17/2022	6			Base	2240	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-06	5/17/2022	7			Base	640	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-07			0	4	Base						Removed		
CB-07	5/17/2022	4			Base	928	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-07	5/17/2022	5			Base	704	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-07	5/17/2022	6			Base	352	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Sample Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
												(Hall/Cardinal)	
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
CB-08			0	4	Removed						Removed		
CB-08	5/17/2022	4			Base	1600	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-08	5/17/2022	5			Base	1310	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-08	5/17/2022	6			Base	96	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-08 N	5/16/2022		0	2	Wall	48	<20	<30	<0.05	<0.3		Cardinal	H222130
CB-08.1			0	1.5	Base						Removed		
CB-08.1	5/17/2022		1.5	2	Base	16	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-08.2			0	3	Base						Removed		
CB-08.2	5/17/2022		3	4	Base	80	<20	<30	<0.05	<0.3		Cardinal	H222130
CB-09			0	9	Base						Removed		
CB-09	5/17/2022	9			Base	288	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-09	5/17/2022	10			Base	32	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-09.1			0	3	Base						Removed		
CB-09.1	5/17/2022		3	4	Base	16	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-09.2			0	1.5	Base						Removed		
CB-09.2	5/17/2022		1.5	2	Base	80	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-09.2 N	5/16/2022		0	2	Wall	16	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-09.3			0	3	Base						Removed		
CB-09.3	5/17/2022		3	4	Base	784	<20	<30	<0.05	<0.3	Removed	Cardinal	H222130
CB-09.3	5/17/2022	4.5			Base	64	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-10			0	4	Base						Removed		
CB-10	5/17/2022	4			Base	1740	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-10	5/17/2022	5			Base	704	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-10	5/17/2022	6			Base	432	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-10	5/17/2022	7			Base	160	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-11			0	4	Removed						Removed		
CB-11	5/17/2022	4			Base	80	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-12			0	4	Base						Removed		
CB-12	5/17/2022	4			Base	1630	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-12	5/17/2022	5			Base	1920	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-12	5/17/2022	6			Base	176	<22.9	<32.9	<0.05	<0.3	Delineation	Cardinal	H222130
CB-13			0	4	Base						Removed		
CB-13	5/17/2022	4			Base	1180	<172	<195.8	<0.05	<0.3	Removed	Cardinal	H222130
CB-13	5/17/2022	5			Base	4960	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-13	5/17/2022	6			Base	2160	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-13	5/17/2022	7			Base	3600	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-13.1			0	4	Base						Removed		
CB-13.1	5/18/2022	4			Base	32	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Sample Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
												(Hall/Cardinal)	
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
CB-13.1W	5/16/2022		0	2	Wall	32	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-14	5/18/2022		0	2	Base	16	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-14	5/18/2022		2	4	Base	32	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-14 S	5/16/2022		0	2	Wall	<16	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-15	5/18/2022		0	2	Base	2520	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-15	5/18/2022		2	4	Base	2800	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-15	5/18/2022	4.5			Base	1460	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-15	5/18/2022	5.5			Base	704	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-15	5/18/2022	6.5			Base	448	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-16			0	4	Base						Removed		
CB-16	5/18/2022	4			Base	2000	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-16	5/18/2022	5			Base	4400	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-16	5/18/2022	6			Base	2080	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-16	5/18/2022	7			Base	800	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-16	5/18/2022	8			Base	352	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-17			0	4	Base						Removed		
CB-17	5/18/2022	4			Base	80	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-17 NE	5/16/2022		0	2	Wall	16	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-18	5/18/2022		0	2	Base	1960	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-18	5/18/2022		2	4	Base	2240	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-18	5/18/2022	4.5			Base	3720	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-18	5/18/2022	5.5			Base	3600	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-18	5/18/2022	6.5			Base	3280	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-18	5/18/2022	7.5			Base	3120	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-18 NE	5/16/2022		0	2	Wall	16	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-19			0	4	Base						Removed		
CB-19	5/16/2022	4			Base	272	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-19	5/16/2022	5			Base	3120	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-19	5/16/2022	6			Base	2400	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-19	5/16/2022	7			Base	1180	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-19.1			0	4	Base						Removed		
CB-19.1	5/18/2022	4			Base	2280	<20	<30	<0.05	<0.3	Liner	Cardinal	H222130
CB-19.1	5/18/2022	5			Grab	2000	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-19.1	5/18/2022	6			Grab	400	<20	<30	<0.05	<0.3	Delineation	Cardinal	H222130
CB-19.2			0	1.5	Removed						Removed		
CB-19.2	5/18/2022		1.5	2	Base	16	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-19.2 E	5/16/2022		0	2	Wall	48	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130

Sample ID	Date	Discrete Depth (Feet)	Top Depth (Feet)	Bottom Depth (Feet)	Sample Location	Chloride (mg/kg)	GRO+DRO (mg/kg)	TPH Ext. (mg/kg)	Benzene (mg/kg)	BTEX (mg/kg)	Comments	Lab	Lab #
												(Hall/Cardinal)	
NMOCD Closure Criteria													
0 - 4 feet & "not in-use"						600	--	100	10	50			
> 4 ft or "in-use"						20,000	1,000	2,500	10	50			
CB-20	5/16/2022		0	2	Base	2360	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-20	5/16/2022		2	4	Base	1700	<20	<30	<0.05	<0.3	Defer	Cardinal	H222130
CB-20	5/16/2022	4.5			Base	272	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
CB-20 SE	5/16/2022		0	2	Wall	48	<20	<30	<0.05	<0.3	Confirmation	Cardinal	H222130
Backfill	7/21/2022				Backfill	224	<20	<30	<0.05	<0.3	Backfill	Cardinal	H223211
Backfill	8/18/2022				Backfill	32	<20	<30	<0.05	<0.3	Backfill	Cardinal	H223798

Appendix A

Communications



Ameredev II, LLC

Andrew Parker

From: Andrew Parker
Sent: Saturday, January 29, 2022 1:24 PM
To: Enviro, OCD, EMNRD
Cc: Dayeed Khan; Shane McNeely
Subject: 48 hour soil sampling notice for nAPP2202947197 DeSoto Springs 20220124-2200-water

NMOCD,

Please accept this email as the 48-hour sampling notice per 19.15.29 NMAC for Incident # nAPP2202947197. The initial characterization samples may be used for confirmation sampling during remediation and closure reporting.

Regards,

Andrew Parker
Environmental Scientist
970-570-9535



From: [Hensley, Chad, EMNRD](#)
To: [Andrew Parker](#)
Cc: [Bratcher, Mike, EMNRD](#); [Shane McNeely](#); [Floyd Hammond](#)
Subject: RE: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water
Date: Wednesday, March 16, 2022 3:13:32 PM

Mr. Parker,

OCD approves the below conditions outlined in the previous e-mail.

- Sampling grid you have provided is approved.
- Closure criteria of <50ft.

NOTE: The OCD requires a copy of all correspondence relative to remedial projects be included in all proposal and/or final closure reports. Correspondence required to be included in reports may include, but not necessarily limited to, extension requests, liner inspection notifications, sample event notifications, spill/release/fire notifications, and variance requests. This will allow for notifications and requests to become a documented part of the incident file.

