



McNabb Partners, LLC
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April 4, 2024

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

RE: Characterization, Remediation and Closure Report
Incident ID: nAPP2403855479
Adobe State #005
Project ID: contango-reclaim-adobeState5

NMOCD:

McNabb Partners LLC submits this report on behalf of Contango Resources respectfully requesting closure for above incident. Site characterization and remediation activities included in this report. Reclamation activities are in accordance with a State Land Office approved Reclamation Plan.

The above referenced incident is related to areas of hydrocarbon impact identified within the footprint of the deconstructed lined tank battery at the Adobe State #005 location during site reclamation activities. Notification of Release was submitted and received by NMOCD on February 7, 2024. State Land office was notified of release February 7, 2024. Communications included in Appendix A.



Figure 1: View of tank battery footprint following deconstruction facing northwest from the southeast extent. Date Taken: 2023-12-27 13:52:05. GPS: 32.388770, -103.190065

Incident ID: nAPP2403855479

Adobe State #005

Project ID: contango-reclaim-adobeState5

1. Characterization

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

1.1. Site Map

The horizontal extent of the release area (area of interest - AOI) was initially determined by visual observations. Plate 1 Site Map shows the AOI relative to the Adobe State #005 tank battery footprint, well pad, sales riser (remains in place), pipelines, and utilities. The AOI is located at 32.3886890, -103.1901688 (Lat, Long; NAD83). The AOI covered an area of approximately 5709 sq. ft.

1.2. Depth to Ground Water

The nearest OSE depth to water data available is 190 ft bgs (CP-00628 dated 11/19/1980) located one mile northwest of the location, shown on Plate 2. The well log is located in Appendix B.

USGS data (USGS-15251) shows a well located 0.54 miles southeast of the area of interest. The well was gauged 2/15/1996 with a depth of 64.52 ft. bgs. No well log is available.

1.3. Wellhead Protection Area

Plate 3 shows that the release extent is:

- Not within incorporated municipal boundaries or within a defined municipal fresh water well field. Municipal supply wells for City of Eunice located 2.55 miles to the NE.
- Not within ½-mile of any documented water sources (wells and springs). The closest water well USGS-15251 (2/15/1996, 64.52 ft. bgs) is located 0.54 miles to the southeast. Location is confirmed with aerial imagery as an active stock tank.
- Not within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes.
- Not within 1000 feet of any other freshwater well or spring.

Incident ID: nAPP2403855479

Adobe State #005

Project ID: contango-reclaim-adobeState5

| Site Characterization | |
|---|---|
| What is the shallowest depth to groundwater (ft bgs) Plate 2 | 65 ft – 0.54 miles to SE |
| What measure was used to determine this? | USGS data |
| Did this release impact ground or surface water? | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| <ul style="list-style-type: none"> A continuously flowing watercourse or any other significant watercourse. Plate 4 | Intermittent Stream 1.82 miles to the NE; mapped lake/pond 1.42 mi to southeast dry depression. |
| <ul style="list-style-type: none"> Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark). Plate 4 | >1 mile |
| <ul style="list-style-type: none"> An occupied permanent residence, school, hospital, institution or church. Plate 5 | Ranch 1.29 miles NE of location |
| <ul style="list-style-type: none"> A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes. Plate 3 | >1/2 mi |
| <ul style="list-style-type: none"> Any other fresh water well or spring. Plate 3 | >1/2 mi |
| <ul style="list-style-type: none"> Incorporated municipal boundaries or a defined municipal fresh water well field. Plate 3 | 2.55 mi to NE |
| <ul style="list-style-type: none"> A wetland. Plate 6 | Pond located 1.95 NE of location |
| <ul style="list-style-type: none"> A subsurface mine. Plate 7 | >5 mi |
| <ul style="list-style-type: none"> A (non-karst) unstable area. | >5 mi |
| <ul style="list-style-type: none"> Categorize the risk of this well/site being in a karst geology. Plate 8 | Low |
| <ul style="list-style-type: none"> A 100-year floodplain. Plate 9 | 3.75 miles to NE |
| Did the release impact areas not on an exploration, development, production, or storage site? | No |

April 4, 2024

Page 3 of 10

1.4. Soil/Waste Characteristics

The USDA Natural Resources Conservation Service (NRCS) soil survey¹ describes the upper 5-feet of lithology as

SW portion of site:

Berino-Cacique loamy fine sands association, 0-3 percent slope

Berino and similar soils: 50 percent

- *A - 0 to 6 inches:* loamy fine sand
- *Btk - 6 to 60 inches:* sandy clay loam

Cacique and similar soils: 40 percent

- *A - 0 to 12 inches:* loamy fine sand
- *Bt - 12 to 28 inches:* sandy clay loam
- *Bkm - 28 to 38 inches:* cemented material

NE portion of site:

Ratliff-Wink fine sandy loams

Ratliff and similar soils: 45 percent, 0-3 percent slope

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

Wink and similar soils: 40 percent

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

The lithology as described by the NRCS is consistent with professional observations during hand auger borehole activities during characterization sampling.

Characterization soil sampling, completed January 31, 2024, demonstrated hydrocarbon impact. Characterization sample coordinates are included in Table A, sample point locations are shown in Plate 10 and summary of analytical included in Table B.

Closure Criteria for this location will meet the most stringent criteria as listed in Table 1 of 19.15.29 NMAC as if DTW is less than 50 ft. bgs. based on limited depth to water data.

| Limited DTW Data | Chloride (mg/kg) | GRO+DRO (mg/kg) | TPH Ext. (mg/kg) | Benzene (mg/kg) | BTEX (mg/kg) |
|------------------|---------------------|--------------------|------------------------|--------------------|-----------------|
| Not in Use | 600 | -- | 100 | 10 | 50 |

¹ NRCS Field Guide and the NRCS web survey tool (<https://websoilsurvey.nrcs.usda.gov/app/>)

Incident ID: nAPP2403855479

Adobe State #005

Project ID: contango-reclaim-adobeState5

2. Remediation & Reclamation Activities

Request for sample grid size of 400 sq ft was requested but denied (communication in Appendix A). The AOI was divided into sample grids of not more than 200 sq ft. A soil sample was collected from each grid base and walls around the perimeter of the release extent for laboratory analysis of chloride, TPH, Benzene, and BTEX.

Excavation of the AOI began on February 12, 2024. Initial sampling of excavation extent was planned for February 13, 2024 but was delayed due to equipment availability/weather issues. Sampling commenced on February 16, 2024 (AOI excavated to depth of 3 ft bgs) with revision of sample event notification submitted to NMOCD. Base and wall samples that did not meet the closure criteria defined above, included base grid samples BS-04a, BS-05a, BS-06a, BS-06b, BS-07a, and BS-07b. These bases were further excavated to a depth of 4.5 ft bgs. Wall sample WS-05 also exceeded closure criteria. This wall excavation was extended an additional 1.5 ft to the south. Excavation was completed on March 6, 2024. The grids, including the addition of WS-05.1, were resampled on March 6 and March 19, 2024 (BG-12) with analytical confirmation that all walls and base grid sampling met defined closure criteria. Final sample event was on March 19, 2024 (Sample event documentation and email approving sample event date variance for March 19, 2024 included in Appendix A).

- Plate 11 shows the confirmation sample grid layout with square footage.
- Plate 12 shows the confirmation sample locations and final excavation extent.
- Table A shows the coordinates of the confirmation sample points.
- Table B shows the summary of analytical.

Approximately 580 cubic yards of excavated impacted material was hauled offsite to an approved facility for proper disposal.



*Figure 2:
View of final excavation extent
facing southwest from the
northeast extent.
Date Taken: 2024-03-06
12:10:40.
GPS: 32.388791, -103.190034.*

April 4, 2024

Page 5 of 10

Incident ID: nAPP2403855479

Adobe State #005

Project ID: contango-reclaim-adobeState5

| Remediation Plan | |
|---|---|
| Requesting a remediation plan approval with this submission? | Yes |
| Have the lateral and vertical extents of the contamination been fully delineated (<i>attach report demonstrating lateral and vertical extents</i>)? | Yes |
| Was this release entirely contained within a lined containment area? | No |
| Soil Contamination Sampling (Highest observable value for each in mg/kg) | |
| • Chloride | 416 |
| • TPH (DRO+GRO+MRO) | 9590 |
| • GRO+DRO | 7370 |
| • BTEX | <0.3 |
| • Benzene | <0.05 |
| On what estimated date will the remediation commence | 02/12/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 03/19/2024 |
| On what date will (or was) the remediation completed | 03/28/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 4181 (14,673 cu ft). Subset of pad reclamation. |
| What is the estimated volume (in cubic yards) that will be reclaimed | 580 cu yds |
| What is the estimated surface area (in square ft) that will be remediated | 4181 |
| What is the estimated volume (in cubic yards) that will be remediated | 580 cu yds |
| The remediation will (or is expected to) utilize the following processes to remediate/reduce contaminants: | |
| • Excavation and off-site disposal | Yes – Sundance Services, Inc |
| • Excavation and on-site disposal | No |
| • Soil Vapor Extraction (in Situ) | No |
| • Chemical processing (in Situ) | No |
| • Biological processing (in Situ) | No |
| • Physical processing (in Situ) | No |
| • Groundwater abatement | No |
| • Other (non-listed remedial process) | No |
| • Other non-listed remedial process. Please specify | No |

April 4, 2024

Page 6 of 10

Incident ID: nAPP2403855479

Adobe State #005

Project ID: contango-reclaim-adobeState5

| Remediation Closure Request | |
|--|---------------------------------------|
| Requesting a remediation closure approval with this submission? | Yes |
| Have the lateral and vertical extents of contamination been fully delineated? | Yes |
| Was this release entirely contained within a lined containment area? | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized? | NA |
| What was the total surface area (in sq ft) remediated? | 4181 |
| What was the total volume (cubic yards) remediated? | 580 cu yrds |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of 4 ft non waste containing material with concentration less than 600 mg/kg chloride? | Yes |
| What was the total surface area (in sq ft) reclaimed? | 4181 (subset of pad site reclamation) |
| What was the total volume (in cubic yards) reclaimed? | 580 |
| Summarize any addition remediation activities not included in answers above | Please refer to text |

Following dig/haul and disposal of impacted soils, unimpacted surface caliche was pushed up and stockpiled. The excavation area was further expanded (stockpiling nonimpacted material) to serve as encapsulation trench as described in the site reclamation plan approved by the State Land Office (Appendix D). (Figures 3 and 4).



Figure 3: View of stockpiled caliche facing southwest from the northern extent of site.
Date Taken: 2024-03-26 15:03:44. GPS: 32.3893943, -103.1902899

Incident ID: nAPP2403855479

Adobe State #005

Project ID: contango-reclaim-adobeState5



*Figure 4: View of excavation trench being expanded to encapsulate trench per SLO approved Reclamation Plan.
Date Taken: 2024-03-25 14:11:21. GPS: 32.388987, -103.190264*

Final reclamation began on March 21, 2024 and was completed on March 28, 2024. The remediated area and encapsulation trench were backfilled with 4 feet of clean soil, including at least one foot of clean topsoil. The area was graded, contoured, and restored to conditions consistent with the local topography consistent with 19.15.29.13 A-D NMAC and the SLO Reclamation plan (figures 5 and 6). Broadcast seeding occurred at completion of activities. Seed mix appropriate for sandy loam was used in reclamation.



*Figure 5: View of site following reclamation activities and reseeding facing southwest from the northeast extent.
Date Taken: 2024-03-28 14:12:53. GPS: 32.389269, -103.189979.*

Incident ID: nAPP2403855479

Adobe State #005

Project ID: contango-reclaim-adobeState5



*Figure 6: View of a portion of the reclaimed lease road, facing south.
Date Taken: 2024-03-28 14:04:14. GPS: 32.389722, -103.190400.*

1. Seed Mixture: Certified weed free NMSLO Sandy Loam Seed Mixture was used to provide site with desirable native vegetation.
2. Timing of seeding: March 28, 2024
3. Seed application technique: Broadcast seeding followed by dragging/chaining.
4. Erosion Control: The area is generally level so erosion control measures will include revegetation with contouring of the surface to limit opportunities for concentrated surface water flow.
5. Monitoring plan
 - a. The site will be monitored for vegetation growth to ensure that reclamation and reseeding activities were sufficient.
 - b. The site will be evaluated for soil stabilization, erosion, and invasive and noxious species.
 - c. Noxious and invasive weeds will be identified and treated or mechanically removed.
 - d. Inspections will occur annually until revegetation is consistent with local natural vegetation density with photo documentation.
 - e. When revegetation is completed, NMOCD and SLO will be notified for final inspection.

April 4, 2024

Page 9 of 10

Incident ID: nAPP2403855479

Adobe State #005

Project ID: contango-reclaim-adobeState5

| Reclamation Report | |
|---|---|
| Request a reclamation approval with this submission | Yes |
| What was the total reclamation surface area (in sq ft) for this site | 4181 |
| What was the total volume of replacement material (in cubic yards) for this site | 580 |
| Is the soils top layer complete and is it suitable material to establish vegetation | Yes |
| On what (estimated) date will or was reseeding commenced | 03/28/2024 |
| Summarize any additional reclamation activities not included by answers above | This reclamation occurred as a subset of the reclamation for the entire well pad following plugging and abandonment of well and per SLO approved reclamation plan (Appendix D). |

Please contact me with any questions.

Sincerely,



Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535

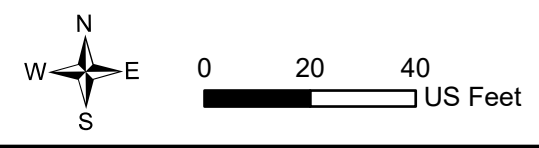
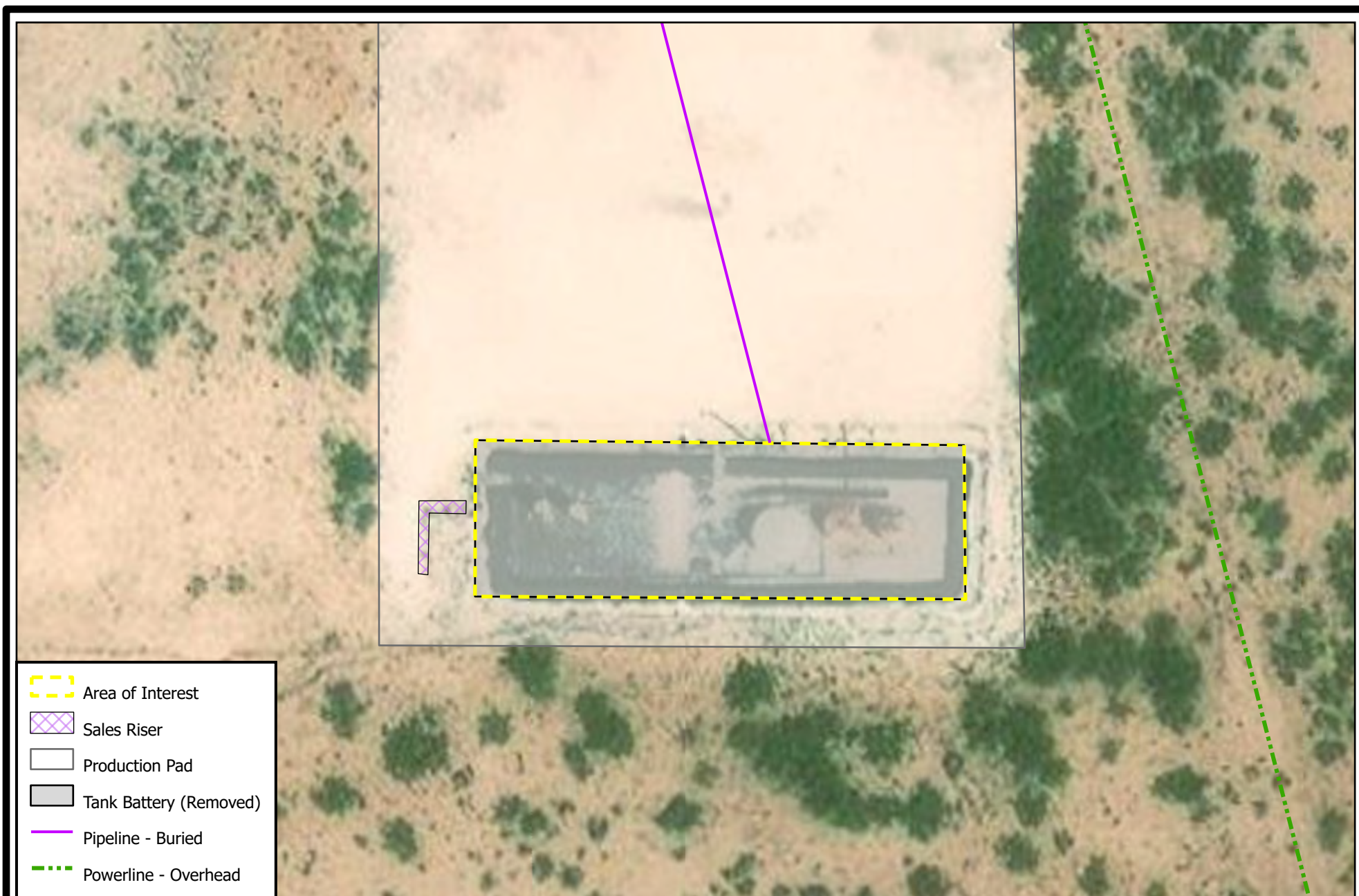
Copy: Chris Davis
State Land Office

April 4, 2024

Plates

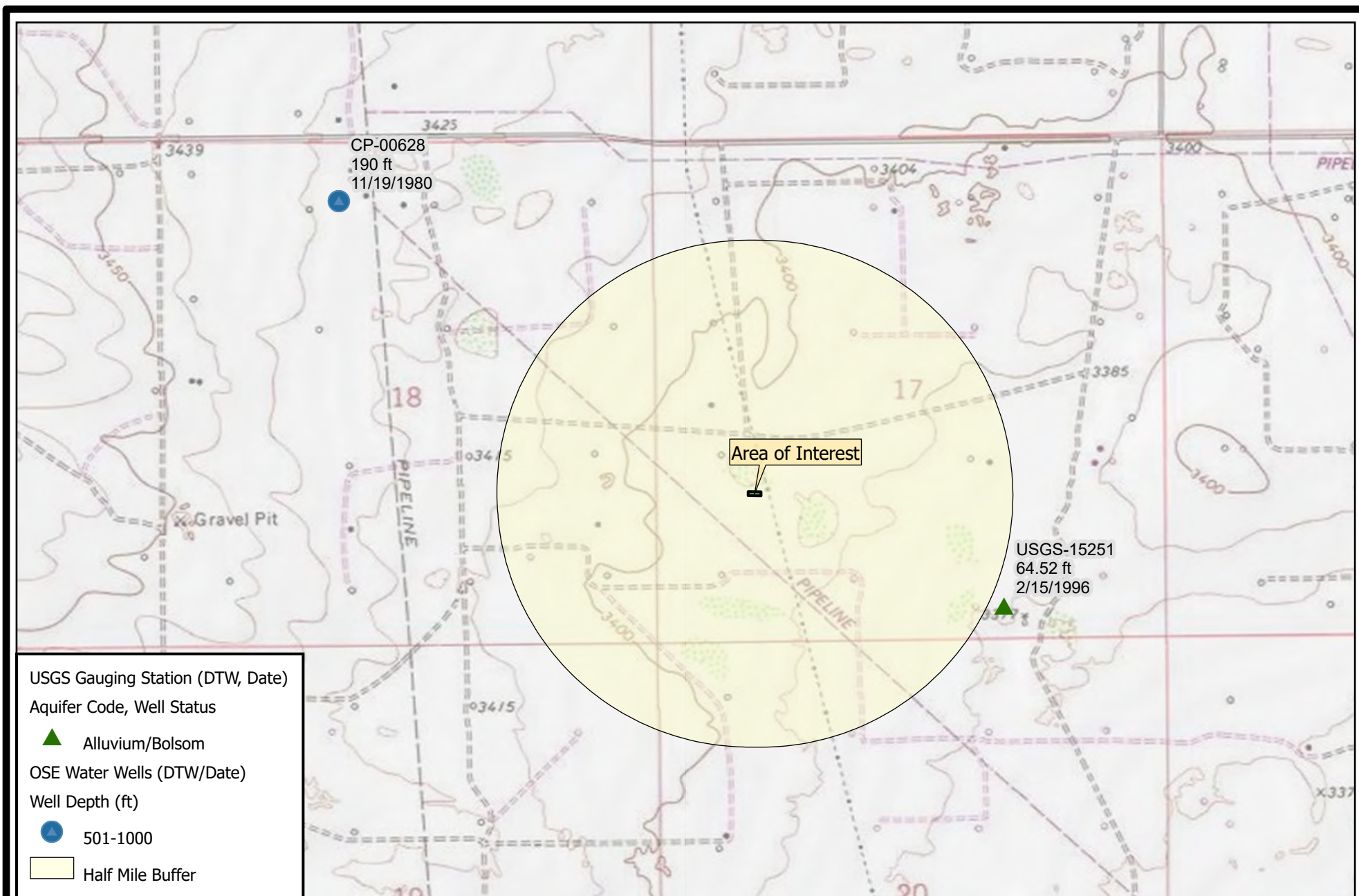


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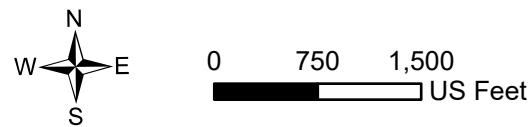


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|---------------------------------------|
| Site Map Adobe State #005 |
| Incident ID#: NAPP2403855479 |
| Prj. ID: contango-reclaim-adobeState5 |

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|------------|
| Plate 1 |
| 02/16/2024 |

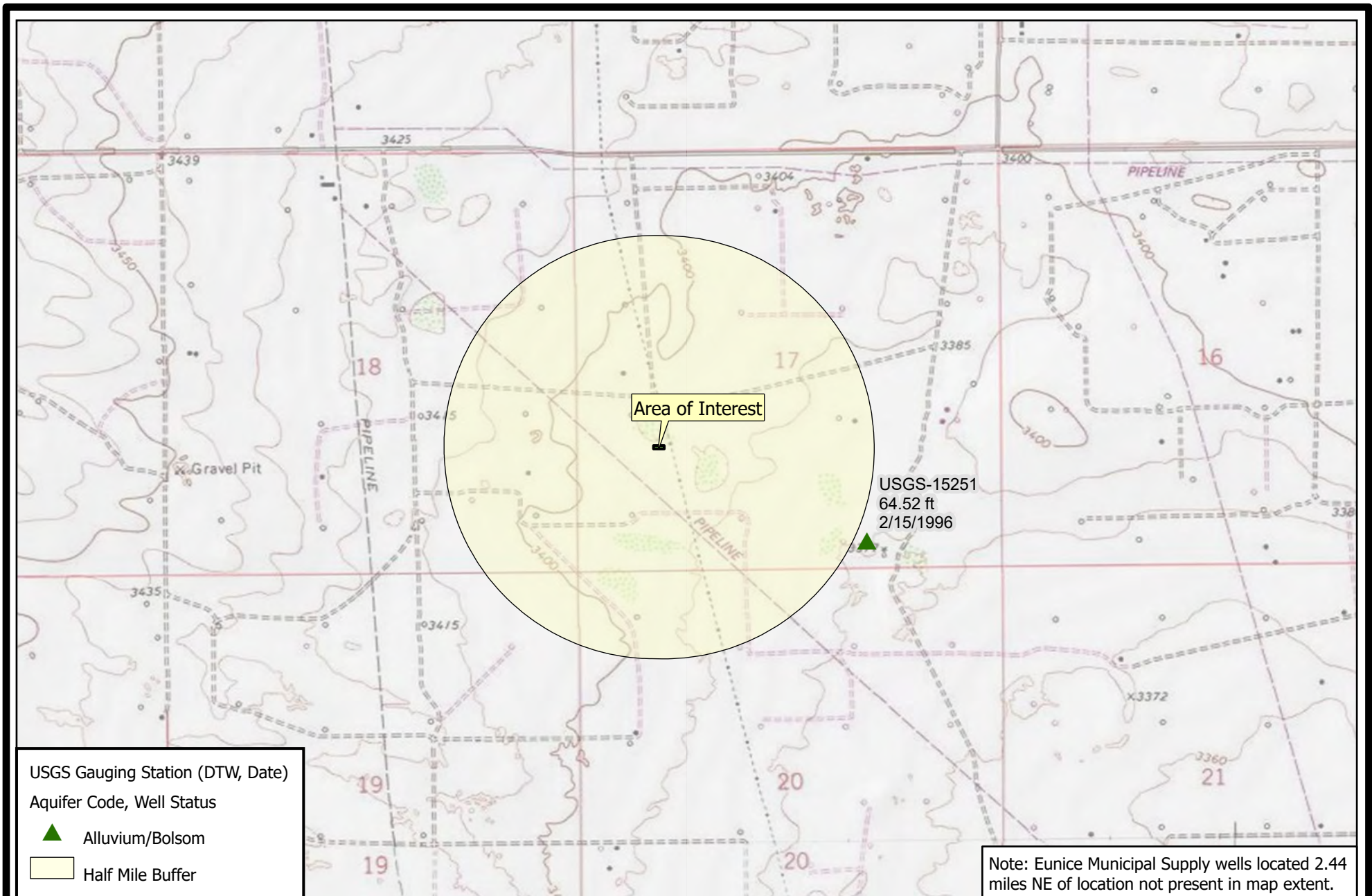


USGS Gauging Station (DTW, Date)
 Aquifer Code, Well Status
 ▲ Alluvium/Bolsom
 OSE Water Wells (DTW/Date)
 Well Depth (ft)
 ● 501-1000
 □ Half Mile Buffer



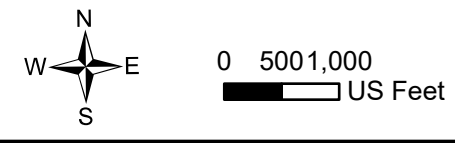
| |
|---------------------------------------|
| Depth To Water Adobe State #005 |
| Incident ID#: NAPP2403855479 |
| Prj. ID: contango-reclaim-adobeState5 |

| |
|------------|
| Plate 2 |
| 02/27/2024 |



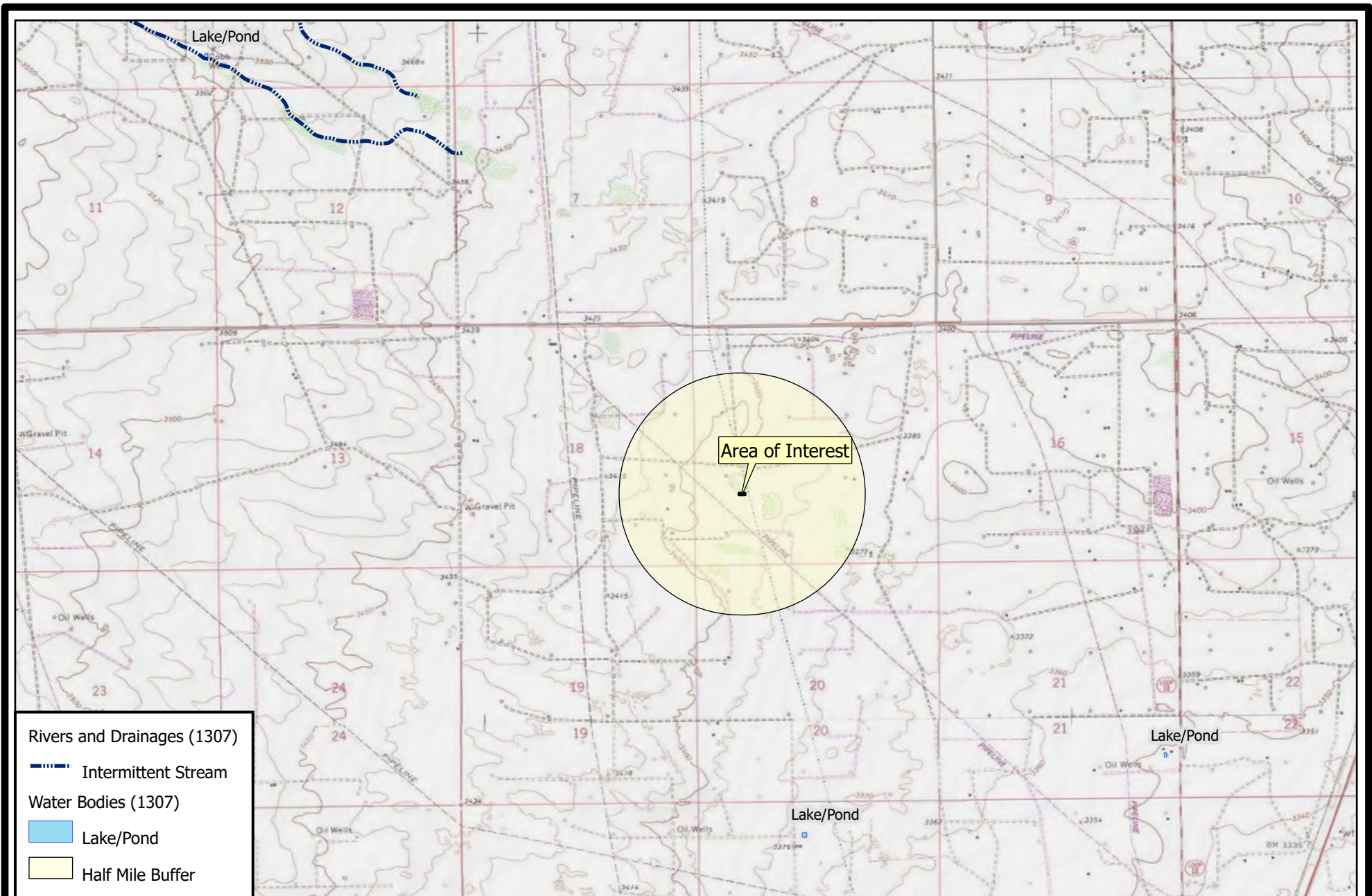
USGS Gauging Station (DTW, Date)
 Aquifer Code, Well Status
 ▲ Alluvium/Bolsom
 □ Half Mile Buffer

Note: Eunice Municipal Supply wells located 2.44 miles NE of location not present in map extent.



Wellhead Protection
 Adobe State #005
 Incident ID#: NAPP2403855479
 Prj. ID: contango-reclaim-adobeState5