Cheers,

Chad Hensley • Environmental Science & Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

811 First St. | Artesia, NM 88210

Office: 575.748.1283 | Cell: 575-703-1723

chad.hensley@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Andrew Parker <aparker@amerev.com>

Sent: Wednesday, March 16, 2022 2:03 PM

To: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>

Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Shane McNeely <smcneely@amerev.com>; Floyd Hammond <fhammond@amerev.com>

Subject: RE: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

Mr. Hensley,

Ameredev Operating respectfully asks NMOCD for approval of the proposed confirmation sampling grid to not exceed 500 sq. ft. The attached map presents the sampling grid layout. Sidewall samples will not exceed 200 sq. ft. Ameredev plans on beginning remediation within the next two weeks. There is a stock water well within 500-feet of the release extent. Therefore, closure criteria will adhere to the most stringent concentrations listed in Table 1 of 19.15.29 NMAC where soils in the upper 4-feet have a chloride concentration of less than 600 mg/kg, a TPH concentration of no more than 100 mg/kg, a total BTEX concentration of no more than 50 mg/kg, and a benzene concentration of no more than 10 mg/kg.

Furthermore, I am in receipt of your follow-up email asking for all correspondence be included in forthcoming reports. All correspondence will be included in the reports.

Please advise if this email is sufficient for the above approval request or if Ameredev needs to

submit via the online portal.

Thank you.

Andrew Parker

Environmental Scientist

970-570-9535



From: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Sent: Friday, March 11, 2022 11:35 AM
To: Andrew Parker <AParker@advanceenergypartners.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: RE: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good morning Mr. Parker.

Request for confirmation composite samples to exceed 500 sq/ft is denied. The OCD will accept floor and sidewall confirmation composite samples not exceeding 500sq/ft.

Cheers,

Chad Hensley • Environmental Science & Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

811 First St. | Artesia, NM 88210

Office: 575.748.1283 | Cell: 575-703-1723

chad.hensley@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Friday, March 11, 2022 11:15 AM
To: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Subject: FW: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

From: Andrew Parker <aparker@ameredev.com>
Sent: Wednesday, March 2, 2022 4:54 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

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

Mr. Bratcher,

Per our phone conversation, I canceled the characterization soil sampling for the above referenced release in consideration of safety for human health and the environment due the presence of buried pipelines. Obtaining soil samples at depth is not recommended without first exposing the pipelines via hydrovac. Therefore, the current plan is to begin remediation by hydrovacating around the buried pipelines then begin excavating within the next 10-days. The attached maps show the location of the buried pipelines.

For confirmation sampling, we propose a confirmation sampling grid larger than 200 sq ft as shown on the attached map titled 'Proposed Confirmation Sampling Grid.pdf'. Please let me know the best way to proceed obtaining approval for the proposed confirmation sampling grid. Options include, but not limited to:

1. This email
2. Notification of proposed sampling grid via NMOCD online?
3. Characterization and remediation plan via NMOCD online?

Supporting Information:

The nearest water well to the release is mapped as MISC-405 on Plate 2 located 325-feet northwest of the release area. Well data obtained from the New Mexico Office of the State Engineer (OSE) identifies this well as CP-00857 POD 1 with a water bearing formation from 300 to 365-feet below ground surface. We acknowledge that the nearby water well triggers cleanup levels to be 600 mg/kg chloride from surface to 4-feet and below.

Furthermore, we performed an EM survey for characterization. The attached maps and description below is reproduced from the draft characterization plan discussing the EM survey.

Interpretation notes:

☐ Metal objects such as production equipment, pipelines, and fences will have an influence on the electrical conductivity readings. The user of the EMI survey needs to be aware of false high and low electrical conductivity readings caused metal objects.

Plate 10 shows the metal susceptibility (interference) readings. Yellow and gray shading identifies areas with greatest metal susceptibility. Dark blue shading identifies areas not influenced by metal. The following areas shows metal susceptibility:

☐ Around electrical boxes, pumps, and oil field equipment (production equipment).

☐ Around fences at the west central and southern edges of the survey area.

Plate 11 shows EC_a in the upper 2-feet of the soil column. Discounting areas of metal interface and correlating EC_a to chloride concentrations

☐ Darker green shading represents background concentrations where $EC_a < 0.2$ mS/cm (chloride < 600 mg/kg)

☐ Yellow shading represents concentrations where EC_a is approximately 3.0 mS/cm (chloride 3,851 mg/kg)

☐ Red shading represents concentrations where EC_a is approximately 6.0 mS/cm (chloride 7,721 mg/kg)

Throughout the release extent and in the upper 2-feet, chloride concentrations are anticipated to exceed 19.15.29 NMAC Closure Criteria for areas not in-use for oil and gas operations (not on an active production pad). Closure Criteria for areas not in-use in the upper 4-feet is < 600 mg/kg chloride. Remediation will be required, at a minimum, in the upper 2-feet or until the most stringent Closure Criteria is met for Chloride, TPH, and BTEX.

Plate 12 shows EC_a from approximately 2 to 4 feet below ground surface (bgs). Chloride concentrations between 3,851 and 7,721 mg/kg is likely limited to the southern 1/3 of the release

extent and around the source area. Remediation is likely to extend below 4-feet to meet the most stringent Closure Criteria.

Thank you,
Andrew Parker
Environmental Scientist
970-570-9535



From: Andrew Parker
Sent: Saturday, January 29, 2022 1:20 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Dayeed Khan <dkhan@ameredev.com>; Shane McNeely <smcneely@ameredev.com>
Subject: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water
OCD,

Attached is the C-141 Release Notification for Incident # nAPP2202947197 DeSoto Springs 20220124-2200-water. The electronic confirmation of reporting is referenced in the below email. Included in the attached is the volume calculation and a copy of the 24 hour major release notice.

Andrew Parker
Environmental Scientist
970-570-9535



From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Saturday, January 29, 2022 1:07 PM
To: Andrew Parker <AParker@ameredev.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 76684

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#) nAPP2202947197, 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 nAPP2202947197, 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



Ameredev II, LLC

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

July 1, 2022

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

RE: Liner Variance Request
Incident ID: nAPP2202947197
DeSoto Springs 600 ft NE
AEP #: 20220124-2200-water

NMOCD:

Ameredev Operating respectfully asks NMOCD for variance approval to the Closure Criteria listed in Table 1 of 19.15.29 NMAC and 19.15.29.12. C. (4)(a)(c)(i) NMAC.

- a. A water well is located within 500-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.
- b. Closure Criteria is 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
- c. The proposed variance is to install a 20-mil LLDPE liner at 4.5-feet below ground surface

The proposed variance is to install a 20-mil LLDPE liner at excavation bases where chloride exhibits >600 mg/kg (Exhibit 1). The liner will be installed 4.5-feet below ground surface or current excavation depth; whichever is greater. Furthermore, the liner will be placed under existing flowlines to maintain liner integrity during pipeline maintenance. Exhibit 2 shows the excavation depths.

Incident ID: nAPP2202947197

DeSoto Springs 600 ft NE

AEP#: 20220124-2200-water

The liner will be installed at the following bases*:

Note: Grid IDs are noted with G-##. Confirmation sample locations correlate with the grid IDs and are represented as CB-##.