Plate 3
 02/27/2024

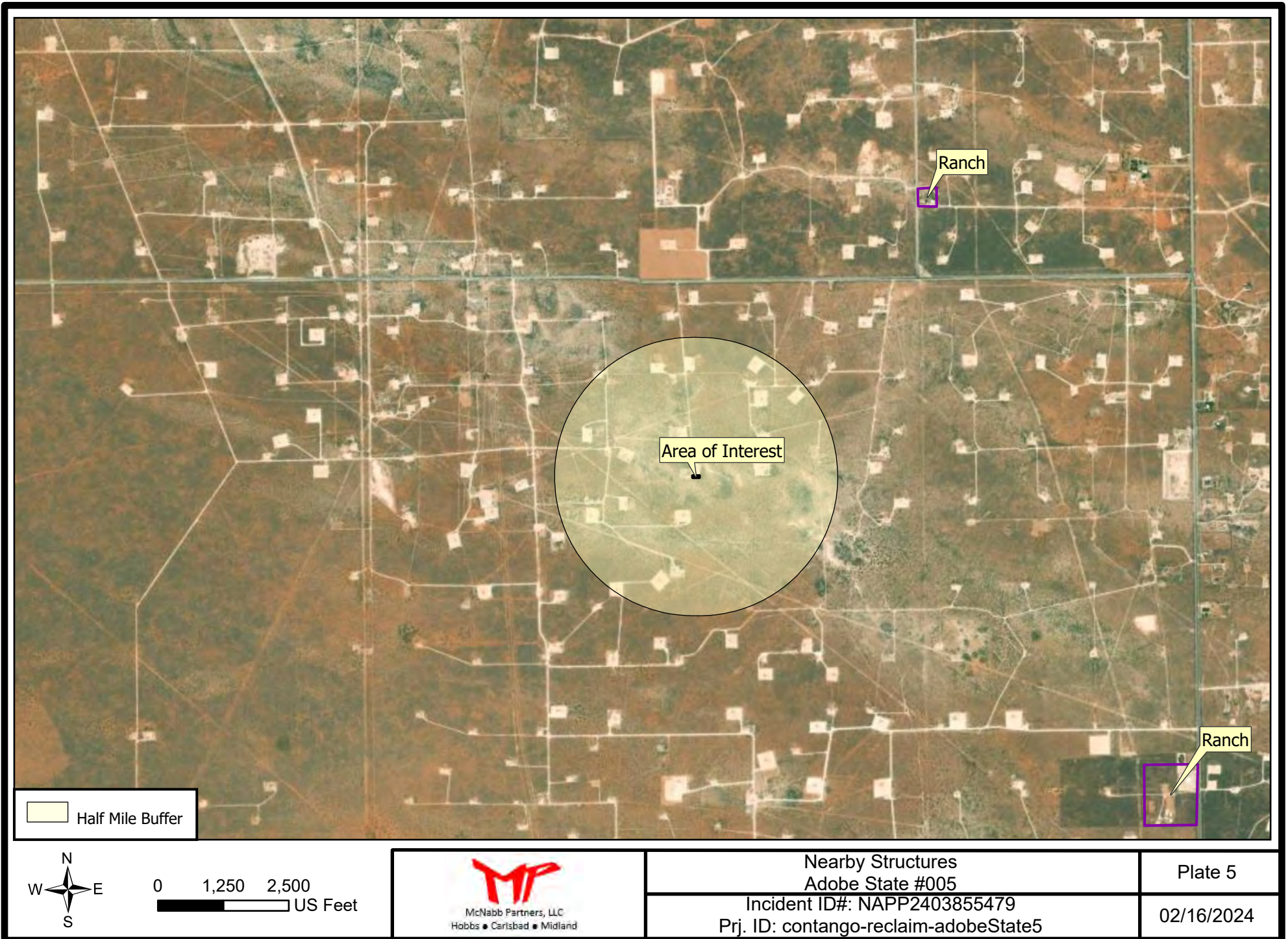


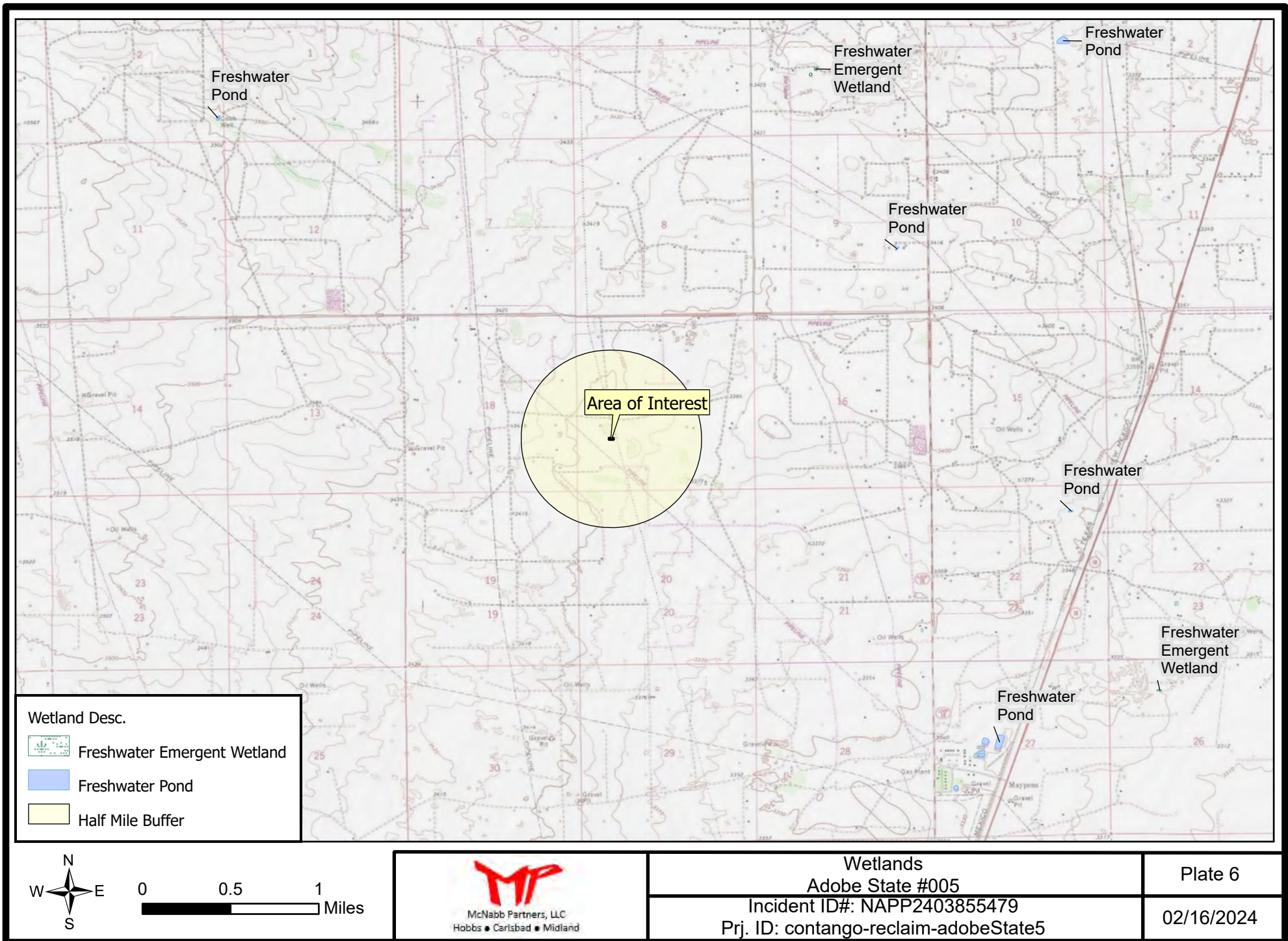
0 1,500 3,000
US Feet

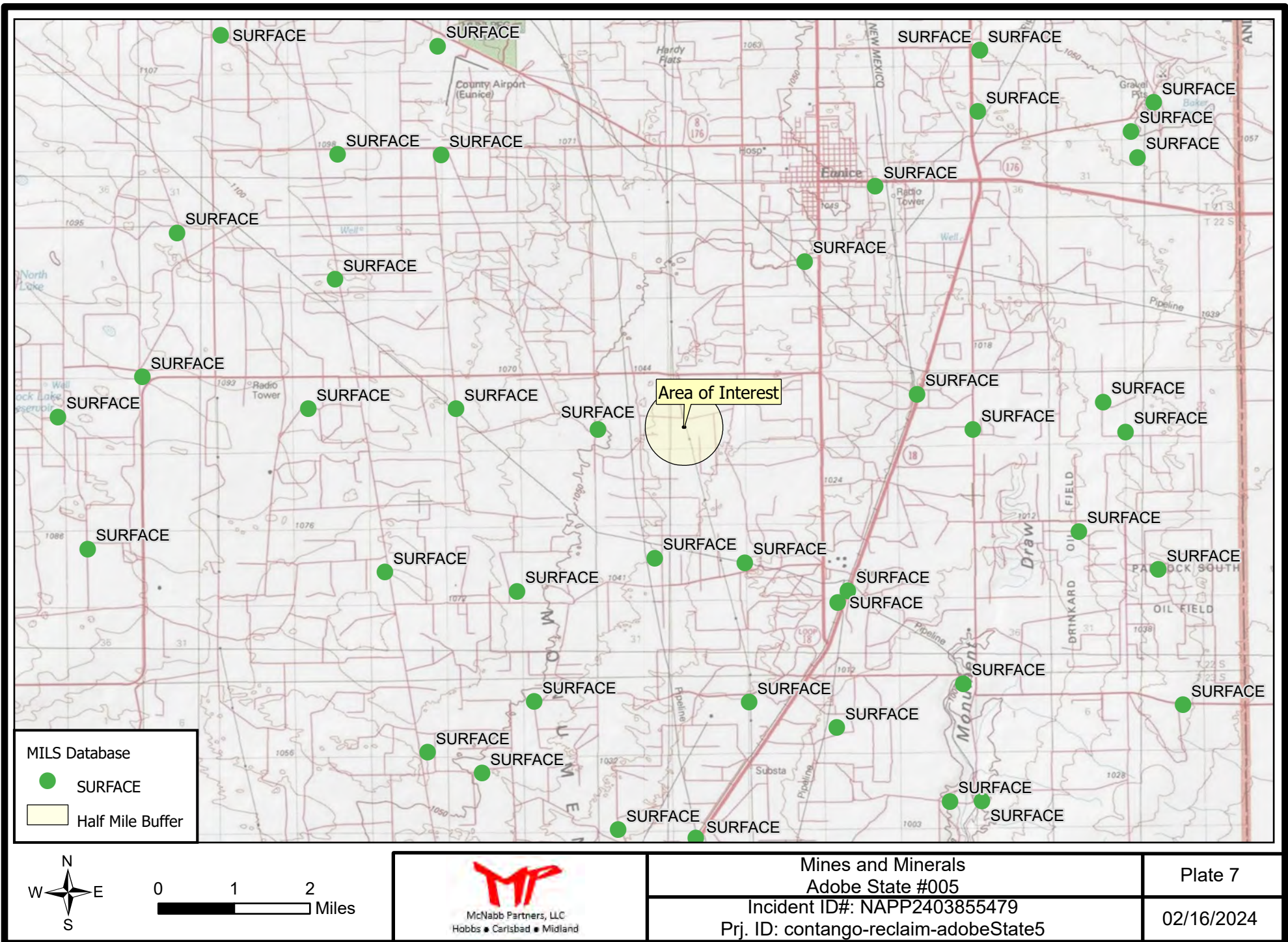


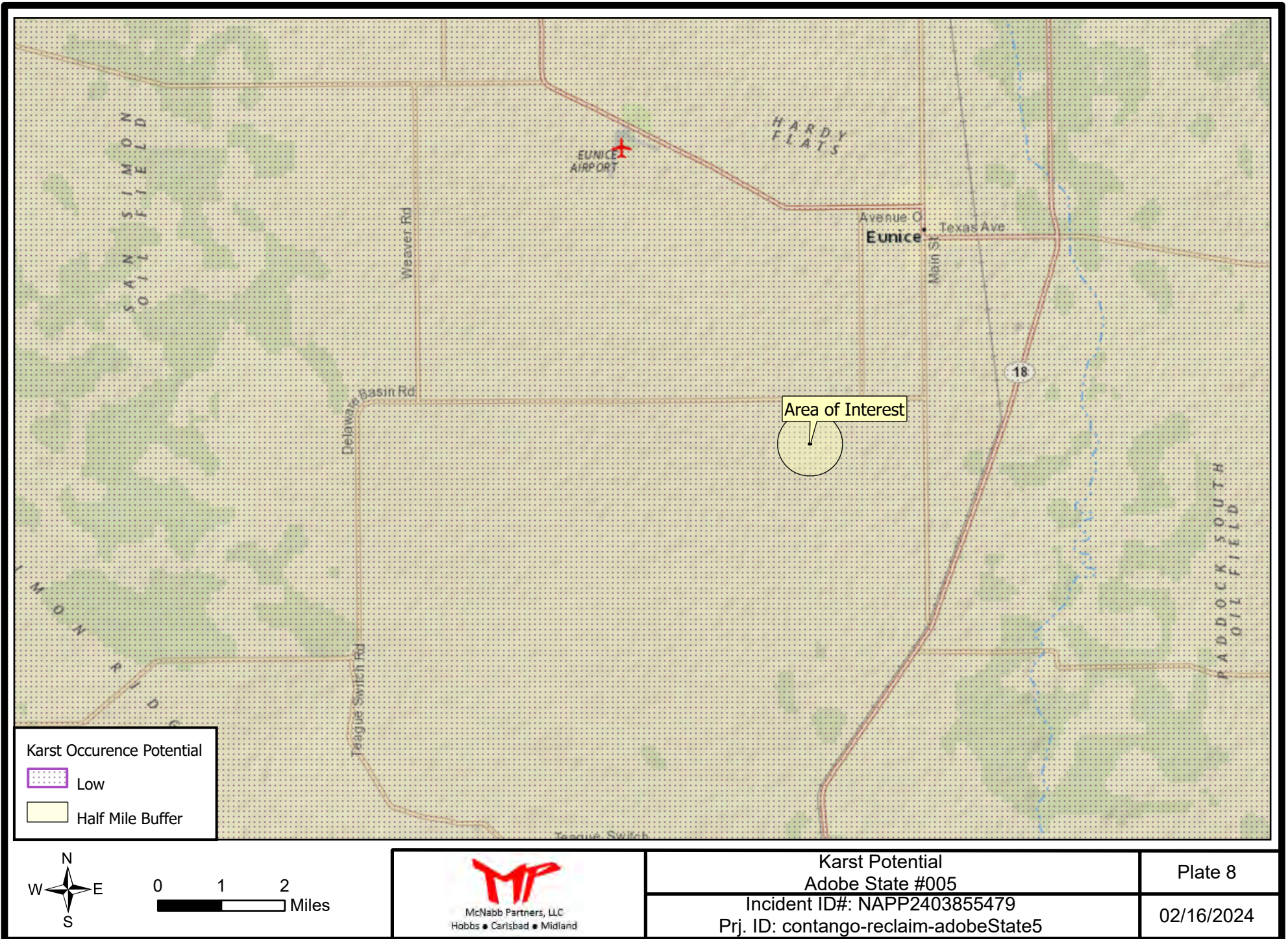
Significant Watercourses
Adobe State #005
Incident ID#: NAPP2403855479
Prj. ID: contango-reclaim-adobeState5

Plate 4
02/16/2024



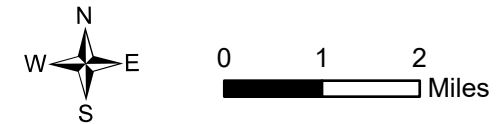






Karst Occurrence Potential

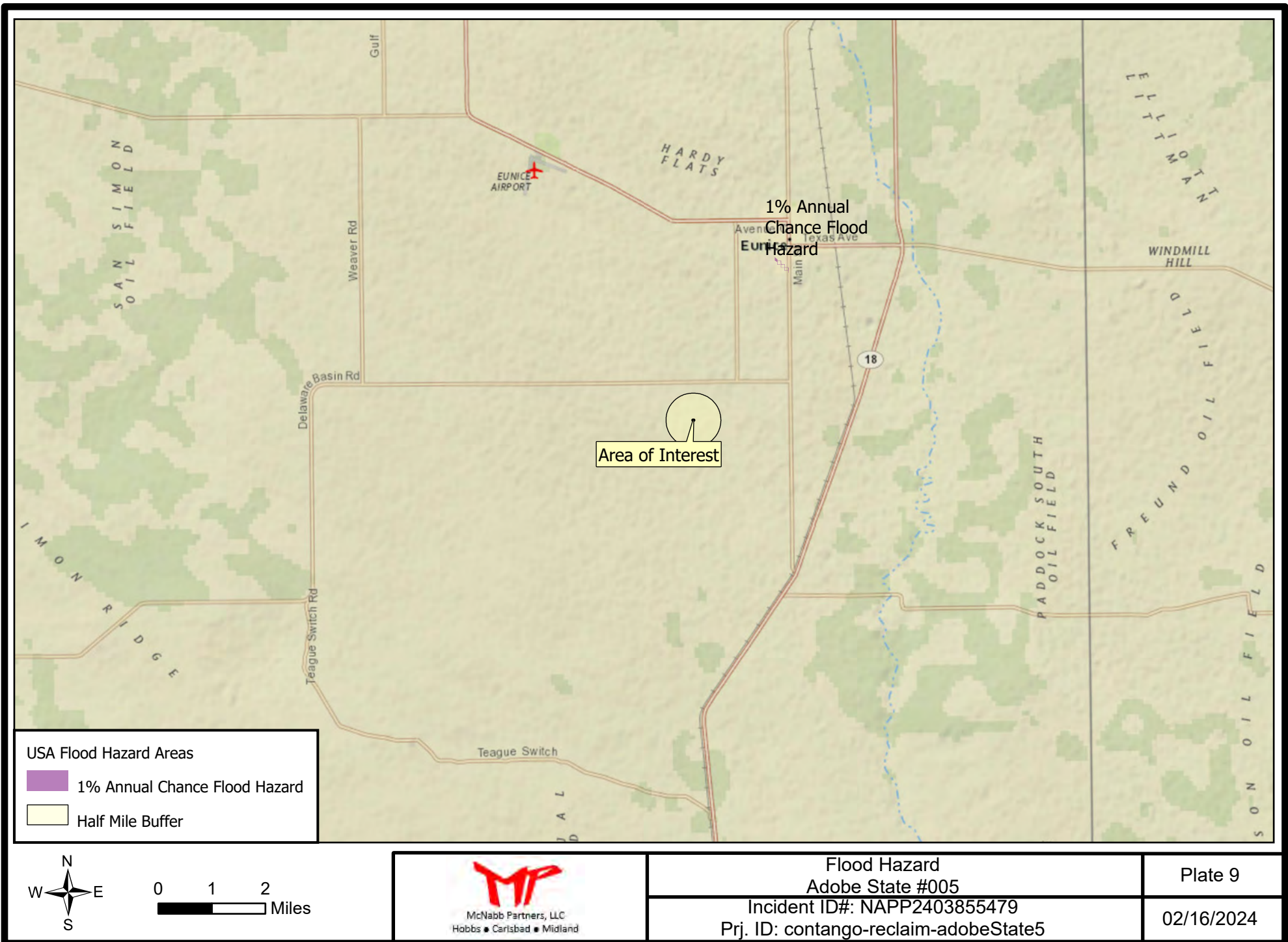
- Low
- Half Mile Buffer



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| |
|---|
| Karst Potential Adobe State #005 |
| Incident ID#: NAPP2403855479 Prj. ID: contango-reclaim-adobeState5 |


| |
|---------------------------|
| Plate 8 02/16/2024 |
|---------------------------|





Soil Sample

-  Meets Closure Criteria
-  Exceeds Closure Criteria
-  Area of Interest

W  E
S

0 10 20
US Feet




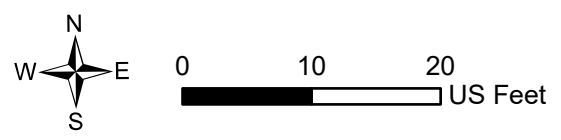
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| |
|---|
| Characterization Sample Point Locations Adobe State #005 |
| Incident ID#: NAPP2403855479 Prj. ID: contango-reclaim-adobeState5 |

| |
|------------|
| Plate 10 |
| 03/18/2024 |

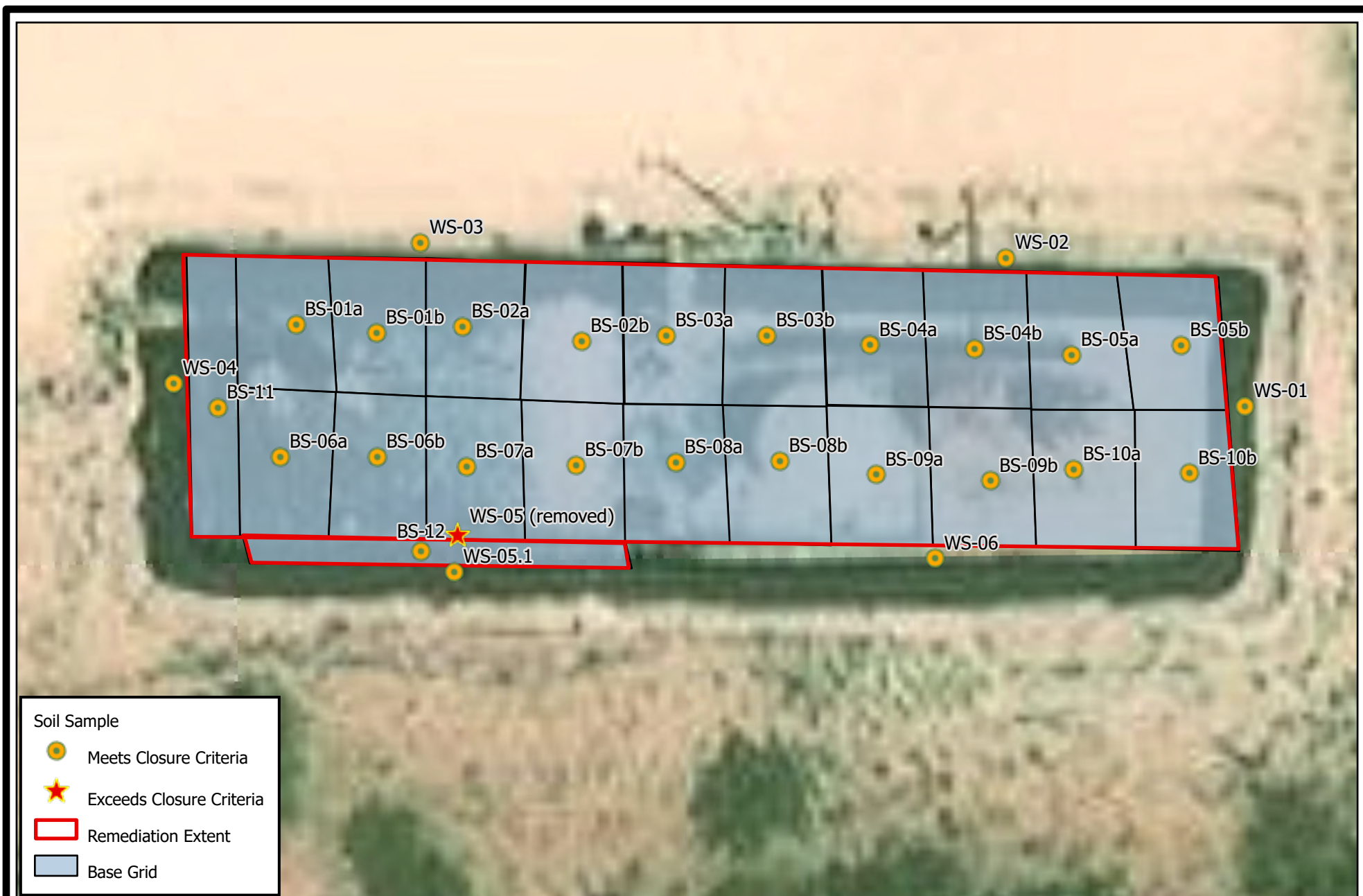


 Base Grid



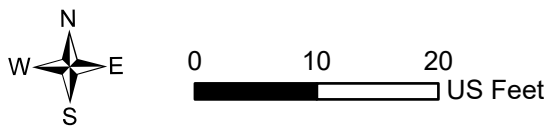
| |
|--|
| Base Grid with Associated Square Footage Adobe State #005 |
| Incident ID#: NAPP2403855479 |
| Prj. ID: contango-reclaim-adobeState5 |

| |
|------------|
| Plate 11 |
| 03/18/2024 |



Soil Sample

- Meets Closure Criteria
- ★ Exceeds Closure Criteria
- Remediation Extent
- Base Grid



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| |
|---|
| Confirmation Sample Points and Remediation Extent Adobe State #005 |
| Incident ID#: NAPP2403855479 |
| Prj. ID: contango-reclaim-adobeState5 |

| |
|------------|
| Plate 12 |
| 03/26/2024 |

Tables



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| Sample Point | Latitude | Longitude |
|--------------|------------|--------------|
| CS-01 | 32.3887067 | -103.1903071 |
| CS-01N | 32.3887398 | -103.1903062 |
| CS-01S | 32.3886700 | -103.1903022 |
| CS-01W | 32.3887057 | -103.1904277 |
| CS-02 | 32.3887045 | -103.1901390 |
| CS-02E | 32.3887055 | -103.1900934 |
| CS-02N | 32.3887393 | -103.1901448 |
| CS-02S | 32.3886677 | -103.1901378 |
| BS-01a | 32.3887368 | -103.1904365 |
| BS-01b | 32.3887337 | -103.1904055 |
| BS-02a | 32.3887356 | -103.1903725 |
| BS-02b | 32.3887304 | -103.1903270 |
| BS-03a | 32.3887319 | -103.1902944 |
| BS-03b | 32.3887315 | -103.1902558 |
| BS-04a | 32.3887281 | -103.1902162 |
| BS-04b | 32.3887266 | -103.1901763 |
| BS-05a | 32.3887241 | -103.1901389 |
| BS-05b | 32.3887269 | -103.1900970 |
| BS-06a | 32.3886937 | -103.1904430 |
| BS-06b | 32.3886933 | -103.1904058 |
| BS-07a | 32.3886900 | -103.1903715 |
| BS-07b | 32.3886900 | -103.1903297 |
| BS-08a | 32.3886906 | -103.1902914 |
| BS-08b | 32.3886906 | -103.1902514 |
| BS-09a | 32.3886859 | -103.1902144 |
| BS-09b | 32.3886835 | -103.1901707 |
| BS-10a | 32.3886869 | -103.1901386 |
| BS-10b | 32.3886853 | -103.1900944 |
| BS-11 | 32.3887100 | -103.1904668 |
| BS-12 | 32.3886626 | -103.1903894 |
| WS-01 | 32.3887035 | -103.1900655 |
| WS-02 | 32.3887625 | -103.1901637 |
| WS-03 | 32.3887691 | -103.1903883 |
| WS-04 | 32.3887176 | -103.1904904 |
| WS-05 | 32.3886678 | -103.1903753 |
| WS-05.1 | 32.3886557 | -103.1903767 |
| WS-06 | 32.3886561 | -103.1901913 |

April 3, 2024

Table B
Summary of Analytical

Incident ID: nAPP2403855479
Adobe State #005
Project ID: contango-reclaim-adobeState5

| Sample ID | Date | Discrete Depth (Feet) | Top Depth (Feet) | Bottom Depth (Feet) | Location | Chloride (mg/kg) | GRO+DRO (mg/kg) | TPH Ext. (mg/kg) | Benzene (mg/kg) | BTEX (mg/kg) | Comments | Lab | Lab # |
|---------------------------|-----------|-----------------------|------------------|---------------------|----------|------------------|-----------------|------------------|-----------------|--------------|----------|-----------------|---------|
| | | | | | | | | | | | | (Hall/Cardinal) | |
| NMOCD Closure Criteria | | | | | | | | | | | | | |
| 0 - 4 feet & "not in-use" | | | | | | 600 | -- | 100 | 10 | 50 | | | |
| > 4 ft or "in-use" | | | | | | 10,000 | 1,000 | 2,500 | 10 | 50 | | | |
| CS-01 | 1/31/2024 | | 0 | 0.5 | On site | 32 | <303 | <573 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-01 N | 1/31/2024 | | 0 | 0.5 | On site | 416 | <2580 | <3650 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-01 S | 1/31/2024 | | 0 | 0.5 | On site | 208 | <7370 | <9590 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-01 W | 1/31/2024 | | 0 | 0.5 | On site | 16 | <173 | <362 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-02 | 1/31/2024 | 3 | | | On site | 80 | <20 | <30 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-02 E | 1/31/2024 | | 0 | 2 | On site | 192 | <446 | <631 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-02 E | 1/31/2024 | 3 | | | On site | 32 | <20 | <30 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-02 N | 1/31/2024 | | 0 | 2 | On site | 128 | <1400 | <2089 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-02 N | 1/31/2024 | 3 | | | On site | <16 | <1990 | <2824 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-02 S | 1/31/2024 | | 0 | 2 | On site | 160 | <3840 | <5260 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| CS-02 S | 1/31/2024 | 3 | | | On site | 80 | <456 | <1040 | <0.05 | <0.3 | Removed | Cardinal | H240460 |
| BS-01a | 2/16/2024 | 3 | | | On site | 48 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-01b | 2/16/2024 | 3 | | | On site | 160 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-02a | 2/16/2024 | 3 | | | On site | 32 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-02b | 2/16/2024 | 3 | | | On site | 198 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-03a | 2/16/2024 | 3 | | | On site | 96 | <46 | <56 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-03b | 2/16/2024 | 3 | | | On site | 400 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-04a | 2/16/2024 | 3 | | | On site | 144 | <215 | <308.9 | <0.05 | <0.3 | Removed | Cardinal | H240767 |
| BS-04a | 3/6/2024 | 4.5 | | | On site | 16 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 |
| BS-04b | 2/16/2024 | 3 | | | On site | 48 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-05a | 2/16/2024 | 3 | | | On site | 224 | <415 | <603 | <0.05 | <0.3 | Removed | Cardinal | H240767 |
| BS-05a | 3/6/2024 | 4.5 | | | On site | 64 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 |
| BS-05b | 2/16/2024 | 3 | | | On site | 160 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-06a | 2/16/2024 | 3 | | | On site | 16 | <138 | <163.6 | <0.05 | <0.3 | Removed | Cardinal | H240767 |
| BS-06a | 3/6/2024 | 4.5 | | | On site | 96 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 |
| BS-06b | 2/16/2024 | 3 | | | On site | 16 | <638 | <977 | <0.05 | <0.3 | Removed | Cardinal | H240767 |
| BS-06b | 3/6/2024 | 4.5 | | | On site | 48 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 |
| BS-07a | 2/16/2024 | 3 | | | On site | 112 | <237 | <317.2 | <0.05 | <0.3 | Removed | Cardinal | H240767 |
| BS-07a | 3/6/2024 | 4.5 | | | On site | 16 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 |
| BS-07b | 2/16/2024 | 3 | | | On site | 48 | <20 | <30 | <0.05 | <0.3 | Removed | Cardinal | H240767 |
| BS-07b | 3/6/2024 | 4.5 | | | On site | 16 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 |
| BS-08a | 2/16/2024 | 3 | | | On site | 128 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-08b | 2/16/2024 | 3 | | | On site | 64 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-09a | 2/16/2024 | 3 | | | On site | 32 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-09b | 2/16/2024 | 3 | | | On site | 144 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-10a | 2/16/2024 | 3 | | | On site | 192 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |
| BS-10b | 2/16/2024 | 3 | | | On site | 144 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 |