• G-04 (CB-04)	• G-10 (CB-10)
• G-05 (CB-05)	• G-12 (CB-12)
• G-06 (CB-06)	• G-13 (CB-13)
• G-07 (CB-07)	• G-16 (CB-16)
• G-08 (CB-08)	• G-19 (CB-19)
	• G-19.1 (CB-19.1)

* Please refer to the section “Deferral Requests” for partially lined base grids.

Table v1 shows base chloride concentrations for proposed liner areas. Soil samples were collected at the excavation bases and grab samples from a hand auger at specified depths below the base to evaluate the vertical extent of impacted soil. Hydrocarbons were only detected in base sample CB-13 at 4 ft; therefore, the base was excavated to a depth of 5-feet. At 5-foot hydrocarbons were not detected. Table v2 presents a summary of analytical at all sample locations.

The nearest water well to the release is mapped as MISC-405 on Plate 2 (reproduced from the Characterization and Sampling Plan) located 325-feet northwest of the release area. Well data obtained from the New Mexico Office of the State Engineer (OSE) identifies this well as CP-00857 POD 1 with a water bearing formation from 300 to 365-feet below ground surface. The well record does not contain a lithologic log, therefore we relied upon CP-01285 for lithology located 1-mile southwest of the release extent. The well records are located in Appendix A.

The lithologic log from CP-01285 shows 284-feet of caliche, clay, and rock overlying the saturated zone. Groundwater was first encountered at 285-feet below ground surface. The reported depth to water at 250-feet below ground surface suggests that the water is confined and is under artesian pressure resulting in 34-feet of pressure head. However, the well record states the well is unconfined.

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

Furthermore, numerous underground pipelines exist throughout the area. Excavating around the

¹ See Appendix B for liner specifications

07/01/2022

Incident ID: nAPP2202947197
DeSoto Springs 600 ft NE
AEP#: 20220124-2200-water

pressurized flowlines to meet Closure Criteria presents a great risk to human health and the environment. Therefore, preventing vertical migration of chloride impacted soils and reducing risk to human health by the installation of a liner will provide equal or better protection to fresh water, public health, and the environment

We look forward to NMOCD's response.

Sincerely,
Ameredev II, LLC



Andrew Parker
Env. Scientist

07/01/2022

Released to Imaging: 9/7/2022 10:19:24 AM



RE: [EXTERNAL] FW: Variance Request for Incident nAPP2202947197

Andrew Parker <aparker@ameredev.com>

Fri 7/1/2022 12:46 PM

To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>

Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Laura Parker <lparker@ameredev.com>

Ms. Nobui,

Thank you very much!

Andrew Parker
Environmental Scientist
970-570-9535



From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Friday, July 1, 2022 1:44 PM
To: Andrew Parker <aparker@ameredev.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Laura Parker <lparker@ameredev.com>
Subject: RE: [EXTERNAL] FW: Variance Request for Incident nAPP2202947197

Hello Andrew

Your request for a Variance to install a liner for case nAPP2202947197 has been reviewed and approved by OCD. Please include all correspondence with OCD in your closure report.

Thanks
Jennifer Nobui

From: Andrew Parker <aparker@ameredev.com>
Sent: Friday, July 1, 2022 12:21 PM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Laura Parker <lparker@ameredev.com>
Subject: RE: [EXTERNAL] FW: Variance Request for Incident nAPP2202947197

Ms. Nobui,

Per below correspondence, attached is the revised variance request for liner only. The retracted deferral request will be included in the remediation and closure plan. All correspondence relating to the variance request will be included in the remediation and closure reports.

Best Regards,

Andrew Parker
Environmental Scientist
970-570-9535



From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Friday, July 1, 2022 12:12 PM
To: Andrew Parker <aparker@ameredev.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Laura Parker <lparker@ameredev.com>
Subject: RE: [EXTERNAL] FW: Variance Request for Incident nAPP2202947197

Hello Andrew

Yes, please revise the request to only reflect the liner request. Please ensure the variance request must show equal or better protection, contaminants under the proposed liner must be fully delineated, and it must be clear where the liner is being placed.

Thanks
Jennifer Nobui

From: Andrew Parker <aparker@ameredev.com>
Sent: Friday, July 1, 2022 10:42 AM
To: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Laura Parker <lparker@ameredev.com>
Subject: RE: [EXTERNAL] FW: Variance Request for Incident nAPP2202947197

Ms. Nobui,

We plan to install the liner immediately after NMOCD approval of the variance liner request.

In regards to the variance, per the "Procedures for Implementation of the Spill Rule (19.15.29 NMAC)", part V.c

Variance requests are to be submitted to the appropriate district office, not to Santa Fe. However, OCD district staff should consider consulting the Environmental Bureau in Santa Fe regarding approval or denial of any variance as we strive toward consistency across the state. If a responsible party does not agree with the denial of a variance request, the party can file for a hearing in accordance with 19.15.29.14(D) NMAC.

Per the above procedure, variances are to be submitted to district offices, which implies email. The C-141 deferral request will be included in the closure report. If needed, we can retract the deferral and limit the subject request for liner variance only and submit a C-141 revised remediation plan for the deferral.

Please let me know how NMOCD would like to proceed.

Andrew Parker
Environmental Scientist
970-570-9535



From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>
Sent: Friday, July 1, 2022 11:08 AM

To: Andrew Parker <aparker@ameredev.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: FW: [EXTERNAL] FW: Variance Request for Incident nAPP2202947197

Hello Andrew

Please submit this Variance and Deferral Request into the OCD portal with a complete report including a signed and dated C141 form. When are you planning to install the liner and backfill? If safety is a primary concern, please email me directly when you have uploaded the request in the portal so I can look for it and grab it.

Thanks
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Sent: Friday, July 1, 2022 8:35 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@state.nm.us>; Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Subject: Fw: [EXTERNAL] FW: Variance Request for Incident nAPP2202947197

From: Andrew Parker <aparker@ameredev.com>
Sent: Friday, July 1, 2022 8:30 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Laura Parker <lparker@ameredev.com>; Dayeed Khan <dkhan@ameredev.com>
Subject: [EXTERNAL] FW: Variance Request for Incident nAPP2202947197

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

NMOCD,

Checking on review of the liner variance request. Ameredev has an open excavation from remedial actions that we would like to backfill for safety to human health and the environment.

We look forward to your response.

Andrew Parker
Environmental Scientist
970-570-9535



From: Andrew Parker
Sent: Wednesday, June 15, 2022 12:48 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Subject: Variance Request for Incident nAPP2202947197

NMOCD,

Ameredev respectfully asks NMOCD for a variance to 19.15.29 NMAC as outlined in the attached document.

Incident #: nAPP2202947197
Location: 600 ft NE DeSoto Springs
AEP #: 20220124-2200-water

Regards,

Andrew Parker
Environmental Scientist
970-570-9535



From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Tuesday, May 3, 2022 12:08 PM
To: Andrew Parker <aparker@ameredev.com>
Subject: RE: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

Andrew,

You may already be aware, but Chad has left the OCD. I would want to see the complete delineation before making a determination on the liner. It is unlikely that it would not be approved, but can't really make that determination without evaluating what is being left in place.

Thanks,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
811S. First St. | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Andrew Parker <aparker@ameredev.com>
Sent: Thursday, April 28, 2022 11:50 AM
To: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: RE: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

Mr. Hensley,

As discussed in the approved remediation plan, there is a water well 325-feet to the northeast of the release, causing remediation to meet the most stringent Closure Criteria per Table 1 of 19.15.29 NMAC. The location of

the water well is circled red in the below two screenshots. Would NMOCD consider approval of a liner variance request given that:

- Preliminary field testing indicates chloride is approximately 3,000 mg/kg at 5-feet. The upper 4.5 feet of impacted material will be excavated and hauled to an approved disposal facility.
- The distance to the identified water well is 325-feet with a water bearing formation from 300 to 365-feet below ground surface.
- Vertical delineation of the release has been determined.
- Liner will be placed approximately 4.5-feet below ground surface.
- As shown in the second screenshot, numerous buried pipelines (purple and black polylines) exist throughout the release area at approximately 5 to 6 feet below ground surface. The green polylines are overhead power lines. A properly installed liner at 4.5 feet below ground surface will be protective of human health and the environment.

If NMOCD is open to considering a liner, Ameredev will move forward with the variance request.

Furthermore, during closure Ameredev will be asking to defer a 20-foot radius around utility poles as shown in the first screenshot. De-energizing the utility lines and temporary removing the power poles would be a major facility deconstruction and cause a major disruption to oil and gas operations throughout the area.





Please contact me with any questions.

Regards,

Andrew Parker
Environmental Scientist
970-570-9535



From: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Sent: Wednesday, March 16, 2022 3:13 PM
To: Andrew Parker <aparker@amereDEV.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Shane McNeely <smcneely@amereDEV.com>; Floyd Hammond <fhammond@amereDEV.com>
Subject: RE: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

Mr. Parker,

OCD approves the below conditions outlined in the previous e-mail.

- Sampling grid you have provided is approved.
- Closure criteria of <50ft.

NOTE: The OCD requires a copy of all correspondence relative to remedial projects be included in all proposal and/or final closure reports. Correspondence required to be included in reports may include, but not necessarily limited to, extension requests, liner inspection notifications, sample event notifications, spill/release/fire notifications, and variance requests. This will allow for notifications and requests to become a documented part of the incident file.

Cheers,

Chad Hensley • Environmental Science & Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
811 First St. | Artesia, NM 88210
Office: 575.748.1283 | Cell: 575-703-1723
chad.hensley@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Andrew Parker <aparker@ameredev.com>
Sent: Wednesday, March 16, 2022 2:03 PM
To: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Shane McNeely <smcneely@ameredev.com>; Floyd Hammond <fhammond@ameredev.com>
Subject: RE: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

Mr. Hensley,

Ameredev Operating respectfully asks NMOCD for approval of the proposed confirmation sampling grid to not exceed 500 sq. ft. The attached map presents the sampling grid layout. Sidewall samples will not exceed 200 sq. ft. Ameredev plans on beginning remediation within the next two weeks. There is a stock water well within 500-feet of the release extent. Therefore, closure criteria will adhere to the most stringent concentrations listed in Table 1 of 19.15.29 NMAC where soils in the upper 4-feet have a chloride concentration of less than 600 mg/kg, a TPH concentration of no more than 100 mg/kg, a total BTEX concentration of no more than 50 mg/kg, and a benzene concentration of no more than 10 mg/kg.

Furthermore, I am in receipt of your follow-up email asking for all correspondence be included in forthcoming reports. All correspondence will be included in the reports.

Please advise if this email is sufficient for the above approval request or if Ameredev needs to submit via the online portal.

Thank you.

Andrew Parker
Environmental Scientist
970-570-9535



From: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Sent: Friday, March 11, 2022 11:35 AM
To: Andrew Parker <AParker@advanceenergypartners.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: RE: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good morning Mr. Parker.

Request for confirmation composite samples to exceed 500 sq/ft is denied. The OCD will accept floor and sidewall confirmation composite samples not exceeding 500sq/ft.

Cheers,

Chad Hensley • Environmental Science & Specialist
 Environmental Bureau
 EMNRD - Oil Conservation Division
 811 First St. | Artesia, NM 88210
 Office: 575.748.1283 | Cell: 575-703-1723
chad.hensley@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Friday, March 11, 2022 11:15 AM
To: Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>
Subject: FW: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

From: Andrew Parker <aparker@ameredev.com>
Sent: Wednesday, March 2, 2022 4:54 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: [EXTERNAL] RE: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

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

Mr. Bratcher,

Per our phone conversation, I canceled the characterization soil sampling for the above referenced release in consideration of safety for human health and the environment due the presence of buried pipelines. Obtaining soil samples at depth is not recommended without first exposing the pipelines via hydrovac. Therefore, the

current plan is to begin remediation by hydrovacating around the buried pipelines then begin excavating within the next 10-days. The attached maps show the location of the buried pipelines.

For confirmation sampling, we propose a confirmation sampling grid larger than 200 sq ft as shown on the attached map titled 'Proposed Confirmation Sampling Grid.pdf'. Please let me know the best way to proceed obtaining approval for the proposed confirmation sampling grid. Options include, but not limited to:

1. This email
2. Notification of proposed sampling grid via NMOCD online?
3. Characterization and remediation plan via NMOCD online?

Supporting Information:

The nearest water well to the release is mapped as MISC-405 on Plate 2 located 325-feet northwest of the release area. Well data obtained from the New Mexico Office of the State Engineer (OSE) identifies this well as CP-00857 POD 1 with a water bearing formation from 300 to 365-feet below ground surface. We acknowledge that the nearby water well triggers cleanup levels to be 600 mg/kg chloride from surface to 4-feet and below.

Furthermore, we performed an EM survey for characterization. The attached maps and description below is reproduced from the draft characterization plan discussing the EM survey.

Interpretation notes:

- *Metal objects such as production equipment, pipelines, and fences will have an influence on the electrical conductivity readings. The user of the EMI survey needs to be aware of false high and low electrical conductivity readings caused metal objects.*

Plate 10 shows the metal susceptibility (interference) readings. Yellow and gray shading identifies areas with greatest metal susceptibility. Dark blue shading identifies areas not influenced by metal. The following areas shows metal susceptibility:

- *Around electrical boxes, pumps, and oil field equipment (production equipment).*
- *Around fences at the west central and southern edges of the survey area.*

Plate 11 shows EC_a in the upper 2-feet of the soil column. Discounting areas of metal interface and correlating EC_a to chloride concentrations

- *Darker green shading represents background concentrations where $EC_a < 0.2$ mS/cm (chloride < 600 mg/kg)*
- *Yellow shading represents concentrations where EC_a is approximately 3.0 mS/cm (chloride 3,851 mg/kg)*
- *Red shading represents concentrations where EC_a is approximately 6.0 mS/cm (chloride 7,721 mg/kg)*

Throughout the release extent and in the upper 2-feet, chloride concentrations are anticipated to exceed 19.15.29 NMAC Closure Criteria for areas not in-use for oil and gas operations (not on an active production pad). Closure Criteria for areas not in-use in the upper 4-feet is <600 mg/kg chloride. Remediation will be required, at a minimum, in the upper 2-feet or until the most stringent Closure Criteria is met for Chloride, TPH, and BTEX.