April 3, 2024

Table B
Summary of Analytical

Incident ID: nAPP2403855479
Adobe State #005
Project ID: contango-reclaim-adobeState5

| Sample ID | Date | Discrete Depth (Feet) | Top Depth (Feet) | Bottom Depth (Feet) | Location | Chloride (mg/kg) | GRO+DRO (mg/kg) | TPH Ext. (mg/kg) | Benzene (mg/kg) | BTEX (mg/kg) | Comments | Lab | Lab # | |
|---------------------------|-----------|-----------------------|------------------|---------------------|----------|------------------|-----------------|------------------|-----------------|--------------|----------|-----------------|---------|--|
| | | | | | | | | | | | | (Hall/Cardinal) | | |
| NMOCD Closure Criteria | | | | | | | | | | | | | | |
| 0 - 4 feet & "not in-use" | | | | | | 600 | -- | 100 | 10 | 50 | | | | |
| BS-11 | 2/16/2024 | 3 | | | On site | 96 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| BS-12 | 3/19/2024 | 4.5 | | | On site | 192 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241412 | |
| WS-01 | 2/16/2024 | | 0 | 2 | On site | 80 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-01 | 2/16/2024 | 3 | | | On site | 112 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-02 | 2/16/2024 | | 0 | 2 | On site | 32 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-02 | 2/16/2024 | 3 | | | On site | 64 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-03 | 2/16/2024 | | 0 | 2 | On site | 112 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-03 | 2/16/2024 | 3 | | | On site | 16 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-04 | 2/16/2024 | | 0 | 2 | On site | 80 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-04 | 2/16/2024 | 3 | | | On site | 64 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-05 | 2/16/2024 | | 0 | 2 | On site | 32 | <20 | <30 | <0.05 | <0.3 | Removed | Cardinal | H240767 | |
| WS-05 | 2/16/2024 | 3 | | | On site | 64 | <250 | <450 | <0.05 | <0.3 | Removed | Cardinal | H240767 | |
| WS-05.1 | 3/6/2024 | | 0 | 2 | On site | 64 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 | |
| WS-05.1 | 3/6/2024 | | 2 | 4 | On site | 176 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 | |
| WS-05.1 | 3/6/2024 | 4.5 | | | On site | 48 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241122 | |
| WS-06 | 2/16/2024 | | 0 | 2 | On site | 80 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| WS-06 | 2/16/2024 | 3 | | | On site | 64 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H240767 | |
| Backfill material | 3/25/2024 | | | | | 16 | <20 | <30 | <0.05 | <0.3 | | Cardinal | H241549 | |

Appendix A

Communications



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

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 312412

QUESTIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312412 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|---|------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | Adobe State #005 |
| Date Release Discovered | 02/06/2024 |
| Surface Owner | State |

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

| | |
|---|--|
| Nature and Volume of Release | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Tank (Any) Crude Oil Released: 20 BBL Recovered: 0 BBL Lost: 20 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Not answered. |
| 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) | Impacted soil identified in tank battery footprint during site reclamation. Initial soil samples revealed hydrocarbons above closure criteria. |

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

QUESTIONS, Page 2

Action 312412

QUESTIONS (continued)

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312412 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i> |

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

Initial Response

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

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

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

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ACKNOWLEDGMENTS

Action 312412

ACKNOWLEDGMENTS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312412 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 312412

CONDITIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312412 |
| | Action Type: [NOTIFY] Notification Of Release (NOR) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| cdavis | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 2/7/2024 |

| Spill Dimensions to Volume of Release | | | |
|---------------------------------------|---|-----------------|--------------|
| Input | volume of affected soil | [feet^3] | 5709.00 |
| Input | Porosity: typically is .35 to .40 for most soils | [-] | 0.20 |
| Input | Proportion of porosity filled with release fluid [0,1] | [-] | 0.10 |
| | | | |
| Output | volume of fluid | [feet^3] | 114.2 |
| | | [gal] | 854.1 |
| | | Barrels | 20.3 |

| From GIS | |
|------------|------|
| Sq. Ft | 5709 |
| Depth (ft) | 1 |
| Cu. Ft | 5709 |

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

QUESTIONS

Action 312418

QUESTIONS

| | |
|---|---|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312418 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|----------------------|-------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2403855479 |
| Incident Name | NAPP2403855479 ADOBE STATE #005 @ 0 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Received |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|------------------|
| Site Name | Adobe State #005 |
| Date Release Discovered | 02/06/2024 |
| Surface Owner | State |

Incident Details

Please answer all the questions in this group.

| | |
|--|-------------|
| Incident Type | Oil Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| | |
|--|--|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Tank (Any) Crude Oil Released: 20 BBL Recovered: 0 BBL Lost: 20 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Impacted soil identified in tank battery footprint during site reclamation. Initial soil samples revealed hydrocarbons above closure criteria. |

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QUESTIONS, Page 2

Action 312418

QUESTIONS (continued)

| | |
|---|---|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312418 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

| | |
|--|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i> |
| <i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i> | |

Initial Response

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

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

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

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

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: Chris Davis Title: EHS Supervisor Email: chris.davis@contango.com Date: 02/07/2024 |
|--|---|

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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 312418

QUESTIONS (continued)

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312418 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

QUESTIONS

Site Characterization
 Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|---------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Not answered. |
| What method was used to determine the depth to ground water | Not answered. |
| Did this release impact groundwater or surface water | Not answered. |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Not answered. |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Not answered. |
| An occupied permanent residence, school, hospital, institution, or church | Not answered. |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Not answered. |
| Any other fresh water well or spring | Not answered. |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Not answered. |
| A wetland | Not answered. |
| A subsurface mine | Not answered. |
| An (non-karst) unstable area | Not answered. |
| Categorize the risk of this well / site being in a karst geology | Not answered. |
| A 100-year floodplain | Not answered. |
| Did the release impact areas not on an exploration, development, production, or storage site | Not answered. |

| | |
|--|----|
| Remediation Plan | |
| Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. | |
| Requesting a remediation plan approval with this submission | No |
| The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required. | |

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

CONDITIONS

Action 312418

CONDITIONS

| | |
|---|---|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312418 |
| | Action Type: [C-141] Initial C-141 (C-141-v-Initial) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| scwells | None | 2/8/2024 |

Laura Parker

From: Laura Parker
Sent: Wednesday, February 7, 2024 4:40 PM
To: 'spills@slo.state.nm.us'
Cc: 'Chris Davis'; 'trey.haines@contango.com'; 'Seth.Johnson@contango.com'
Subject: Adobe State #005, notification of impacted soils

Location: Adobe State #5
Incident ID: **nAPP2403855479**
Lat/Long: 32.3887110, -103.1901582

Impacted soils noted in the footprint of the tank battery following deconstruction. Characterization samples obtained on 1/31/2024 demonstrated hydrocarbon impact. Site will be remediated according to 19.15.29 NMAC prior to reclamation. Notice of release and initial C-141 submitted to NMOCD 2/7/2024.

Please contact me with any questions.

Laura Parker
Environmental Specialist
McNabb Partners
c: (505) 270-8647



From: [Velez, Nelson, EMNRD](#)
To: [Laura Parker](#)
Cc: [Andrew Parker](#); [Chris.Davis@contango.com](#); [Trey.Haines@contango.com](#); [Seth.Johnson@contango.com](#); [Bratcher, Michael, EMNRD](#)
Subject: Re: [EXTERNAL] FW: nAPP2403855479 Adobe State 5 Sampling Grid Variance Request
Date: Friday, February 16, 2024 1:48:24 PM
Attachments: [image002.png](#)
[image003.png](#)
[Outlook-ketxk4ji.png](#)

Good afternoon Laura,

Thank you for your correspondence. Your variance request can not be approved without some of the site characterization being presented. Depth to water (DTW) information is the key component in establishing the proper closure standards. Please provide DTW determination along with any of the 19.15.29.12C (4)(a-h) NMAC siting if applicable.

If you have any questions or concerns, please contact me at your earliest convenience.

Regards,

Nelson Velez • Environmental Specialist - Adv
 Environmental Bureau | EMNRD - Oil Conservation Division
 1000 Rio Brazos Road | Aztec, NM 87410
 (505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, February 14, 2024 4:19 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] FW: nAPP2403855479 Adobe State 5 Sampling Grid Variance Request

From: Laura Parker <laura@mcnabbpartners.com>
Sent: Wednesday, February 14, 2024 4:11 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Andrew Parker <andrew@mcnabbpartners.com>
Subject: [EXTERNAL] FW: nAPP2403855479 Adobe State 5 Sampling Grid Variance Request

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

Good afternoon,

Please see below for sample grid size variance request. I am resubmitting as it has apparently not shown up in the queue for review. We are remediating an area of impact identified during a site reclamation. We believe we have removed (dig/haul/dispose) all impacted material and are ready to start sampling (sampling notice approved on 2/9/2024). We appreciate your review of the variance request.

Please let me know if you have any questions.

Sincerely,

Laura Parker
 Environmental Specialist
 McNabb Partners
 c: (505) 270-8647



From: Andrew Parker <andrew@mcnabbpartners.com>
Sent: Wednesday, February 14, 2024 1:34 PM
To: Laura Parker <laura@mcnabbpartners.com>
Subject: Fwd: nAPP2403855479 Adobe State 5 Sampling Grid Variance Request

Andrew Parker
 McNabb Partners
 Environmental Manager
 970-570-9535

Begin forwarded message:

From: Andrew Parker <andrew@mcnabbpartners.com>
Date: February 12, 2024 at 4:10:00 PM MST
To: "Enviro, OCD, EMNRD" <OCD.Enviro@emnrn.nm.gov>
Cc: Chris Davis <Chris.Davis@contango.com>, Trey Haines <Trey.Haines@contango.com>, Seth Johnson <Seth.Johnson@contango.com>
Subject: nAPP2403855479 Adobe State 5 Sampling Grid Variance Request

NMOCD,

Incident ID: nAPP2403855479
 Adobe State 5

On the behalf of Contango Resources, McNabb Partners respectfully asks NMOCD for a variance to an alternative sample size to represent more than 200 sq ft, per 19.15.29.12.D.(1).(c). We ask for a sample grid not to exceed

1. 400 sq ft for base samples
2. 200 sq ft for wall samples.

The requested variance will provide equal protection of fresh water, public health, and the environment according to the "10% Condition"^[1] that states sample sizes should be no more than 10% of the population (excavation extent area) as long as it does not exceed 1,000^[2]. Applying the 10% Condition, a sample grid of 400 sq ft meets this condition (7%) and represents 93% of the population (release area).

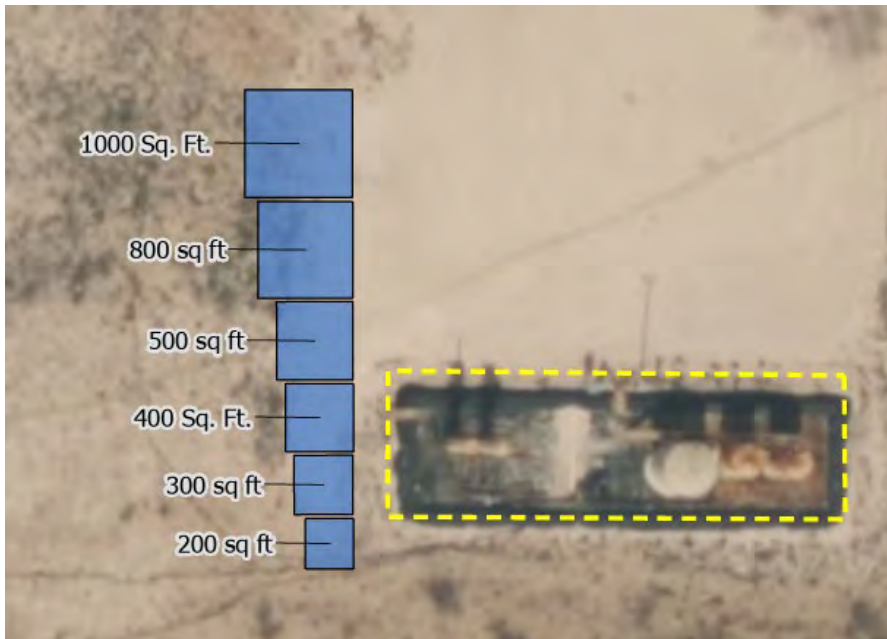
| Population (sq ft area) | Sample Size (grid sq. ft.) | No. of Sample Grids | % of Population (sq. ft. area) | Representative of Population | Meets 10% Condition |
|-------------------------|----------------------------|---------------------|--------------------------------|------------------------------|---------------------|
| 5,709 | 200 | 29 | 3.5% | 96.5% | Yes |
| 5,709 | 300.0 | 217 | 5.3% | 94.7% | Yes |
| 5,709 | 400 | 14 | 7% | 93% | Yes |
| 5,709 | 500 | 11 | 9% | 91% | Yes |
| 5,709 | 1,000 | 6 | 18% | 82% | No |

1 <https://web.ma.utexas.edu/users/mks/M358KInstr/TenPctCond.pdf>

2 <https://tools4dev.org/resources/how-to-choose-a-sample-size/>

The below screenshot shows:

1. The estimated remediation extent (yellow dashed line)
2. Representative sample grid sizes for comparison



Thank you for your consideration.

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535



[1] <https://web.ma.utexas.edu/users/mks/M358KInstr/TenPctCond.pdf>
[2] <https://tools4dev.org/resources/how-to-choose-a-sample-size/>

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 312959

QUESTIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312959 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|-------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2403855479 |
| Incident Name | NAPP2403855479 ADOBE STATE #005 @ 0 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|------------------|
| Location of Release Source | |
| Site Name | Adobe State #005 |
| Date Release Discovered | 02/06/2024 |
| Surface Owner | State |

| | |
|---|--|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 5,709 |
| What is the estimated number of samples that will be gathered | 19 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 02/13/2024 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Christopher Turner 575-441-0080 |
| Please provide any information necessary for navigation to sampling site | From Eunice, proceed south on State Highway 207 approx. 2.5 miles; East on Delaware Basin Road (County Road 21) approx. 3.2 miles; south on unnamed lease road approx. 0.66 miles to location. |

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

CONDITIONS
 Action 312959

CONDITIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 312959 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| cdavis | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 2/9/2024 |

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

QUESTIONS

Action 319187

QUESTIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 319187 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|-------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2403855479 |
| Incident Name | NAPP2403855479 ADOBE STATE #005 @ 0 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|------------------|
| Location of Release Source | |
| Site Name | Adobe State #005 |
| Date Release Discovered | 02/06/2024 |
| Surface Owner | State |

| | |
|---|---|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 5,709 |
| What is the estimated number of samples that will be gathered | 9 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 02/16/2024 |
| Time sampling will commence | 08:08 AM |
| <i>Warning: Notification can not be less than two business days prior to conducting final sampling.</i> | |
| Please provide any information necessary for observers to contact samplers | Andrew Parker 970-570-9535 Please accept a revision of the sample event notification for 2/13/2024 - Sampling event was delayed until 02/16/2024. |
| Please provide any information necessary for navigation to sampling site | Revision |

District I
 1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 319187

CONDITIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 319187 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| cdavis | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 2/29/2024 |

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

QUESTIONS

Action 319579

QUESTIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 319579 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|-------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2403855479 |
| Incident Name | NAPP2403855479 ADOBE STATE #005 @ 0 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|------------------|
| Location of Release Source | |
| Site Name | Adobe State #005 |
| Date Release Discovered | 02/06/2024 |
| Surface Owner | State |

| | |
|---|--|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 1,500 |
| What is the estimated number of samples that will be gathered | 7 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/06/2024 |
| Time sampling will commence | 10:30 AM |
| Please provide any information necessary for observers to contact samplers | Christopher Turner 575-441-0080 |
| Please provide any information necessary for navigation to sampling site | From Eunice, proceed south on State Highway 207 approx. 2.5 miles; East on Delaware Basin Road (County Road 21) approx. 3.2 miles; south on unnamed lease road approx. 0.66 miles to location. |

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

CONDITIONS

Action 319579

CONDITIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 319579 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| cdavis | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 3/4/2024 |

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

QUESTIONS

Action 324289

QUESTIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 324289 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| | |
|----------------------|-------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2403855479 |
| Incident Name | NAPP2403855479 ADOBE STATE #005 @ 0 |
| Incident Type | Oil Release |
| Incident Status | Initial C-141 Approved |

| | |
|-----------------------------------|------------------|
| Location of Release Source | |
| Site Name | Adobe State #005 |
| Date Release Discovered | 02/06/2024 |
| Surface Owner | State |

| | |
|---|--|
| Sampling Event General Information | |
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 130 |
| What is the estimated number of samples that will be gathered | 1 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/20/2024 |
| Time sampling will commence | 10:00 AM |
| Please provide any information necessary for observers to contact samplers | Andrew Parker 970-570-9535 Please accept request for sample event to occur 03-18-2024. 2PM. |
| Please provide any information necessary for navigation to sampling site | From Eunice, proceed south on State Highway 207 approx. 2.5 miles; East on Delaware Basin Road (County Road 21) approx. 3.2 miles; south on unnamed lease road approx. 0.66 miles to location. |

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

CONDITIONS

Action 324289

CONDITIONS

| | |
|---|--|
| Operator: Contango Resources, LLC 111 E. 5TH STREET FORT WORTH, TX 76102 | OGRID: 330447 |
| | Action Number: 324289 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| cdavis | Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. | 3/18/2024 |

From: Wells, Shelly, EMNRD
To: Andrew Parker
Cc: Chris Davis, Trey Haines, Laura Parker, Bralcher, Michael, EMNRD
Subject: RE: [EXTERNAL] nAPP2403855479 Adobe State 5 Notice of Sampling Variance Request
Date: Monday, March 18, 2024 2:50:50 PM

Good afternoon Andrew,

A variance to the 48 hour notification for confirmation sampling is approved for NAPP2403855479 ADOBE STATE #005 for 3/19/24 at 8:00am. Include a copy of this notification in the remedial and/or closure report to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive(Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Andrew Parker <Andrew@mcnabbpartners.com>
Sent: Monday, March 18, 2024 2:37 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Chris Davis <Chris.Davis@contango.com>; Trey Haines <Trey.Haines@contango.com>; Laura Parker <Laura@mcnabbpartners.com>
Subject: [EXTERNAL] nAPP2403855479 Adobe State 5 Notice of Sampling Variance Request

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

On the behalf of Contango Resources, McNabb Partners respectfully asks for a variance to the two day sampling notice per 19.15.29 NMAC. We request an expedited sampling date for:
• 03/19/2024 at 08:00 am MST.

A two-day notice of sampling has been submitted today. The notification is reproduced below.

Evaluation of soil samples collected to date, one additional soil sample covering an area of 139 sq ft is required to satisfy 19.15.29 NMAC. Other on-site work is expected to begin mid-week and we prefer to have all confirmation sampling completed prior to other work activities.

Thank you for your consideration.

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535



OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID: 324289 Districts: Hobbs
Operator: [330447] Contango Resources, LLC Counties: Lea
Description: Contango Resources, LLC [330447], Adobe State #005, nAPP2403855479
Status: APPROVED
Status Date: 03/18/2024
References (1): nAPP2403855479

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#) nAPP2403855479
Incident Name NAPP2403855479 ADOBE STATE #005 @ 0
Incident Type Oil Release
Incident Status Initial C-141 Approved

Location of Release Source

Site Name Adobe State #005
Date Release Discovered 02/06/2024
Surface Owner State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet 130
What is the estimated number of samples that will be gathered 1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC 03/20/2024
Time sampling will commence 10:00 AM
Please provide any information necessary for observers to contact samplers Andrew Parker 970-570-9535 Please accept request for sample event to occur 03-18-2024. 2PM.
Please provide any information necessary for navigation to sampling site From Eunice, proceed south on State Highway 207 approx. 2.5 miles; East on Delaware Basin Road (County Road 21) approx. 3.2 miles; south on unnamed lease road approx. 0.66 miles to location.

Appendix B

Well Logs



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

FILED
SANTA FE

Section 1. GENERAL INFORMATION

Block 19, Gathering Station

(A) Owner of well Northern Natural Gas Co. Owner's Well No. _____
Street or Post Office Address 400 Commercial Bank Bldg.
City and State Midland, Texas 79701

Well was drilled under Permit No. CP-628 and is located in the:
a. $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 18 Township 22S Range 37E N.M.P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Lea County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Abbott Bros. Drilling License No. WD-46
Address P.O. Box 637, Hobbs, New Mexico 88240

Drilling Began 11/4/80 Completed 11/19/80 Type tools Cable Size of hole 8 1/2 in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 525 ft.
Completed well is shallow artesian. Depth to water upon completion of well 190 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet | | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---------------|-----|-------------------|--|--------------------------------------|
| From | To | | | |
| 195 | 205 | 10 | Sandy clay | 1/4 g.P.M. |
| | | | | |
| | | | | |
| | | | | |

Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet | | Length (feet) | Type of Shoe | Perforations | |
|-------------------|-----------------|-----------------|---------------|--------|---------------|--------------|--------------|-----|
| | | | Top | Bottom | | | From | To |
| 7 | 19 | 8 | 0 | 296.75 | 296.75 | None | 197 | 297 |
| | | | | | | | | |
| | | | | | | | | |

Section 4. RECORD OF MUDDING AND CEMENTING

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

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

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

81 JUN 13 PM 1
 STATE ENGINEER
 SANTA FE, N.M.

FOR USE OF STATE ENGINEER ONLY

Date Received December 10, 1980 Quad _____ FWL _____ FSL _____
File No. CP-628 Use DTC Location No. 22.37.18. 12232

Appendix C

Certificates of Analysis



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



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

February 06, 2024

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: CONTANGO - RECLAIM - ADOBE STATES

Enclosed are the results of analyses for samples received by the laboratory on 02/01/24 8:47.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 01 0-0.5' (H240460-01)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-04 |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 02/02/2024 | ND | 215 | 108 | 200 | 0.456 | | |
| DRO >C10-C28* | 293 | 10.0 | 02/02/2024 | ND | 207 | 104 | 200 | 1.43 | | |
| EXT DRO >C28-C36 | 270 | 10.0 | 02/02/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 159 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 02 3' (H240460-02)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| 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 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/06/2024 | ND | 215 | 108 | 200 | 0.456 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/06/2024 | ND | 207 | 104 | 200 | 1.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/06/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 02E 0-2' (H240460-03)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <50.0 | 50.0 | 02/01/2024 | ND | 215 | 108 | 200 | 0.456 | |
| DRO >C10-C28* | 396 | 50.0 | 02/01/2024 | ND | 207 | 104 | 200 | 1.43 | |
| EXT DRO >C28-C36 | 185 | 50.0 | 02/01/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 02E 3' (H240460-04)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

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

| 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 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/01/2024 | ND | 215 | 108 | 200 | 0.456 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/01/2024 | ND | 207 | 104 | 200 | 1.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/01/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 02N 0-2' (H240460-05)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 02/01/2024 | ND | 215 | 108 | 200 | 0.456 | | |
| DRO >C10-C28* | 1350 | 50.0 | 02/01/2024 | ND | 207 | 104 | 200 | 1.43 | | |
| EXT DRO >C28-C36 | 689 | 50.0 | 02/01/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 186 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 02N 3' (H240460-06)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <50.0 | 50.0 | 02/01/2024 | ND | 215 | 108 | 200 | 0.456 | |
| DRO >C10-C28* | 1940 | 50.0 | 02/01/2024 | ND | 207 | 104 | 200 | 1.43 | |
| EXT DRO >C28-C36 | 834 | 50.0 | 02/01/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 02S 0-2' (H240460-07)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 02/01/2024 | ND | 215 | 108 | 200 | 0.456 | | |
| DRO >C10-C28* | 3790 | 50.0 | 02/01/2024 | ND | 207 | 104 | 200 | 1.43 | | |
| EXT DRO >C28-C36 | 1420 | 50.0 | 02/01/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 181 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 02S 3' (H240460-08)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <50.0 | 50.0 | 02/01/2024 | ND | 215 | 108 | 200 | 0.456 | |
| DRO >C10-C28* | 406 | 50.0 | 02/01/2024 | ND | 207 | 104 | 200 | 1.43 | |
| EXT DRO >C28-C36 | 584 | 50.0 | 02/01/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 01N 0-0.5' (H240460-09)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 416 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 02/01/2024 | ND | 215 | 108 | 200 | 0.456 | | |
| DRO >C10-C28* | 2530 | 50.0 | 02/01/2024 | ND | 207 | 104 | 200 | 1.43 | | |
| EXT DRO >C28-C36 | 1070 | 50.0 | 02/01/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 157 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 01S 0-0.5' (H240460-10)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <50.0 | 50.0 | 02/01/2024 | ND | 215 | 108 | 200 | 0.456 | | |
| DRO >C10-C28* | 7320 | 50.0 | 02/01/2024 | ND | 207 | 104 | 200 | 1.43 | | |
| EXT DRO >C28-C36 | 2220 | 50.0 | 02/01/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 256 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/01/2024 | Sampling Date: | 01/31/2024 |
| Reported: | 02/06/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: CS - 01W 0-0.5' (H240460-11)

| 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 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 2.55 | |
| Toluene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.07 | 103 | 2.00 | 0.715 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/02/2024 | ND | 2.15 | 108 | 2.00 | 2.09 | |
| Total Xylenes* | <0.150 | 0.150 | 02/02/2024 | ND | 6.32 | 105 | 6.00 | 2.34 | |
| Total BTEX | <0.300 | 0.300 | 02/02/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 02/02/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/02/2024 | ND | 201 | 101 | 200 | 3.65 | QM-07 |
| DRO >C10-C28* | 163 | 10.0 | 02/02/2024 | ND | 204 | 102 | 200 | 4.57 | |
| EXT DRO >C28-C36 | 189 | 10.0 | 02/02/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS 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

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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: <i>McNabb Partners</i> Project Manager: <i>Andrew Parker</i> Address: <i>On-File</i> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Name: <i>Contango-Reclaim-Adobe States</i> Project Location: <i>Adobe State 5</i> Sampler Name: <i>Christopher Turner</i> | | P.O. #: <i>Contango-Reclaim-Adobe States</i> Company: <i>McNabb Partners</i> Attn: <i>andrew@mcnabbpartners.com</i> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ | |
| FOR LAB USE ONLY Lab I.D. <i>H4D160</i> | | BILL TO | |
| Sample I.D. | | MATRIX | |
| 1 CS-01 0.05FT C 7 (G)RAB OR (C)OMP. | | GROUNDWATER | |
| 2 CS-02 3FT | | WASTEWATER | |
| 3 CS-02E 0-2FT | | SOIL | |
| 4 CS-02E 8FT | | OIL | |
| 5 CS-02N 0-2FT | | SLUDGE | |
| 6 CS-02N 3FT | | OTHER: | |
| 7 CS-02S 0-2FT | | ACID/BASE: | |
| 8 CS-02S 3FT | | ICE / COOL | |
| 9 CS-01N 0-0.5FT | | OTHER: | |
| 10 CS-01S 0-0.5FT | | PRESERV | |
| | | SAMPLING | |
| | | DATE | |
| | | TIME | |
| 10:52 Chloride | | | |
| 11:01 TPH (GRO+DRO+MRO) | | | |
| 11:07 BTEX (Benzene) | | | |
| 11:14 | | | |
| 11:24 | | | |
| 11:37 | | | |
| 11:31 | | | |
| 11:49 | | | |
| 11:59 | | | |

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Relinquished By: *[Signature]* Date: *4/11/24* Received By: *[Signature]* Date: *8-17*

Delivered By: (Circle One) Observed Temp. °C *3.40C* Sample Condition: Cool Intact
 Corrected Temp. °C _____

Sampler - UPS - Bus - Other: _____

FORM 0007R3-071123

† 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

P.O. #: *Cartungo-Reclaim-Adobes tates 5*

Company: *McNabb Partners*

Address: *Attn: mtroce@McNabbPartners.com*

City:

State:

Zip:

Phone #:

Fax #:

Company Name: *McNabb Partners*

Project Manager: *Andrew Parker*

Address: *On-File*

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Owner: *Cartungo*

Project Name: *Cartungo-Reclaim-Adobes tates*

Project Location: *Adobe State 5*

Sampler Name: *Chris Stoppa-Turner*

FOR LAB USE ONLY

Lab I.D. *H4D460*

Sample I.D.

| FOR LAB USE ONLY | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | PRESERV. | SAMPLING | DATE | TIME | Analysis |
|------------------|------------------|-------------------|--------------|-------------|------------|----------|-----|--------|---------|----------|----------|-----------------|--------------|--------------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | | | |
| | <i>11 CS-01W</i> | <i>0-0.5ft</i> | <i>1</i> | | | <i>X</i> | | | | | | <i>01/31/24</i> | <i>12:06</i> | <i>Chloride</i> |
| | | | | | | | | | | | | | | <i>TPH (GRO+DRO+MPO)</i> |
| | | | | | | | | | | | | | | <i>BTEX (Benzene)</i> |

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Relinquished By: *[Signature]*

Date: *8/11/24*
Time: *8:47*

Received By: *[Signature]*
Date: *8/11/24*
Time: *8:47*

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C: *3.40*
Corrected Temp. °C:

Turnaround Time: *Standard*
Thermometer ID #140
Correction Factor 9°C

Sample Condition: Intact Cool Yes No

Checked By: *[Signature]*

Bacteria (only) Sample Condition: Cool Intact Yes No

Corrected Temp. °C:



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February 21, 2024

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: CONTANGO - RECLAIM - ADOBE STATES

Enclosed are the results of analyses for samples received by the laboratory on 02/16/24 16:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 01 A 3FT (H240767-01)

| 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 | 02/19/2024 | ND | 2.00 | 100 | 2.00 | 11.2 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.98 | 98.9 | 2.00 | 11.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.94 | 97.2 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.66 | 94.4 | 6.00 | 12.3 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.51 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 205 | 103 | 200 | 0.713 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 191 | 95.4 | 200 | 1.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 02 A 3FT (H240767-02)

| 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 | 02/19/2024 | ND | 2.00 | 100 | 2.00 | 11.2 | | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.98 | 98.9 | 2.00 | 11.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.94 | 97.2 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.66 | 94.4 | 6.00 | 12.3 | | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.51 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 205 | 103 | 200 | 0.713 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 191 | 95.4 | 200 | 1.25 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 03 A 3FT (H240767-03)

| 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 | 02/19/2024 | ND | 2.00 | 100 | 2.00 | 11.2 | | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.98 | 98.9 | 2.00 | 11.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.94 | 97.2 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.66 | 94.4 | 6.00 | 12.3 | | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.51 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 02/20/2024 | ND | 205 | 103 | 200 | 0.713 | | |
| DRO >C10-C28* | 36.0 | 10.0 | 02/20/2024 | ND | 191 | 95.4 | 200 | 1.25 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/20/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 04 A 3FT (H240767-04)

| 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 | 02/19/2024 | ND | 2.00 | 100 | 2.00 | 11.2 | | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.98 | 98.9 | 2.00 | 11.4 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.94 | 97.2 | 2.00 | 12.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.66 | 94.4 | 6.00 | 12.3 | | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.51 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 02/20/2024 | ND | 205 | 103 | 200 | 0.713 | | |
| DRO >C10-C28* | 205 | 10.0 | 02/20/2024 | ND | 191 | 95.4 | 200 | 1.25 | | |
| EXT DRO >C28-C36 | 93.9 | 10.0 | 02/20/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 05 A 3FT (H240767-05)

| 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 | 02/19/2024 | ND | 2.00 | 100 | 2.00 | 11.2 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.98 | 98.9 | 2.00 | 11.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.94 | 97.2 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.66 | 94.4 | 6.00 | 12.3 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.51 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | 405 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | 188 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 06 A 3FT (H240767-06)

| 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 | 02/19/2024 | ND | 2.00 | 100 | 2.00 | 11.2 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.98 | 98.9 | 2.00 | 11.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.94 | 97.2 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.66 | 94.4 | 6.00 | 12.3 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.51 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | 128 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | 25.6 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 07 A 3FT (H240767-07)

| 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 | 02/19/2024 | ND | 2.00 | 100 | 2.00 | 11.2 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.98 | 98.9 | 2.00 | 11.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.94 | 97.2 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.66 | 94.4 | 6.00 | 12.3 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.51 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | 227 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | 80.2 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 08 A 3FT (H240767-08)

| 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 | 02/19/2024 | ND | 2.00 | 100 | 2.00 | 11.2 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.98 | 98.9 | 2.00 | 11.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 1.94 | 97.2 | 2.00 | 12.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.66 | 94.4 | 6.00 | 12.3 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.51 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 09 A 3FT (H240767-09)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 10 A 3FT (H240767-10)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 01 B 3FT (H240767-11)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 02 B 3FT (H240767-12)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 03 B 3FT (H240767-13)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 400 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 04 B 3FT (H240767-14)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 05 B 3FT (H240767-15)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 06 B 3FT (H240767-16)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-04 |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 02/20/2024 | ND | 214 | 107 | 200 | 2.35 | | |
| DRO >C10-C28* | 628 | 10.0 | 02/20/2024 | ND | 199 | 99.3 | 200 | 1.13 | | |
| EXT DRO >C28-C36 | 339 | 10.0 | 02/20/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 139 % 48.2-134

Surrogate: 1-Chlorooctadecane 187 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 07 B 3FT (H240767-17)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/20/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | 287 | 10.0 | 02/20/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | 185 | 10.0 | 02/20/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 08 B 3FT (H240767-18)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Analytical Results For:

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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 09 B 3FT (H240767-19)

| 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 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 10 B 3FT (H240767-20)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 01 0-2FT (H240767-21)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 01 3FT (H240767-22)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 02 0-2FT (H240767-23)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 02 3FT (H240767-24)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 214 | 107 | 200 | 2.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 199 | 99.3 | 200 | 1.13 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Analytical Results For:

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 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 03 0-2FT (H240767-25)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 223 | 112 | 200 | 1.44 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 215 | 108 | 200 | 1.44 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 03 3FT (H240767-26)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 223 | 112 | 200 | 1.44 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 215 | 108 | 200 | 1.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 04 0-2FT (H240767-27)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 223 | 112 | 200 | 1.44 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 215 | 108 | 200 | 1.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 04 3FT (H240767-28)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.07 | 103 | 2.00 | 10.8 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.06 | 103 | 2.00 | 10.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.03 | 102 | 2.00 | 11.0 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 6.15 | 103 | 6.00 | 10.4 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 02/19/2024 | ND | 448 | 112 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/19/2024 | ND | 223 | 112 | 200 | 1.44 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 215 | 108 | 200 | 1.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Analytical Results For:

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 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 05 0-2FT (H240767-29)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 6.67 | | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 5.54 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 100 | 2.00 | 5.26 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.97 | 99.4 | 6.00 | 5.07 | | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| 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 | 02/19/2024 | ND | 432 | 108 | 400 | 7.14 | | |

| 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 | 02/19/2024 | ND | 223 | 112 | 200 | 1.44 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 215 | 108 | 200 | 1.44 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 59.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.3 % 49.1-148

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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 05 3FT (H240767-30)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 6.67 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 5.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 100 | 2.00 | 5.26 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.97 | 99.4 | 6.00 | 5.07 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 02/19/2024 | ND | 432 | 108 | 400 | 7.14 | |

| 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 | 02/20/2024 | ND | 223 | 112 | 200 | 1.44 | |
| DRO >C10-C28* | 240 | 10.0 | 02/20/2024 | ND | 215 | 108 | 200 | 1.44 | |
| EXT DRO >C28-C36 | 200 | 10.0 | 02/20/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Analytical Results For:

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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 11 3FT (H240767-31)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 6.67 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 5.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 100 | 2.00 | 5.26 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.97 | 99.4 | 6.00 | 5.07 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| 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 | 02/19/2024 | ND | 432 | 108 | 400 | 7.14 | |

| 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 | 02/19/2024 | ND | 223 | 112 | 200 | 1.44 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 215 | 108 | 200 | 1.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 06 0-2FT (H240767-32)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 6.67 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 5.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 100 | 2.00 | 5.26 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.97 | 99.4 | 6.00 | 5.07 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| 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 | 02/19/2024 | ND | 432 | 108 | 400 | 7.14 | |

| 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 | 02/19/2024 | ND | 223 | 112 | 200 | 1.44 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 215 | 108 | 200 | 1.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 02/16/2024 | Sampling Date: | 02/16/2024 |
| Reported: | 02/21/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS - 06 3FT (H240767-33)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 6.67 | |
| Toluene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 101 | 2.00 | 5.54 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/19/2024 | ND | 2.01 | 100 | 2.00 | 5.26 | |
| Total Xylenes* | <0.150 | 0.150 | 02/19/2024 | ND | 5.97 | 99.4 | 6.00 | 5.07 | |
| Total BTEX | <0.300 | 0.300 | 02/19/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| 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 | 02/19/2024 | ND | 432 | 108 | 400 | 7.14 | |

| 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 | 02/19/2024 | ND | 223 | 112 | 200 | 1.44 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/19/2024 | ND | 215 | 108 | 200 | 1.44 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/19/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS 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