Plate 12 shows EC_a from approximately 2 to 4 feet below ground surface (bgs). Chloride concentrations between 3,851 and 7,721 mg/kg is likely limited to the southern 1/3 of the release extent and around the source area. Remediation is likely to extend below 4-feet to meet the most stringent Closure Criteria.

Thank you,

Andrew Parker
Environmental Scientist
970-570-9535



From: Andrew Parker
Sent: Saturday, January 29, 2022 1:20 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>
Cc: Dayeed Khan <dkhan@ameredev.com>; Shane McNeely <smcneely@ameredev.com>
Subject: C-141 Release Notification nAPP2202947197 DeSoto Springs 20220124-2200-water

OCD,

Attached is the C-141 Release Notification for Incident # nAPP2202947197 DeSoto Springs 20220124-2200-water. The electronic confirmation of reporting is referenced in the below email. Included in the attached is the volume calculation and a copy of the 24 hour major release notice.

Andrew Parker
Environmental Scientist
970-570-9535



From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Saturday, January 29, 2022 1:07 PM
To: Andrew Parker <AParker@ameredev.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 76684

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#) nAPP2202947197, 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 nAPP2202947197, 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

Certificates of Analysis



Ameredev II, LLC



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

May 25, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: DESOTO

Enclosed are the results of analyses for samples received by the laboratory on 05/19/22 9:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 01 1-2' (H222130-01)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 01 2-4' (H222130-02)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 01N 0-2' (H222130-03)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 1.1 1-2' (H222130-04)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 1.1NW 0-2' (H222130-05)

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	05/21/2022	ND	2.05	103	2.00	7.18		
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/23/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 02 1-2' (H222130-06)

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	05/21/2022	ND	2.05	103	2.00	7.18		
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	05/23/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 02 2-4' (H222130-07)

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	05/21/2022	ND	2.05	103	2.00	7.18		
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1890	16.0	05/23/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 95.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 02 4.5' (H222130-08)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.4 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 02 5.5' (H222130-09)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 02W 0-2' (H222130-10)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 03 1-2' (H222130-11)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	202	101	200	1.57	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	193	96.4	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 03 2-4' (H222130-12)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/23/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 03 4.5' (H222130-13)

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	05/21/2022	ND	2.05	103	2.00	7.18		
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	05/23/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38		
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548		
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 03S 0-2' (H222130-14)

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	05/21/2022	ND	2.05	103	2.00	7.18		
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/23/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38		
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548		
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND						

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 04 4' (H222130-15)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/23/2022	ND	432	108	400	0.00	QR-03

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 04 5' (H222130-16)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 04 6' (H222130-17)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 04 7' (H222130-18)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 04S 0-2' (H222130-19)

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	05/21/2022	ND	2.05	103	2.00	7.18	
Toluene*	<0.050	0.050	05/21/2022	ND	2.03	101	2.00	0.170	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.00	100	2.00	1.46	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.06	101	6.00	2.35	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 05 4' (H222130-20)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.15	108	2.00	0.957	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.20	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.09	104	2.00	1.31	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.50	108	6.00	1.87	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 05 5' (H222130-21)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 05 6' (H222130-22)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/20/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/20/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 06 4' (H222130-23)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 06 5' (H222130-24)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 06 6' (H222130-25)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915		
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	05/23/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38		
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548		
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND						

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 06 7' (H222130-26)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915		
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	05/23/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38		
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548		
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 07 4' (H222130-27)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 07 5' (H222130-28)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 07 6' (H222130-29)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 08 4' (H222130-30)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 08 5' (H222130-31)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	200	100	200	6.38	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	201	100	200	0.548	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 08 6' (H222130-32)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 08N 0-2' (H222130-33)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915		
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/23/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71		
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76		
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND						

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.3 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 08.1 1.5-2' (H222130-34)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/23/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.6 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 08.2 3-4' (H222130-35)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 09 9' (H222130-36)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.2 % 59.5-142

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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 09 10' (H222130-37)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 09.1 3-4' (H222130-38)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 77.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 09.2 1.5-2' (H222130-39)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 09.2N 0-2' (H222130-40)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.16	108	2.00	0.915	
Toluene*	<0.050	0.050	05/21/2022	ND	2.12	106	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.914	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.41	107	6.00	1.67	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 79.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 9.3 3-4' (H222130-41)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 9.3 4.5' (H222130-42)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.7 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 10 4' (H222130-43)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1740	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 10 5' (H222130-44)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 10 6' (H222130-45)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 10 7' (H222130-46)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 74.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 11 4' (H222130-47)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 80.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.3 % 59.5-142

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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 12 4' (H222130-48)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.4 % 59.5-142

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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 12 5' (H222130-49)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 12 6' (H222130-50)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	12.9	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 67.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 13 4' (H222130-51)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/21/2022	ND	206	103	200	2.71	
DRO >C10-C28*	162	10.0	05/21/2022	ND	207	103	200	2.76	
EXT DRO >C28-C36	23.8	10.0	05/21/2022	ND					

Surrogate: 1-Chlorooctane 83.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.5 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 13 5' (H222130-52)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77		
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62		
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81		
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77		
Total BTEX	<0.300	0.300	05/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	QM-07	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.5 % 59.5-142

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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/17/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 13 6' (H222130-53)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 96.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 13 7' (H222130-54)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 13.1 4' (H222130-55)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 13.1W 0-2' (H222130-56)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77		
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62		
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81		
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77		
Total BTEX	<0.300	0.300	05/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 88.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 14 0-2' (H222130-57)

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77		
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62		
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81		
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77		
Total BTEX	<0.300	0.300	05/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 14 2-4' (H222130-58)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 95.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 14S 0-2' (H222130-59)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 15 0-2' (H222130-60)

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2022	ND	2.18	109	2.00	1.77	
Toluene*	<0.050	0.050	05/22/2022	ND	2.13	107	2.00	2.62	
Ethylbenzene*	<0.050	0.050	05/22/2022	ND	2.08	104	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/22/2022	ND	6.46	108	6.00	1.77	
Total BTEX	<0.300	0.300	05/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.1 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 15 2-4' (H222130-61)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 15 4.5' (H222130-62)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.2 % 59.5-142

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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 15 5.5' (H222130-63)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4		
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 91.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 15 6.5' (H222130-64)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4		
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 97.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 16 4' (H222130-65)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 16 5' (H222130-66)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 93.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 16 6' (H222130-67)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 16 7' (H222130-68)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 16 8' (H222130-69)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 17 4' (H222130-70)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 17NE 0-2' (H222130-71)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	210	105	200	1.15	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	202	101	200	1.27	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 18 0-2' (H222130-72)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 18 2-4' (H222130-73)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 75.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 18 4.5' (H222130-74)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3720	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 18 5.5' (H222130-75)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4		
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	05/23/2022	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 80.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 18 6.5' (H222130-76)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.3 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 18 7.5' (H222130-77)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 18NE 0-2' (H222130-78)

BTEX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4		
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 78.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19 4' (H222130-79)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19 5' (H222130-80)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	1.95	97.3	2.00	11.4	
Toluene*	<0.050	0.050	05/21/2022	ND	1.92	96.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	1.82	91.0	2.00	11.4	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	5.69	94.8	6.00	9.96	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.2 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19 6' (H222130-81)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65	
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 78.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.2 % 59.5-142

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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19 7' (H222130-82)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65	
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.5 % 59.5-142

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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19.1 4' (H222130-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65	
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.5 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19.1 5' (H222130-84)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2022	ND	2.05	103	2.00	1.65	
Toluene*	<0.050	0.050	05/23/2022	ND	2.14	107	2.00	2.95	
Ethylbenzene*	<0.050	0.050	05/23/2022	ND	2.06	103	2.00	0.577	
Total Xylenes*	<0.150	0.150	05/23/2022	ND	6.19	103	6.00	0.197	
Total BTEX	<0.300	0.300	05/23/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 75.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19.1 6' (H222130-85)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65	
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.8 % 59.5-142

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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:	05/19/2022	Sampling Date:	05/18/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19.2 1.5-2' (H222130-86)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65	
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 19.2E 0-2' (H222130-87)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65		
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 80.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 20 0-2' (H222130-88)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65		
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.2	200	2.46		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	201	101	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 79.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 20 2-4' (H222130-89)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65		
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1700	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	180	89.9	200	4.29		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 79.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 20 4.5' (H222130-90)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65	
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95	
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577	
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197	
Total BTEX	<0.300	0.300	05/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.0	200	1.87	
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	180	89.9	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	05/19/2022	Sampling Date:	05/16/2022
Reported:	05/25/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124-2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: CB - 20SE 0-2' (H222130-91)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/21/2022	ND	2.05	103	2.00	1.65		
Toluene*	<0.050	0.050	05/21/2022	ND	2.14	107	2.00	2.95		
Ethylbenzene*	<0.050	0.050	05/21/2022	ND	2.06	103	2.00	0.577		
Total Xylenes*	<0.150	0.150	05/21/2022	ND	6.19	103	6.00	0.197		
Total BTEX	<0.300	0.300	05/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2022	ND	186	93.0	200	1.87		
DRO >C10-C28*	<10.0	10.0	05/23/2022	ND	180	89.9	200	4.29		
EXT DRO >C28-C36	<10.0	10.0	05/23/2022	ND						

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.7 % 59.5-142

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD.
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: <u>Amedev</u> Project Manager: <u>Andrew Parker</u>		P.O. #: <u>20220124-2000-watkr</u> Company:	
Address:		Attn:	
City:		Address:	
State:		City:	
Zip:		State:	
Project #:		Zip:	
Project Name: <u>20220124-2000-watkr</u>		Phone #:	
Project Location: <u>Desota</u>		Fax #:	
Sampler Name: <u>Shelb SAEH2</u>		MATRIX:	
FOR LAB USE ONLY		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	
Lab I.D.		PRESERV:	
Sample I.D.		ACID/BASE: ICE / COOL OTHER:	
H2220130		DATE	
CB-01		TIME	
1-2FT		X Chloride	
2-4FT		X TPH (GRO + DRO + MRO)	
CB-01N		X Benzene, BTEX	
0-2FT		✓	
CB-1.1		✓	
1-2FT		✓	
CB-1.1NW		✓	
0-2FT		✓	
CB-02		✓	
2-4FT		✓	
CB-02		✓	
4.5FT		✓	
CB-02		✓	
5.5FT		✓	
CB-02W		✓	
0-2FT		✓	

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Relinquished By: Shelb SAEH2 Date: 5-19-22 Received By: Shelb SAEH2
 Date: 08-24

Delivered By: (Circle One) Observed Temp. °C: 5.6°C Sample Condition: Cool Intact Yes No
 Corrected Temp. °C: 5.1°C CHECKED BY: SR
 Thermometer ID #113 Standard Bacteria (only) Cool Intact Yes No
 Correction Factor -0.5°C Corrected Temp. °C: 5.1°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: Amerishv P.O. #: 20220124-2200-Water

Project Manager: Andrew Parker Company: _____

Address: _____ Attn: _____

City: _____ State: _____ Zip: _____ Address: _____

Phone #: _____ Fax #: _____ City: _____ State: _____ Zip: _____

Project #: _____ Project Owner: _____

Project Name: 20220124-2200-Water Phone #: _____ Fax #: _____

Project Location: Desoto

Sampler Name: SAEN2

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
11	CB-03	1-2FT	1			X				5/17/2022	9:15am	Chloride
12	CB-03	2-4FT	1			X				5/17/2022	9:30am	TPH (Grot + PAO + MFC)
13	CB-03	4.5FT	1			X				5/16/2022	8:22am	Benzene, BTEX
14	CB-03S	0-2FT	1			X				5/17/2022	9:35am	
15	CB-04	4FT	1			X				5/17/2022	9:30am	
16	CB-04	5FT	1			X				5/17/2022	9:35am	
17	CB-04	6FT	1			X				5/17/2022	9:40am	
18	CB-04	7FT	1			X				5/16/2022	8:40am	
19	CB-04S	0-2FT	1			X				5/17/2022	9:30am	
20	CB-05	4FT	1			X				5/17/2022	9:30am	

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Relinquished By: SAEN2 Date: 5-19-22 Received By: Spedding

Relinquished By: SAEN2 Date: 05/14 Received By: _____

Observed Temp. °C: 5.10°C Sample Condition: Intact Intact

Corrected Temp. °C: 5.10 Yes No

Checked By: [Signature] (Initials)

Turnaround Time: _____ Standard Bacteria (only) Sample Condition

Thermometer ID #113 Cool Intact Cool Intact

Correction Factor -0.5°C Yes No No No

Corrected Temp. °C: _____

Remarks: _____

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

All Results are emailed. Please provide Email address: _____

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



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: <i>Anheuser</i> Project Manager: <i>Andrew Parker</i>		P.O. #: <i>20220124-2800-Work</i> Company:	
Address: City: State: Zip:		Attn: Address: City: State: Zip:	
Phone #: Fax #: Project Owner:		Phone #: Fax #:	
Project Name: <i>20220124-2800-Work</i>		State: Zip:	
Project Location: <i>Dosado</i>		Phone #: Fax #:	
Sampler Name: <i>SHARON SAMINZ</i>		Matrix:	
FOR LAB USE ONLY		PRESERV:	
Lab I.D. Sample I.D.		SAMPLING:	
<i>H222130</i> CB-08 SPT CB-08 GPT CB-08 N 0-2FT CB-08.1 1.5-2FT CB-08.2 3-4FT CB-09 9FT CB-09 10FT CB-09.1 3-4FT CB-09.2 1.5-2FT CB-09.2N 0-2FT		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
DATE TIME		DATE TIME	
<i>5/17/2022 11:30am</i> <i>5/17/2022 11:30am</i> <i>5/17/2022 11:30am</i> <i>5/17/2022 11:50am</i> <i>5/17/2022 11:55am</i> <i>5/17/2022 12:10pm</i> <i>5/17/2022 12:15pm</i> <i>5/17/2022 4:30am</i>		<i>X chloride</i> <i>X TIT (GRO/PRO/MAO)</i> <i>X Benzene, BTEX</i>	
PLEASE NOTE: Liability and Damages. Cardmark'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: <i>SHAD</i> Date: <i>5/19/22</i> Time: <i>0954</i>		Received By: <i>Speckleberry</i> Date: <i>5/19/22</i> Time: <i>0954</i>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <i>5.10</i> Corrected Temp. °C: <i>5.10</i>	
Sample Condition: Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>[Signature]</i>	
Turnaround Time:		Standard: <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C:	
REMARKS:			
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
All Results are emailed. Please provide Email address:			