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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: McNabb Partners Project Manager: Andrew Parker Address: Dn-Fire City: State: Zip: Phone #: Fax #: Project #: Project Owner: Contmigo Project Name: Contmigo-reclaim-Adobe States Project Location: Adobe States Sampler Name: Chris Topper Turner FOR LAB USE ONLY | | BILL TO P.O. #: Contmigo-reclaim-Adobe States Company: McNabb Partners Attn: Andrew P McNabb Partners, CA Address: City: State: Zip: Phone #: Fax #: | |
| Sample I.D. H2407147 Lab I.D. | | ANALYSIS REQUEST | |
| 1 BS-01a 3FF 57 (G)RAB OR (C)OMP. 2 BS-02a 3FF 1 # CONTAINERS 3 BS-03a 3FF 4 BS-04a 3FF 5 BS-05a 3FF 6 BS-06a 3FF 7 BS-07a 3FF 8 BS-08a 3FF 9 BS-09a 3FF 10 BS-10a 3FF | MATRIX GROUNDWATER WASTEWATER SOIL X OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : | PRESERV. DATE 02.16.24 TIME 10:04 10:12 10:18 10:27 10:35 10:50 10:57 11:03 11:10 11:21 | ANALYSIS REQUEST X Chloride X TPH (GRO+DRO+MRO) X BTEX (Benzene) |
| Relinquished By: [Signature] Date: 02.16.2024 Time: 10:32 Date: 10:32 Time: | | Received By: [Signature] Date: Time: | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Observed Temp. °C 4.70 Corrected Temp. °C Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Signature] (Initials) | |
| Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor 0°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS: | |

† 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

Company Name: McNabb Partners
 Project Manager: Andrew Parker
 Address: On-File
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: Contango
 Project Name: Contango - Reclaim - Adobe States
 Project Location: Adobe States
 Sampler Name: Christopher Turner
 P.O. #: Contango-reclaim-adobe states
 Company: McNabb Partners
 Attn: andrew@mcnabbpartners.com
 Address: _____ City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

| Sample I.D. | FOR LAB USE ONLY | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | | PRESERV. | DATE | TIME | ANALYSIS REQUEST |
|-------------|------------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|------------|----------|-------|---------------------|------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | | | | |
| 11 BS-01b | | | 3F4 | | | X | | | | X | 02.16.24 | 11:48 | X Chloride | |
| 12 BS-02b | | | 3F4 | | | | | | | | 12:02 | 12:08 | X TPH (GRO+MRO+DRO) | |
| 13 BS-03b | | | 3F4 | | | | | | | | 12:11 | 12:15 | X BTEX (Benzene) | |
| 14 BS-04b | | | 3F4 | | | | | | | | 12:24 | 12:30 | | |
| 15 BS-05b | | | 3F4 | | | | | | | | 12:34 | 12:39 | | |
| 16 BS-06b | | | 3F4 | | | | | | | | | | | |
| 17 BS-07b | | | 3F4 | | | | | | | | | | | |
| 18 BS-08b | | | 3F4 | | | | | | | | | | | |
| 19 BS-09b | | | 3F4 | | | | | | | | | | | |
| 20 BS-10b | | | 3F4 | | | | | | | | | | | |

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Relinquished By: _____ Date: 02.16.2024
 Received By: _____ Date: 10:30
 Relinquished By: _____ Time: _____
 Received By: _____ Time: _____

Delivered By: (Circle One) Observed Temp. °C 4.70c Sample Condition: Cool Intact
 Cooler: Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C _____
 Checked By: _____ (Initials)
 Turnaround Time: _____ Standard Rush
 Thermometer ID #140 Correction Factor 0°C _____ Bacteria (only) Sample Condition: Cool Intact
 Yes No Observed Temp. °C _____
 Corrected Temp. °C _____

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: McNabb Partners
 Project Manager: Andrew Parker
 Address: On-File
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: Contampr-reclaim-addressstarts
 Project Location: Address starts
 Sampler Name: Christopher Turner
 P.O. #: Contampr-reclaim-addressstarts
 Company: McNabb Partners
 Attn: Andrew@mcnabblabs.com
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

| Sample I.D. | FOR LAB USE ONLY | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | PRESERV. | DATE | TIME | ANALYSIS |
|-------------|------------------|-------------------|--------------|-------------|------------|------|-----|--------|---------|----------|------------|------|---------------------|
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | | | | |
| 01 WS-01 | 0-2 FF | C | 1 | | | X | | | | | 02.16.2024 | 1:15 | X Chloride |
| 02 WS-01 | 3FF | | | | | | | | | | | 1:22 | X TPH (GRO+DRO+MRO) |
| 03 WS-02 | 0-2FF | | | | | | | | | | | 1:28 | X BTEX (Benzene) |
| 04 WS-02 | 3FF | | | | | | | | | | | 1:32 | |
| 05 WS-03 | 0-2FF | | | | | | | | | | | 1:42 | |
| 06 WS-03 | 3FF | | | | | | | | | | | 1:47 | |
| 07 WS-04 | 0-2FF | | | | | | | | | | | 9:53 | |
| 08 WS-04 | 3FF | | | | | | | | | | | 9:57 | |
| 09 WS-05 | 0-2FF | | | | | | | | | | | 1:52 | |
| 10 WS-05 | 3FF | | | | | | | | | | | 1:55 | |

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Relinquished By: _____ Date: 4/16/24 Time: 10:38
 Received By: _____ Date: _____ Time: _____
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____

Delivered By: (Circle One) Observed Temp. °C 4.7a Sample Condition: Intact Cool Yes No Intact Yes No
 Corrected Temp. °C _____
 Turnaround Time: _____ Standard Rush
 Thermometer ID #140 Bacteria (only) Sample Condition: Cool Intact Yes No Intact Yes No
 Correction Factor 0°C _____ Observed Temp. °C _____ Corrected Temp. °C _____
 FORM 0007-3-24 07/11/23 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

March 11, 2024

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: CONTANGO - RECLAIM - ADOBE STATES

Enclosed are the results of analyses for samples received by the laboratory on 03/06/24 13:34.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 04 A 4.5' (H241122-01)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 05 A 4.5' (H241122-02)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 06 A 4.5' (H241122-03)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 06 B 4.5' (H241122-04)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 07 A 4.5' (H241122-05)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: BS - 07 B 4.5' (H241122-06)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS- 05.1 0-2' (H241122-07)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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 HOBBS NM, 88240
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| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS- 05.1 2-4' (H241122-08)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|-----------------|
| Received: | 03/06/2024 | Sampling Date: | 03/06/2024 |
| Reported: | 03/11/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | ** (See Notes) |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Dionica Hinojos |
| Project Location: | CONTANGO | | |

Sample ID: WS- 05.1 4.5' (H241122-09)

| 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 | 03/08/2024 | ND | 2.12 | 106 | 2.00 | 2.31 | |
| Toluene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.11 | 105 | 2.00 | 2.45 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/08/2024 | ND | 2.05 | 103 | 2.00 | 2.39 | |
| Total Xylenes* | <0.150 | 0.150 | 03/08/2024 | ND | 6.22 | 104 | 6.00 | 2.02 | |
| Total BTEX | <0.300 | 0.300 | 03/08/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 03/08/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/07/2024 | ND | 202 | 101 | 200 | 2.75 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/07/2024 | ND | 197 | 98.7 | 200 | 2.43 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/07/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

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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: McNabb Partners
 Project Manager: Andrew Parker
 Address: On-File
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: Contango
 Project Name: Contango-Reclaim-Adobe State 5
 Project Location: Adobe State 5
 Sampler Name: Christopher Turner

P.O. #: Contango-Reclaim-Adobe State 5
 Company: McNabb Partners
 Address: Andrew Parker
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

| Sample I.D. | (G)RAB OR (C)OMP | # CONTAINERS | MATRIX | | | | | | | DATE | TIME | ANALYSIS REQUEST |
|----------------|------------------|--------------|-------------|------------|----------|-----|--------|-------|---|-----------------|--------------|----------------------------|
| | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER | ACID/BASE: <input checked="" type="checkbox"/> ICE <input type="checkbox"/> COOL | | | |
| <u>BS-04a</u> | <u>C</u> | <u>1</u> | | | <u>X</u> | | | | <u>X</u> | <u>03.06.24</u> | <u>9:41</u> | <u>X Chloride</u> |
| <u>BS-05a</u> | <u>C</u> | <u>1</u> | | | | | | | | | <u>9:32</u> | <u>X TPH (GRO+DRO+MRO)</u> |
| <u>BS-06a</u> | <u>C</u> | <u>1</u> | | | | | | | | | <u>11:52</u> | <u>X BTEX (Benzene)</u> |
| <u>BS-06b</u> | <u>C</u> | <u>1</u> | | | | | | | | | <u>11:45</u> | |
| <u>BS-07a</u> | <u>C</u> | <u>1</u> | | | | | | | | | <u>11:39</u> | |
| <u>BS-07b</u> | <u>C</u> | <u>1</u> | | | | | | | | | <u>11:35</u> | |
| <u>WS-05.1</u> | <u>C</u> | <u>1</u> | | | | | | | | | <u>11:58</u> | |
| <u>WS-05.1</u> | <u>C</u> | <u>1</u> | | | | | | | | | <u>12:02</u> | |
| <u>WS-05.1</u> | <u>C</u> | <u>1</u> | | | | | | | | | <u>12:02</u> | |

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Relinquished By: [Signature] Date: 03.06.24 Time: 13:34
 Received By: [Signature] Date: _____ Time: _____
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:

Delivered By: (Circle One) UPS Bus Other: _____
 Observed Temp. °C: 6.10C Corrected Temp. °C: _____
 Sample Condition: Cool Intact Yes No
 CHECKED BY: (Initials) [Signature]
 Turnaround Time: _____ Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Corrected Temp. °C: _____

REMARKS: Temp Blank 290C
 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

March 25, 2024

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: CONTANGO - RECLAIM - ADOBE STATES

Enclosed are the results of analyses for samples received by the laboratory on 03/19/24 10:52.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 03/19/2024 | Sampling Date: | 03/19/2024 |
| Reported: | 03/25/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Tamara Oldaker |
| Project Location: | CONTANGO | | |

Sample ID: BS - 12 4.5FT (H241412-01)

| 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 | 03/21/2024 | ND | 2.15 | 107 | 2.00 | 3.91 | |
| Toluene* | <0.050 | 0.050 | 03/21/2024 | ND | 2.32 | 116 | 2.00 | 9.48 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/21/2024 | ND | 2.44 | 122 | 2.00 | 10.9 | |
| Total Xylenes* | <0.150 | 0.150 | 03/21/2024 | ND | 7.42 | 124 | 6.00 | 11.0 | |
| Total BTEX | <0.300 | 0.300 | 03/21/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 03/21/2024 | ND | 464 | 116 | 400 | 7.14 | |

| 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 | 03/20/2024 | ND | 204 | 102 | 200 | 2.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/20/2024 | ND | 192 | 95.8 | 200 | 5.28 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/20/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | |
|---|--|--|--|
| Company Name: <u>McNabb Partners</u> Project Manager: <u>Andrew Parker</u> Address: <u>On-File</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: <u>Christy Contumpo</u> Project Name: <u>Contumpo - reclaim - adobe starts</u> Project Location: <u>Adobe State 5</u> Sampler Name: <u>Christopher Turner</u> | | BILL TO P.O. #: <u>Contumpo - reclaim - adobe starts</u> Company: <u>McNabb Partners</u> Address: <u>att:andrew@mcnabbpartners.com</u> City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ | |
| Lab I.D. <u>H241412</u> Sample I.D. <u>BS-12</u> (G)RAB OR (C)OMP. <u>C</u> # CONTAINERS <u>1</u> MATRIX: <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER: <input checked="" type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____ | | DATE <u>05.14.24</u> TIME <u>9:24</u> PRESERV: _____ SAMPLING: _____ | |
| Relinquished By: <u>[Signature]</u> Date: <u>05.14.24</u> Time: <u>10:58</u> | | Received By: <u>[Signature]</u> Date: _____ Time: _____ | |
| Delivered By: (Circle One) <u>Observed</u> Observed Temp. °C <u>23</u> Corrected Temp. °C _____ Sampler - UPS - Bus - Other: _____ | | Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>[Signature]</u> (Initials) | |
| Turnaround Time: _____ Thermometer ID #140 Correction Factor 0°C | | 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: _____ | |
| Standard <input checked="" type="checkbox"/> RUSH Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | | Observed Temp. °C _____ Corrected Temp. °C _____ | |

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



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

April 01, 2024

ANDREW PARKER
MC NABB SERVICES
P. O. BOX 5753
HOBBS, NM 88240

RE: CONTANGO - RECLAIM - ADOBE STATES

Enclosed are the results of analyses for samples received by the laboratory on 03/25/24 14:52.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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Analytical Results For:

MC NABB SERVICES
 ANDREW PARKER
 P. O. BOX 5753
 HOBBS NM, 88240
 Fax To: (575) 391-8484

| | | | |
|-------------------|-----------------------------------|---------------------|----------------|
| Received: | 03/25/2024 | Sampling Date: | 03/25/2024 |
| Reported: | 04/01/2024 | Sampling Type: | Soil |
| Project Name: | CONTANGO - RECLAIM - ADOBE STATES | Sampling Condition: | Cool & Intact |
| Project Number: | ADOBE STATE 5 | Sample Received By: | Tamara Oldaker |
| Project Location: | CONTANGO | | |

Sample ID: BACKFILL MATERIAL (H241549-01)

| 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 | 03/27/2024 | ND | 2.17 | 108 | 2.00 | 6.53 | |
| Toluene* | <0.050 | 0.050 | 03/27/2024 | ND | 2.17 | 109 | 2.00 | 5.75 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/27/2024 | ND | 2.27 | 114 | 2.00 | 8.08 | |
| Total Xylenes* | <0.150 | 0.150 | 03/27/2024 | ND | 6.83 | 114 | 6.00 | 8.04 | |
| Total BTEX | <0.300 | 0.300 | 03/27/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 03/27/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/26/2024 | ND | 209 | 105 | 200 | 0.265 | |
| DRO >C10-C28* | <10.0 | 10.0 | 03/26/2024 | ND | 204 | 102 | 200 | 0.439 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 03/26/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Appendix D

SLO Reclamation Plan



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



February 14, 2024 (Revised)

Environmental Compliance Office
New Mexico State Land Office
1300 W Broadway Avenue, Suite A
Bloomfield, NM 87413

RE: Reclamation Workplan
Adobe State #005
Right of Entry Permit: RE-6717
API: 30-025-37612/SLO Lease #: B0-0934-0047
Contango Resources, LLC
Unit L, Section 17, T22 S, R37 E, Lea County, NM
Lat Long: 32.3890977, -103.1903430

Contango Resources, LLC respectfully submits the following reclamation plan for the above location.

1. Exhibit A - Site Map with labeled improvements. The tank battery and associated equipment is currently being decommissioned and will be removed off-site for proper disposal. The P&A'd wellhead is identified with a dry hole marker.
2. Access and driving directions: From Eunice, proceed south on State Highway 207 approx. 2.5 miles; East on Delaware Basin Road (County Road 21) approx. 3.2 miles; south on unnamed lease road approx. 0.66 miles to location.
3. Right-of-Entry Permit #: RE-6717
4. Site description
 - a. Site Use: Caliche Pad and lease access road used for oil and gas production. Well has been plugged and abandoned (6/8/2023).
 - b. Likely future use: Possible grazing
 - c. Topography: Nearly level, gentle slope
 - d. Vegetation: The surrounding undisturbed vegetation is predominantly undesirable mesquite with occasional shinnery oak and limited grasses (Figure 1).



Figure 1: View of vegetation on adjacent undisturbed land.
Date: 2023-08-30 12:31:40; GPS: 32.390600, -103.191579

e. Soil Type¹:

SW portion of site:

Berino-Cacique loamy fine sands association, 0-3 percent slope

Berino and similar soils: 50 percent

- A - 0 to 6 inches: loamy fine sand
- Btk - 6 to 60 inches: sandy clay loam

Cacique and similar soils: 40 percent

- A - 0 to 12 inches: loamy fine sand
- Bt - 12 to 28 inches: sandy clay loam
- Bkm - 28 to 38 inches: cemented material

NE portion of site:

Ratliff-Wink fine sandy loams

Ratliff and similar soils: 45 percent, 0-3 percent slope

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

Wink and similar soils: 40 percent

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

¹ NRCS Field Guide and the NRCS web survey tool (<https://websoilsurvey.nrcs.usda.gov/app/>)

5. Assessment of soil suitability

a. Special Soil Conditions:

i. Historical Information:

- A. NRM2012750397: Release of 15 bbls of crude oil from pinhole in flowline within Tank battery lined containment on 4/27/2020. Vacuum truck recovered 15 bbls. Liner was washed and inspected, noted to be intact. NMOCD closure 5/29/2020. Upon tank battery decommissioning, soils will be evaluated for impairment. If impacted soils are identified, the soil will be remediated per 19.15.29 NMAC.
- B. Prior NMOCD approved pit closure (8/2/2006) with restoration immediately to the west of the current site. The former reserve pit shows signs of successful revegetation.

ii. Prior soil sampling activities: No known soil sampling. A current EM survey implies no significant chlorides present in the upper 4-feet, where calculated $EC_e < 4dS/m$. We encourage the reader to review the "EM Survey Orientation" presented in Appendix A if not familiar with EM technology.

- Exhibit B – Metal Interference. (1.3 to 4.9 ft below ground surface). Dark blue and yellow shading indicates metal interference. A tank battery at the southern extent and a buried pipeline transection the middle portion of the production pad from north to south caused metal interference. The metal interference was filtered out during EC_e post-processing.
- Exhibit C - Calculated EC_{eh} (0 – 1.3 ft bgs).
- Exhibit D - Calculated EC_{ev} (1.3 – 4.9 feet bgs).

iii. Site visit: No evidence of current staining or crusting of soil. Concrete washout and crushed gravel were observed on-site during the site visit and will be managed appropriately. Figures 2 and 3 show site conditions during the site visit.



Figure 2: View of pad facing south from the northern edge of the pad. Date Taken: 2023-08-30 13:31:09; GPS: 32.389425, -103.190187



Figure 3: View of well pad facing north from the southern well pad extent. The grey staining in the background is concrete washout/gravel. Date Taken: 2023-08-30 13:32:53; GPS: 32.389005, -103.190061

- b. If special soil conditions are identified during reclamation, a sampling plan will include:
 - i. Site characterization
 - ii. Map showing sampling grid and sample locations.
 - iii. Narrative description of sampling activities – sample collection technique
 - iv. Sample result parameters
 - v. Laboratory analytical results.
 - c. If soil samples exceed parameters for “clean” soil a remediation/mitigation plan will be submitted to NMSLO prior to implementation. If there is a high level of suspicion that there are impacted soils prior to sampling, a remediation plan may be submitted at the time of the sampling plan.
6. Removal of all equipment, litter, and debris
7. Remediation and disposal of any impacted soil, if encountered during reclamation, will occur in compliance with 19.15.29.12 NMAC and include:
- a. Confirmation soil sample results in relation to constituents of concern listed on 19.15.29.12 NMAC Table 1 Closure Criteria
 - b. Photos of remediation activities.
8. Areas subject to remediation will be backfilled with clean, non-impacted soil, contoured to match surrounding topography, followed by compaction and surface ripping prior to application of 1 ft of clean topsoil.
9. Areas where remediation is not required will be reclaimed with the following technique based on site conditions including soil type and depth.
- a. Soil Flipping approval is requested due to site suitability: Site is a caliche pad. Suitability soil test hole to 1.75 ft below ground surface (Figure 4, below) at the northwest corner of production pad reveals soil is sandy loam, suitable for flipping, consistent with NRCS web soil survey described above in section 4 e.
 - i. Unsuitable soils (caliche pad and access road) will be excavated and stockpiled.
 - ii. Clean soils beneath excavated soils will be pushed-up and stockpiled, creating a trench for encapsulation. See Appendix B for dimensions and location of proposed caliche encapsulation trench.
 - iii. Unsuitable soils will be placed in the encapsulation trench, and
 - iv. Stockpiled suitable soils will be replaced on top of unsuitable soils.



Figure 4: Lithology test hole, northwest corner of production pad.
Date: 2023-08-30 13:31:09; GPS: 32.3893995, -103.1905543

10. Site specific soil contouring: This site is generally flat and limited contouring required to match surrounding topography.
11. The production site and access road will be cross ripped to a minimum of 18 inches with a furrow spacing of 2 feet.
12. If needed, due to inadequate soil coverage, clean, non-impacted topsoil will be imported and placed at a depth of 6-12 inches for final seedbed preparation. Topsoil will be placed to match the surface level of surrounding landscape, imitating the original landform as much as possible.
13. Seed Mixture: Certified weed free NMSLO Sandy Loam Seed Mixture to provide site with more desirable native vegetation.
14. Timing of seeding: within 2 weeks following completion of final seedbed preparation (optimal time to seed is prior to or early in monsoon season).
15. Seed application technique: Broadcast seeding followed by dragging or chaining.
16. Erosion Control: The area is generally level so erosion control measures will include revegetation with contouring of the surface to limit opportunities for concentrated surface water flow.
17. Mulching, as-needed.
18. The reclaimed access road will be bermed at the entrance to discourage vehicles from entering the reclaimed area. The berm will be broadcast seeded to encourage stabilization.
19. Photo documentation of remediation, reclamation activities will be obtained.
20. Monitoring plan
 - a. The site will be monitored for vegetation growth to ensure that reclamation and reseeded activities were sufficient.

- b. The site will be evaluated for soil stabilization, erosion, and invasive and noxious species.
 - c. Noxious and invasive weeds will be identified and treated or mechanically removed.
 - d. Inspections will occur annually until revegetation is consistent with local natural vegetation density.
 - e. When revegetation is completed, NMSLO will be notified for final inspection.
21. Implementation schedule:
- a. Upon approval of remediation/reclamation workplan, the project will be completed within 4 weeks following workplan approval.

Please contact me with any questions.

Sincerely,



Andrew Parker (on behalf of Contango Resources)

andrew@mcnabbpartners.com

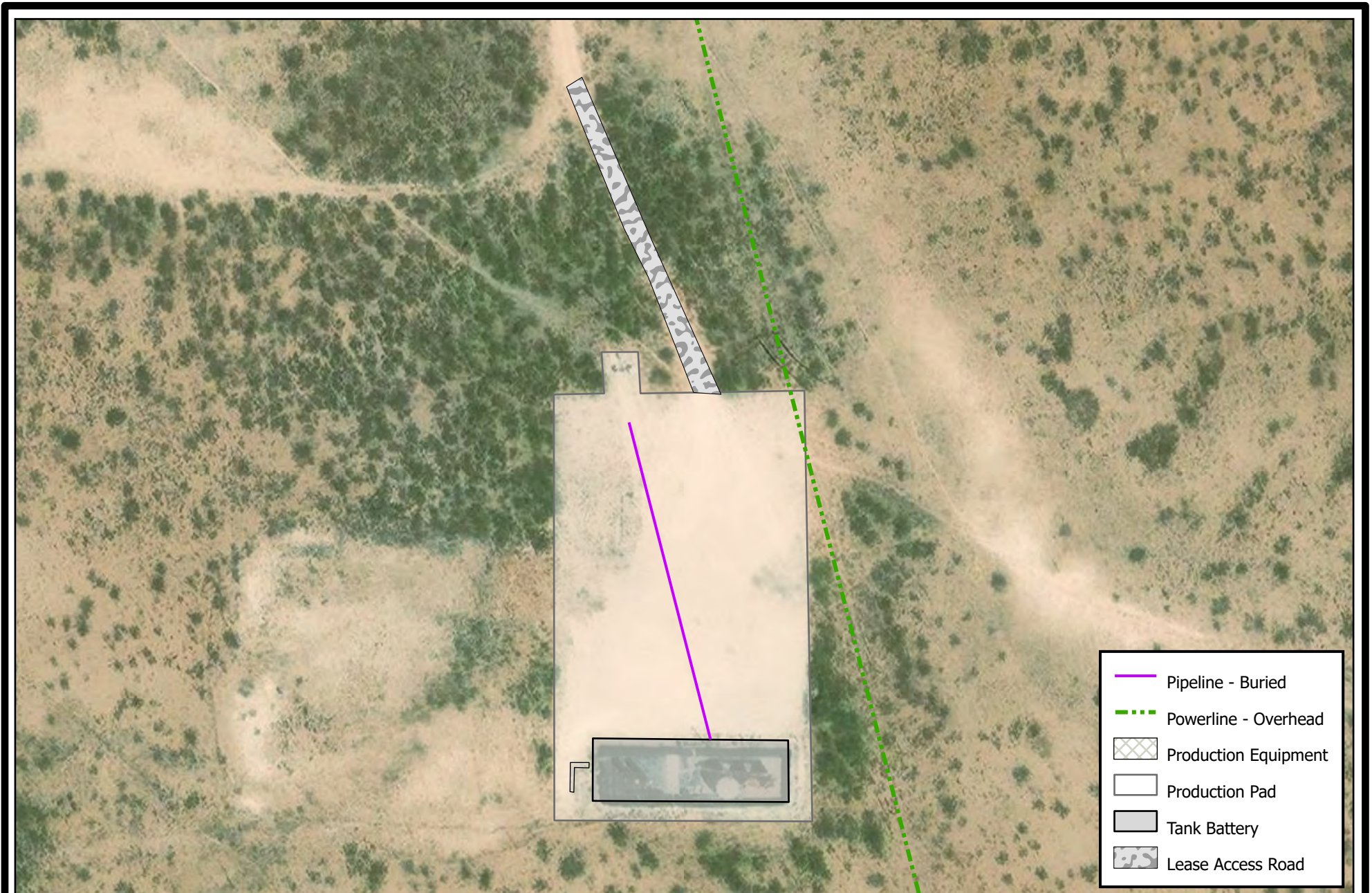
970-570-9535

McNabb Partners, LLC

Exhibits



McNabb Partners, LLC
Hobbs • Carlsbad • Midland



- Pipeline - Buried
- Powerline - Overhead
- Production Equipment
- Production Pad
- Tank Battery
- Lease Access Road



0 50 100
US Feet

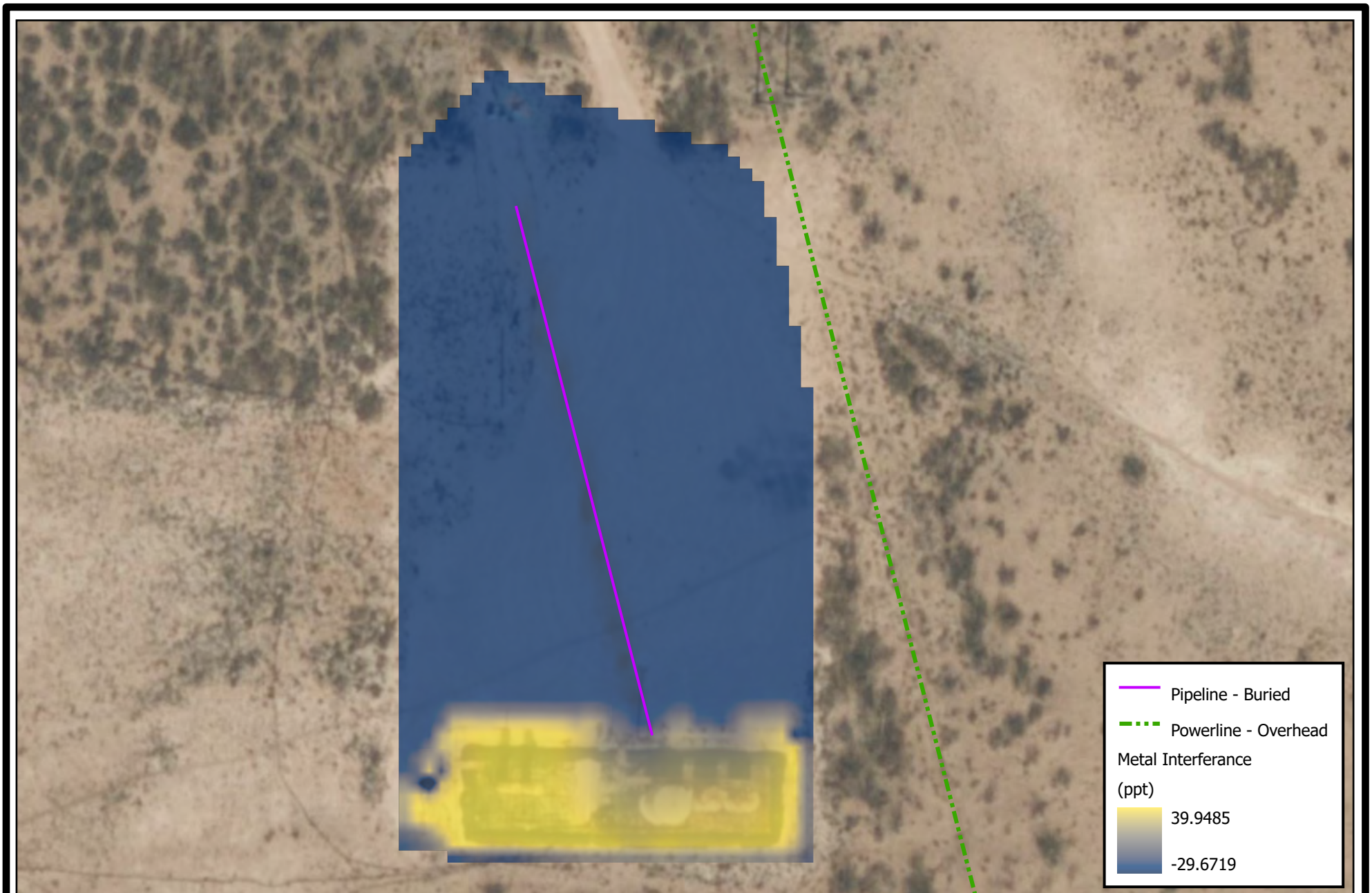


Site Map

Exhibit A

Adobe State 5 Reclamation
Prj. ID: contango-reclaim-adobeState5

10/02/2023

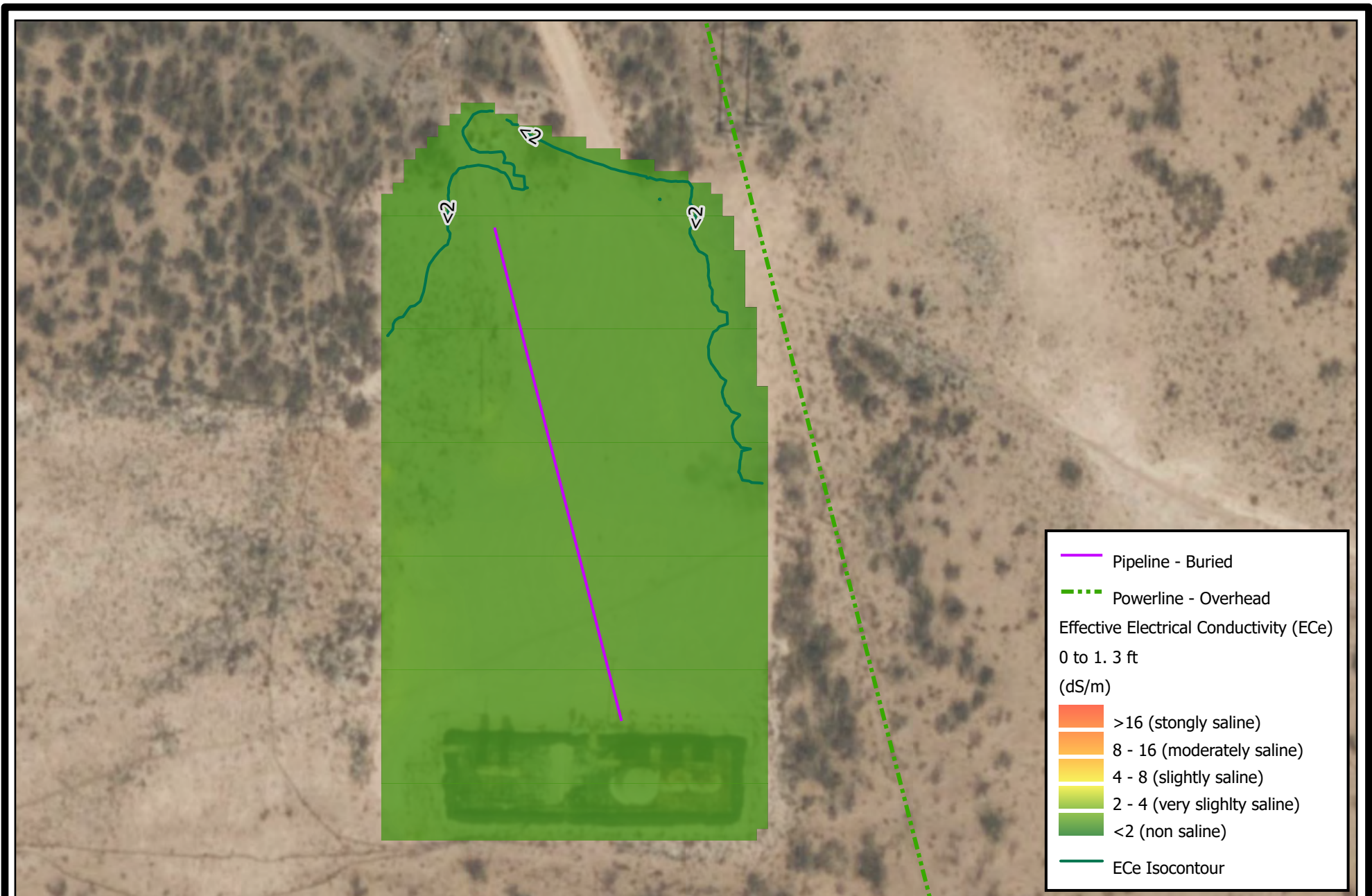


0 25 50
US Feet



EM Survey
Metal Interference
Adobe State 5 Reclamation
Prj. ID: contango-reclaim-adobeState5

Exhibit B
Survey Date
10/02/2023



— Pipeline - Buried

- - - Powerline - Overhead

Effective Electrical Conductivity (ECe)
0 to 1.3 ft
(dS/m)

- >16 (strongly saline)
- 8 - 16 (moderately saline)
- 4 - 8 (slightly saline)
- 2 - 4 (very slightly saline)
- <2 (non saline)

— ECe Isocontour

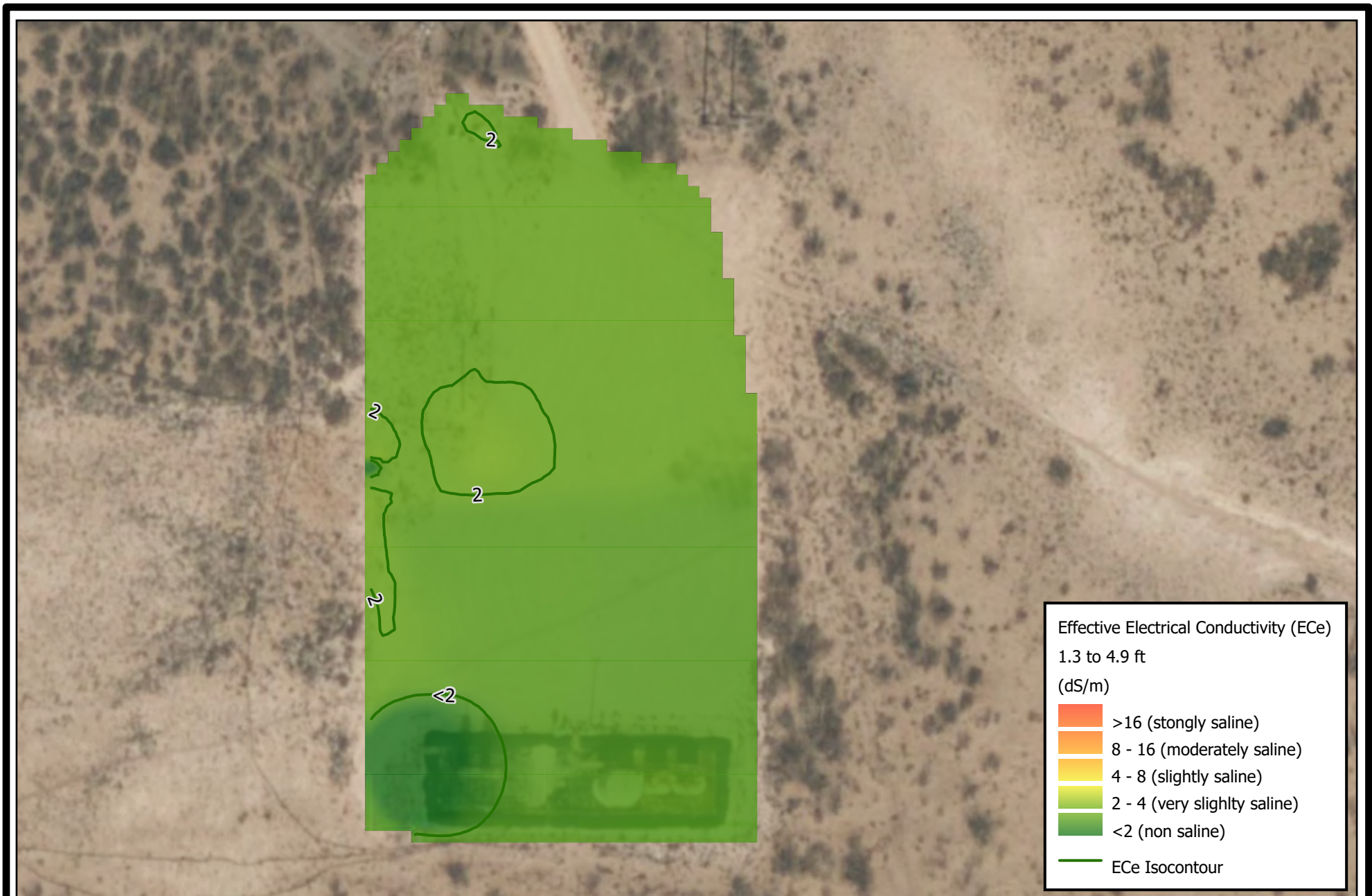
N
W —+— E
S

0 30 60
US Feet

McNabb Partners, LLC
Hobbs • Carlsbad • Midland

EM Survey
Calculated ECe (0-1.3 ft)
Adobe State 5 Reclamation
Prj. ID: contango-reclaim-adobeState5

Exhibit C
Survey Date
10/02/2023



0 30 60
US Feet



EM Survey
Calculated ECe (1.3-4.9)
Adobe State 5 Reclamation
Prj. ID: contango-reclaim-adobeState5

Exhibit D
Survey Date
10/02/2023

Appendix A

EM Survey Orientation



McNabb Partners, LLC
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Electromagnetic Induction Survey Orientation

Electromagnetic Induction Surveys (EM Surveys) are commonly used to measure apparent electrical conductivity (ECa, “soil salinity”) in soils without intrusive sampling. Employing a Geonics EM38-MK2 (Exhibit 1), field personnel can effectively delineate the horizontal extent of saline soils by measuring ECa and monitoring for ECa changes between background and higher EC readings.



Exhibit 1: Measuring ECa with the EM38 in the horizontal dipole position.

The EM Survey is conducted in the horizontal (h) and vertical (v) dipole modes at 0.5 and 1.0-meter coil separations. The EM38 can effectively measure salinity to a depth of 1-meter (4.9-feet). Sensitivity to surface material is presented in Table 1 and Figures 1a & 1b. Each coil separation and dipole mode listed in Table 1 is recorded by the EM38; allowing for the evaluation of salinity relative to depth over the four (4) depth ranges. The EM38 can record up to 5 measurements per second.

| Coil Separation meters | Dipole Mode | Greatest Sensitivity meters (feet) | Relative Range | |
|---------------------------|-------------|---------------------------------------|----------------|--------------|
| | | | Depth (meters) | Depth (feet) |
| 0.5 | Horizontal | 0 | 0 - 0.4 | 0 - 1.3 |
| | Vertical | 0.2 (0.66) | 0.2 - 0.8 | 0.7 - 2.5 |
| 1 | Horizontal | 0 | 0 - 0.8 | 0 - 2.5 |
| | Vertical | 0.4 (1.31) | 0.4 - 1.5 | 1.3 - 4.9 |

Table 1: EM38-MK2 Sensitivity Ranges

Electromagnetic Induction Survey Orientation

The difference in sensitivity ranges in the two coil configurations and dipole modes is important; the horizontal dipole mode will be relatively sensitive to variations near surface whereas the vertical dipole mode will be insensitive near the surface and sensitive at greater depths. This difference in sensitivity allows for a quick method for determining whether the near surface soil is more conductive (higher salinity) than soils at depth, where

if a higher EC_a reading is obtained in the horizontal position than the vertical position, chloride has likely impacted the upper surface more than soils at lower depths. If a higher EC_a reading is obtained in the vertical position than the horizontal position, chloride has likely impacted soils at lower depths than the upper surface soils.