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: *Avercher* P.O. #: *3030124-2200 water*
 Project Manager: *Andrew Fisher* Company: _____
 Address: _____ Attn: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: *20220124-2200 water* State: _____ Zip: _____
 Project Location: *Desha* Phone #: _____
 Sampler Name: *Shob SHENZ* Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<i>H22130</i>	<i>CB-9.3</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>12:30pm</i>	<i>chloride</i>
<i>41</i>	<i>CB-9.5</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>12:45pm</i>	<i>TPHC (NOT MAO-PRO)</i>
<i>43</i>	<i>CB-10</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>12:50pm</i>	<i>Benzene, BTEX</i>
<i>44</i>	<i>CB-10</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>1pm</i>	
<i>45</i>	<i>CB-10</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>1:10pm</i>	
<i>46</i>	<i>CB-10</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>1:15pm</i>	
<i>47</i>	<i>CB-11</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>1:25pm</i>	
<i>48</i>	<i>CB-12</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>1:30pm</i>	
<i>49</i>	<i>CB-12</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>1:30pm</i>	
<i>50</i>	<i>CB-12</i>	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				<i>5/17/2024</i>	<i>1:40pm</i>	

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Relinquished By: _____ Date: *5-17-24*
 Time: *8:54*
 Received By: *Speedigney*
 Date: _____ Time: _____
 Received By: _____

Delivered By: (Circle One) Observed Temp. °C: *5.60* Sample Condition: Cool Intact
 Corrected Temp. °C: *5.10* Yes No
 Checked By: *[Signature]*
 Turnaround Time: _____ Standard: RUSH
 Thermometer ID #113 Bacteria (only) Cool Intact
 Correction Factor -0.5°C Yes No
 Observed Temp. °C: _____ Corrected Temp. °C: _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: *Amelzeb* P.O. #: *2020124-2360 w/h/1*
 Project Manager: *Andrew Pinkf* Company:
 Address: Attn:
 City: State: Zip: Address: City: State: Zip:
 Project #: Project Owner:
 Project Name: *2020124-2360- water* State: Zip:
 Project Location: *Desado* Phone #: Fax #:
 Sample Name: *5A006 SAENV2* Fax #:
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	RESULTS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL			
<i>10202150</i>														
<i>501</i>	<i>CB-13</i>										<i>5/17/2022</i>	<i>1:45pm</i>	<i>X</i>	<i>Chloride</i>
<i>502</i>	<i>CB-13</i>										<i>5/17/2022</i>	<i>1:50pm</i>	<i>X</i>	<i>TPH (C6H10+DRG+ARO)</i>
<i>503</i>	<i>CB-13</i>										<i>5/17/2022</i>	<i>2pm</i>	<i>X</i>	<i>Benzene, BTEX</i>
<i>504</i>	<i>CB-13</i>										<i>5/18/2022</i>	<i>6:10m</i>		
<i>505</i>	<i>CB-13.1</i>										<i>5/18/2022</i>	<i>4:30pm</i>		
<i>506</i>	<i>CB-13.1 W</i>										<i>5/18/2022</i>	<i>6:15pm</i>		
<i>507</i>	<i>CB-14</i>										<i>5/18/2022</i>	<i>8:30m</i>		
<i>508</i>	<i>CB-14</i>										<i>5/18/2022</i>	<i>9:40am</i>		
<i>509</i>	<i>CB-14S</i>										<i>5/18/2022</i>	<i>6:35pm</i>		
<i>110</i>	<i>CB-15</i>										<i>5/18/2022</i>	<i>6:35pm</i>		

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Relinquished By: *SA003 SAENV2* Date: *5.18.22* Received By: *Speckington*
 Relinquished By: *SA003 SAENV2* Time: *0954* Received By: *Speckington*
 Date: _____ Time: _____
 Received By: _____

Delivered By: (Circle One) Observed Temp. °C: *5.10°C* Sample Condition: Intact Cool Intact Yes No
 Corrected Temp. °C: *5.10* Checked By: *SR* (Initials)
 Turnaround Time: _____ Standard Rush
 Thermometer ID #113 Bacteria (only) Sample Condition: Yes No Intact Observed Temp. °C: _____
 Correction Factor -0.5°C Corrected Temp. °C: _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Amerider</i> Project Manager: <i>Andre Parker</i> Address: City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <i>20220124-200 water</i> Project Location: <i>Desoto</i> Sampler Name: <i>SACOB SACR2</i> <small>FOR LAB USE ONLY</small>		BILL TO P.O. #: <i>20220124-200 water</i> Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____						
Lab I.D. <i>2022130</i> 01 02 03 04 05 06 07 08 09 10	Sample I.D. CB-15 CB-15 CB-15 CB-15 CB-16 CB-16 CB-16 CB-16 CB-16 CB-16 CB-17	2-4FT 4.5FT 5.5FT 6.5FT 4FT 5FT 6FT 7FT 8FT 4FT	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER MATRIX SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : PRESERV: SAMPLING	DATE TIME	5/16/22 8:30am 8:35am 8:40am 8:45am 8:50am 9am 9:10am 9:15am 9:20am 9:25am	X X X X X X X X X X	Chloride TPH (GRO + DROT + MNO) Benzene, BTEX	ANALYSIS REQUEST



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Amechev P.O. #: 20220124-2200-wrater
 Project Manager: April W. Parker Company: _____
 Address: _____ Attn: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: 20220124-2200-wrater State: _____ Zip: _____
 Project Location: D66070 Phone #: _____
 Sample Name: 5 K606 SREN2 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Analysis
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
4222130	CB-17 NE	✓	1			✓			5/16/2022	10:22	Chloride	
71	CB-18	✓	1			✓			5/16/2022	9:30	TPH (GREY DRUM)	
72	CB-18	✓	1			✓			5/16/2022	9:40	Benzene, BTEX	
73	CB-18	✓	1			✓			5/16/2022	9:45		
74	CB-18	✓	1			✓			5/16/2022	9:50		
75	CB-18	✓	1			✓			5/16/2022	10:20		
76	CB-18	✓	1			✓			5/16/2022	10:20		
77	CB-18	✓	1			✓			5/16/2022	12:15		
78	CB-18 NE	✓	1			✓			5/16/2022	12:30		
79	CB-19	✓	1			✓			5/16/2022	12:30		
80	CB-19	✓	1			✓			5/16/2022	12:30		

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Relinquished By: Shelob SREN2 Date: 5/19/22 Received By: Shedriguey
 Relinquished By: _____ Date: _____ Received By: _____

Delivered By: (Circle One) Observed Temp. °C: 5.02 Sample Condition: Cool Intact Yes No
 Corrected Temp. °C: 5.12 Checked By: [Signature] (Initials)
 Sample - UPS - Bus - Other: _____ Thermometer ID #113 Standard Bacteria (only) Cool Intact Yes No
 Correction Factor -0.5°C Turnaround Time: _____ Add'l Phone #: _____
 Corrected Temp. °C: _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: *Amerley* P.O. #: *20220124-2200 water*
 Project Manager: *Andy Parker* Company:
 Address: Attn:
 City: State: Zip: Address:
 Phone #: Fax #: City: State: Zip:
 Project #: Project Owner:
 Project Name: *20220124-2200-water* State: Zip:
 Project Location: *115dr* Phone #:
 Sampler Name: *SRUB SHEN2* Fax #:
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:			
<i>HA02130</i>	<i>CB-19</i>	<i>C</i>	<i>1</i>							<i>5/14/2012</i>	<i>10:15am</i>	<i>chloride</i>
<i>81</i>	<i>CB-19</i>										<i>10:20am</i>	
<i>82</i>	<i>CB-19.1</i>										<i>10:35am</i>	
<i>83</i>	<i>CB-19.1</i>										<i>10:30am</i>	
<i>84</i>	<i>CB-19.1</i>										<i>10:40am</i>	
<i>85</i>	<i>CB-19.1</i>										<i>10:50am</i>	
<i>86</i>	<i>CB-19.2</i>										<i>10:38am</i>	
<i>87</i>	<i>CB-19.2 E</i>										<i>11:20am</i>	
<i>88</i>	<i>CB-20</i>										<i>11:35am</i>	
<i>89</i>	<i>CB-20</i>										<i>11:35am</i>	
<i>90</i>	<i>CB-20</i>										<i>12pm</i>	

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Relinquished By: *5 ALOD SHEN2* Date: *5/19/12* Received By: *Shedrick*
 Relinquished By: Date: Received By:
 Date: Time: Received By:
 Date: Time: Received By:

Delivered By: (Circle One) Observed Temp. °C: *5.102* Sample Condition: Intact Cool Yes No
 Corrected Temp. °C: *5.10* Checked BY: *[Signature]*
 Sampler - UPS - Bus - Other: Corrected Temp. °C: *5.10* Checked BY: *[Signature]*
 Turnaround Time: Standard Bacteria (only)
 Thermometer ID #113 Cool Intact Observed Temp. °C: Yes No
 Correction Factor -0.5°C Corrected Temp. °C: Yes No

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

July 26, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: DESOTO

Enclosed are the results of analyses for samples received by the laboratory on 07/22/22 8:39.

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:	07/22/2022	Sampling Date:	07/21/2022
Reported:	07/26/2022	Sampling Type:	Soil
Project Name:	DESOTO	Sampling Condition:	Cool & Intact
Project Number:	20220124- 2200 - WATER	Sample Received By:	Shalyn Rodriguez
Project Location:	NONE GIVEN		

Sample ID: BACKFILL 01 DESOTO (H223211-01)

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	07/26/2022	ND	2.14	107	2.00	3.92		
Toluene*	<0.050	0.050	07/26/2022	ND	2.22	111	2.00	4.16		
Ethylbenzene*	<0.050	0.050	07/26/2022	ND	2.27	113	2.00	4.03		
Total Xylenes*	<0.150	0.150	07/26/2022	ND	6.96	116	6.00	4.81		
Total BTEX	<0.300	0.300	07/26/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	224	16.0	07/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/25/2022	ND	211	106	200	0.618		
DRO >C10-C28*	<10.0	10.0	07/25/2022	ND	210	105	200	0.177		
EXT DRO >C28-C36	<10.0	10.0	07/25/2022	ND						

Surrogate: 1-Chlorooctane 80.0 % 43-149

Surrogate: 1-Chlorooctadecane 69.7 % 42.5-161

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: <u>Ameeder</u> Project Manager: <u>Andrew Parker</u> Address: <u>On File</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>20220124-2200-water</u> Project Location: <u>Desoto Riser</u> Sampler Name: <u>Jesus Palomares</u>		P.O. #: <u>20220124-2200-water</u> Company: <u>Ameeder</u> Attn: <u>aparker@ameeder.com</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. _____ Sample I.D. _____ HA03011 Backfill 01 Desoto		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER : _____ ACID/BASE: _____ ICE / COOL _____ OTHER : _____	PRESERV. _____ SAMPLING DATE _____ TIME _____ 07-21 3:32pm
Relinquished By: <u>Jim Palm</u> Date: <u>7-22-22</u> Time: <u>0839</u>		Received By: <u>Stefenquert</u> Date: _____ Time: _____ Received By: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <u>34°C</u> Corrected Temp. °C <u>28°C</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <u>SR</u> Turnaround Time: _____ Thermometer ID #113 Correction Factor <u>0.0°C</u>	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____		REMARKS: <u>TRIP BLANK TEMP: 5.8°C / C.O. 0.0°C</u> <u>5.2°C</u>	

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August 23, 2022

ANDREW PARKER

AMEREDEV

2901 VIA FORTUNA , SUITE 600

AUSTIN, TX 78746

RE: DESOTO SPRINGS 600 NE

Enclosed are the results of analyses for samples received by the laboratory on 08/18/22 16:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/18/2022	Sampling Date:	08/16/2022
Reported:	08/23/2022	Sampling Type:	Soil
Project Name:	DESOTO SPRINGS 600 NE	Sampling Condition:	Cool & Intact
Project Number:	20220612-0130-PRODOPS	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: DESOTO TOPSOIL 01 (H223798-01)

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	08/20/2022	ND	1.95	97.4	2.00	1.32		
Toluene*	<0.050	0.050	08/20/2022	ND	1.93	96.7	2.00	1.17		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.85	92.3	2.00	1.46		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.68	94.7	6.00	2.53		
Total BTEX	<0.300	0.300	08/20/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/22/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	202	101	200	4.19		
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	190	95.2	200	5.41		
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND						

Surrogate: 1-Chlorooctane 78.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.5 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

Company Name: Amerceder Project Manager: Andrew Parker Address: On-File City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: 20220612-0130-pretops Project Location: Desoto Springs 600 NE Sampler Name: Jesus Palomares		BILL TO P.O. #: 20220612-0130-pretops Company: Amerceder Attn: aparker@amerceder.com Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D.: H223798 Sample I.D.: Desoto Topsoil 01		(G)RAB OR (C)OMP: G # CONTAINERS: 1 MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL <input checked="" type="checkbox"/> OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL: <input checked="" type="checkbox"/> OTHER: _____	DATE: 08-16 TIME: 14:59 SAMPLING:
<p><small>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.</small></p>			
Relinquished By: <i>[Signature]</i> Date: 8-18-22 Time: _____ Received By: <i>[Signature]</i> Date: 8-18-22 Time: _____	Observed Temp. °C: 6.4 Corrected Temp. °C: 5.8 Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: <i>[Signature]</i>	Turnaround Time: _____ Standard: <input checked="" type="checkbox"/> Rush: <input type="checkbox"/> Bacteria (only): <input type="checkbox"/> Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C: _____	REMARKS: Trip Blank 2.4e Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____

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

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 1625 N. French Dr., Hobbs, NM 88240
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 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 138640

CONDITIONS

Operator: AMEREDEV OPERATING, LLC 2901 Via Fortuna Austin, TX 78746	OGRID: 372224
	Action Number: 138640
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Deferral Request Approved with Conditions. Once access becomes available, please complete vertical delineation at locations CB-13 and CB-18.	9/7/2022