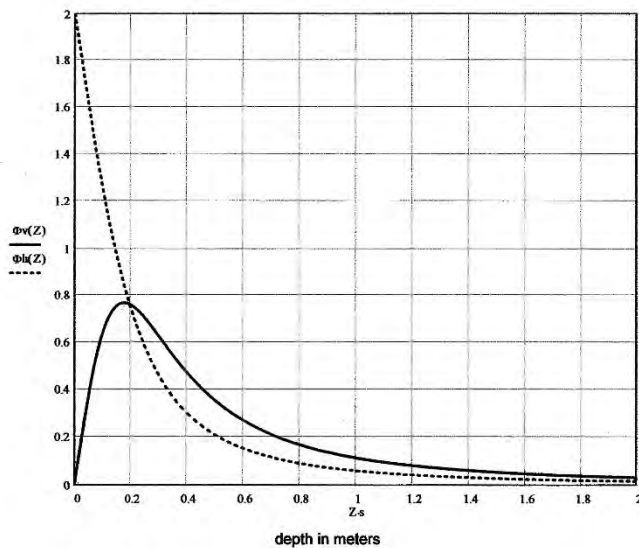


Figure 1a: 0.5-meter coil separation. Relative sensitivity with depth. Dashed line horizontal dipole mode. Solid line vertical dipole mode.

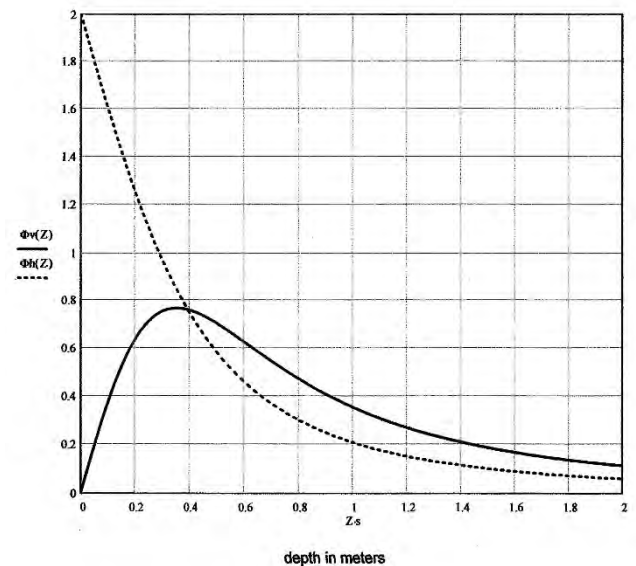


Figure 1b: 1.0-meter coil separation. Relative sensitivity with depth. Dashed line horizontal dipole mode. Solid line vertical dipole mode.

It is important to note that the EM38 is very susceptible to metal and electrical interferences. A metal object small as a steel nail can cause the apparent electrical conductivity to read high or go negative. EM Surveys near pipelines, wellheads, tank batteries, and powerlines must account for these interferences. The EM38 records both metal susceptibility and EC_a during each measurement.

Electromagnetic Induction Survey Orientation

ECa concentrations measured by the Geonics EM38-MK2 instrument can be converted into effective electrical conductivity (ECe) concentrations using the generalized equation $ECe = 5ECa^{1,2}$. ECe is commonly used to determine the soil salinity class to evaluate plant productivity. Soil ECe can also be analyzed in a laboratory setting.

The Natural Resources Conservation Service (NRCS) publishes salinity classes (Table 2) to determine the salinity of soils based on ECe concentrations. The New Mexico State Land Office *Revegetation Guidelines Handbook for Southeastern NM, Soil Suitability Criteria* adopted the NRCS salinity class that establishes an ECe < 4 dS/m as suitable soils for surface reclamations.

| NRCS Field Guide | |
|----------------------|------------|
| Salinity Class | ECe (dS/m) |
| Nonsaline | <2 |
| Very Slightly Saline | 2 - 4 |
| Slightly Saline | 4 - 8 |
| Moderately Saline | 8 - 16 |
| Strongly Saline | >16 |

Table 2: Salinity Classes as defined by Natural Resources Conservation Service (NRCS)

Furthermore, ECe can be estimated by using a set of conversion factors³ based on common soil types, where

$$\text{Eq 1. } ECe = EC_{1:5} \times CF$$

$EC_{1:5} = 20\text{ml soil}:100\text{ml deionized water then mix, let settle, and test}^4$.

| Hazelton Guide ² | CF |
|-----------------------------|----|
| Sand | 17 |
| Sandy Loam | 11 |
| Loam | 10 |
| Clay Loam | 9 |
| Light Medium Clay | 8 |
| Medium Clay | 7 |
| Heavy Clay | 6 |

Table 3: Conversion Factors (CF) to calculate between $EC_{1:5}$ and ECe.

¹ McNeill, J.D. 1986. Rapid Accurate Mapping of Soil Salinity by Electromagnetic Ground Conductivity Meters. Geonics Limited Technical Note TN-18, Geonics Ltd., Mississauga, ON.

² ECe is expressed in dS/m. ECa is expressed in mS/m. A conversion factor of 100 is applied to convert mS/m to dS/m. $ECe = 5(ECa/100)$.

³ Hazelton, P. A. and Murphy, B.W. ed. (1992) *What do all the numbers mean? A guide for the interpretation of Soil Test Results*. Department of Conservation and Land Management (incorporating the Soil Conservation Service of NSW), Sydney.

⁴ $EC_{1:5}$ is measured with a Hanna DiST4 EC Tester. $EC_{1:5}$ is commonly used for salinity field screening.

Electromagnetic Induction Survey Orientation

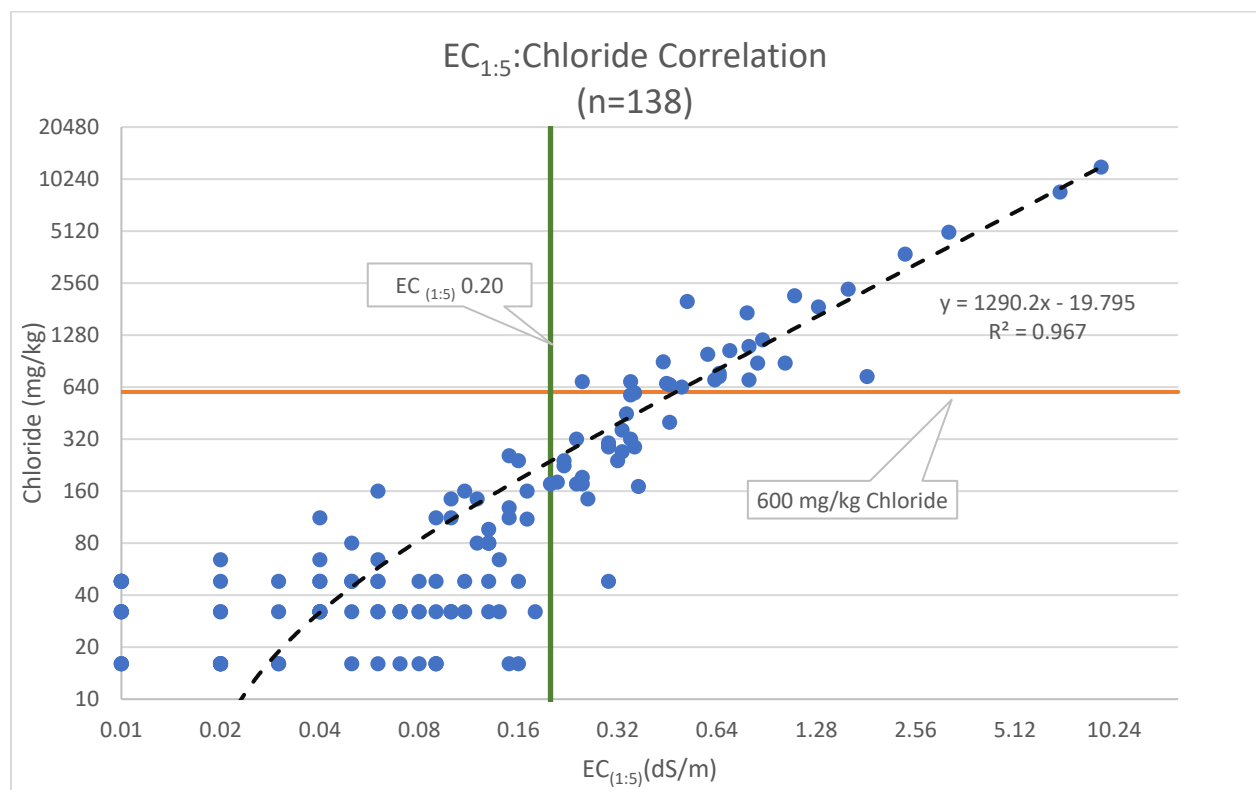
Chloride concentrations can be estimated from ECa by converting

$$ECa \rightarrow ECe \rightarrow EC_{1:5} \rightarrow \text{Chloride}$$

Converting EC_{1:5} to Chloride uses regression analysis to calculate the y-intercept, where

$$\text{Eq. 2: } y = 1290.2x - 19.795$$

The below chart shows the correlation between EC_{1:5} and laboratory analyzed chloride concentrations measured over 139 sample points (n=138). Analysis of data shows that EC_{1:5} measurements greater than 0.20 dS/m (mS/cm) has potential to exhibit chloride concentrations greater than 600 mg/kg, which is NMOCD’s Closure Criteria for remediation of spills in the upper 4-feet.



Equation 3 converts ECa to an estimated Chloride (Cl_{est}) concentration, where

$$\text{Eq. 3: } Cl_{est} = (1290.2x) - 19.795, \text{ where}$$

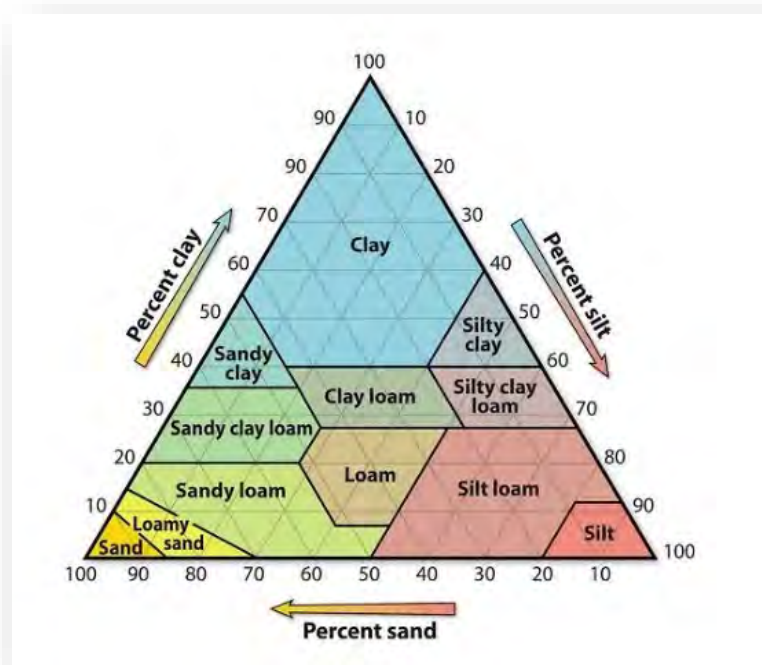
$$x = EC_{1:5} = \left(\frac{ECe}{CF}\right)$$

$$ECe = 5 \left(\frac{ECa}{100}\right)$$

Electromagnetic Induction Survey Orientation

Applying Equation 3 to an ECa reading of 250 mS/m yields the following estimated chloride (Cl_{est}) concentrations.

| To estimate chloride from EM38 ECa measurement | | | | | |
|--|------------|-------------------|----|--------------|----------------------|
| ECa (mS/m) | ECe (dS/m) | Soil Type | CF | EC1:5 (dS/m) | Estimated Cl (mg/kg) |
| 250 | 12.5 | Sand | 17 | 0.74 | 929 |
| | | Sandy Loam | 11 | 1.14 | 1446 |
| | | Loam | 10 | 1.25 | 1593 |
| | | Clay Loam | 9 | 1.39 | 1772 |
| | | Light Medium Clay | 8 | 1.56 | 1996 |
| | | Medium Clay | 7 | 1.79 | 2284 |
| | | Heavy Clay | 6 | 2.08 | 2668 |



Andrew Parker (08/31/2023)

Appendix B

Encapsulation Trench



McNabb Partners, LLC
Hobbs • Carlsbad • Midland

Appendix B Caliche Encapsulation Trench Plan

Site specific soil types suggests that site will provide adequate conditions for an encapsulation trench, where:

Ratliff-Wink fine sandy loams

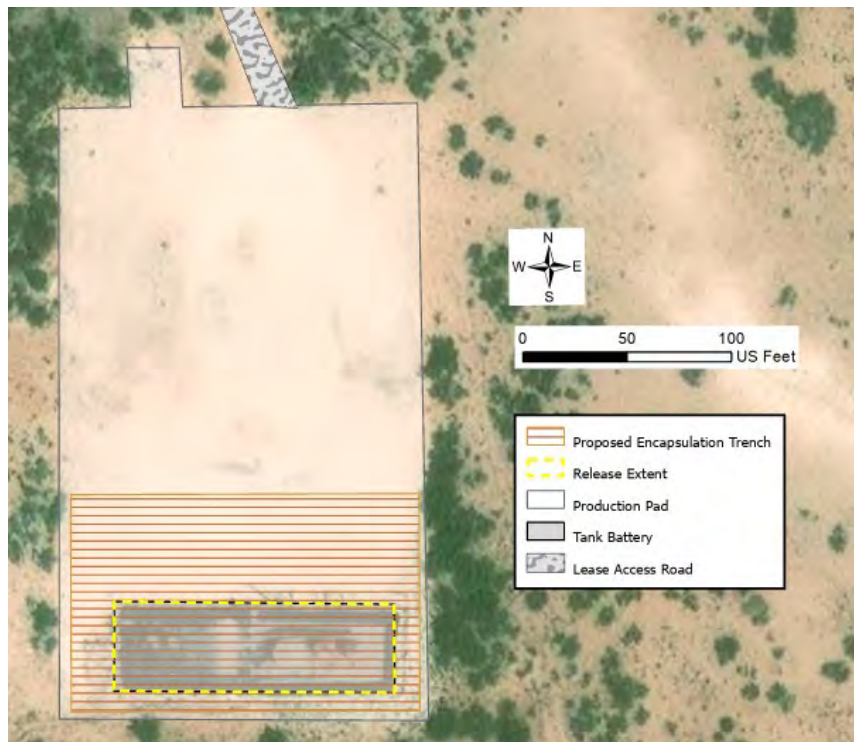
Ratliff and similar soils: 45 percent, 0-3 percent slope

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

Wink and similar soils: 40 percent

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

Production pad and access road caliche volume is estimated at 1,983 cu. yrds. An encapsulation trench measuring 105x170x3 ft yields a volume of approximately 1,983 cu. yrds. The caliche encapsulation trench will be placed 4-feet below ground surface with a depth of 3 foot (7-foot base from ground surface); allowing for a 4-foot suitable soil (sandy to clayey loam) cap for revegetation. The location of the encapsulation trench will be in the southern half of the site. This will take advantage of the excavated area for the identified impacted soil in the footprint of the tank battery. Impacted material will be hauled offsite to an approved disposal facility. Remediation of Incident ID# nAPP2403855479 will occur in accordance with 19.15.29 NMAC prior to site reclamation.



RE: (Reclamation Plan) Adobe State 5 11-21-2023 -Approved with Conditions

Knight, Tami C. <tknight@slo.state.nm.us>

Wed 3/13/2024 11:20 AM

To: Andrew Parker <Andrew@mcnabbpartners.com>

Cc: Chris Davis <Chris.Davis@contango.com>; Trey Haines <Trey.Haines@contango.com>; Seth Johnson <Seth.Johnson@contango.com>; Barnes, Will <wbarnes@slo.state.nm.us>; Griffin, Becky R. <bgriffin@slo.state.nm.us>; David, Deon W. <ddavid@slo.state.nm.us>; Chris Turner <Chris@mcnabbpartners.com>; Laura Parker <Laura@mcnabbpartners.com>
Andrew

Thank you for the project update. ECO approves the revised trench location.



Tami Knight, CHMM

NMSLO - ECO
Mobile: 505.670.1638
1300 W. Broadway Avenue, Suite A



Bloomfield, NM 87413

tknight@slo.state.nm.us
nmstatelands.org

PLEASE SUBMIT WORKPLANS AND REPORTS TO ECO@SLO.STATE.NM.US

.....
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From: Andrew Parker <andrew@mcnabbpartners.com>
Sent: Sunday, February 18, 2024 9:40 AM
To: Knight, Tami C. <tknight@slo.state.nm.us>
Cc: Chris Davis <Chris.Davis@contango.com>; Trey Haines <Trey.Haines@contango.com>; Seth Johnson <Seth.Johnson@contango.com>; Barnes, Will <wbarnes@slo.state.nm.us>; Griffin, Becky R.

<bgriffin@slo.state.nm.us>; David, Deon W. <ddavid@slo.state.nm.us>; Chris Turner <chris@mcnabbpartners.com>; Laura Parker <laura@mcnabbpartners.com>
Subject: [EXTERNAL] RE: (Reclamation Plan) Adobe State 5 11-21-2023 -Approved with Conditions

Ms. Knight,

Upon decommissioning of the tank battery, hydrocarbon impacted soils were observed within the former tank battery containment. A C-141 was filed with NMOCD as Incident # nAPP2403855479. The tank battery area has been remediated per 19.15.29 NMAC to a depth of 3-feet and confirmation sample results are pending.

Attached is a revised reclamation plan that relocates the proposed encapsulation trench to the southern half of the production site to take advantage of the excavated area during remedial activities of the former tank battery area. The revised location is presented in Appendix B of the attached. The dimensions and encapsulation trench depth has not changed.

On the behalf of Contango Resources, McNabb Partners respectfully asks the SLO for approval of the relocated encapsulation trench. Please contact me with any questions.

Thank you,

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535



From: Knight, Tami C. <tknight@slo.state.nm.us>
Sent: Tuesday, November 28, 2023 12:55 PM
To: Andrew Parker <andrew@mcnabbpartners.com>
Cc: Chris Davis <Chris.Davis@contango.com>; Trey Haines <Trey.Haines@contango.com>; Seth Johnson <Seth.Johnson@contango.com>; Laura Parker <lparker@ameredev.com>; Barnes, Will <wbarnes@slo.state.nm.us>; Griffin, Becky R. <bgriffin@slo.state.nm.us>; David, Deon W. <ddavid@slo.state.nm.us>
Subject: RE: (Reclamation Plan) Adobe State 5 11-21-2023 -Approved with Conditions

Andrew

The reclamation plan for Adobe State #5, API # 30-025-37612, was received from your office on November 21, 2023. The NMSLO Environmental Compliance Office (ECO) has reviewed the plan and has determined that the plan is complete with the following condition of approval:

1. Per the workplan, the former NMOCD incident closure report states that the soil beneath the tank battery will be investigated upon site decommission. Soil samples must be collected within the former tank battery footprint. The samples must be analyzed in accordance with 19.15.29 NMAC.

We appreciate the efforts being taken to reclaim State Trust Land and look forward to the final reclamation report. Please submit the final report to eco@slo.state.nm.us.

Thank you,



Compliance Office
Surface Resources Division
eco@slo.state.nm.us
nmstatelands.org



Environmental

.....

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From: Andrew Parker <andrew@mcnabbpartners.com>
Sent: Tuesday, November 21, 2023 1:57 PM
To: SLO Spills <spills@slo.state.nm.us>
Cc: Chris Davis <Chris.Davis@contango.com>; Trey Haines <Trey.Haines@contango.com>; Knight, Tami C. <tknight@slo.state.nm.us>; Seth Johnson <Seth.Johnson@contango.com>; Laura Parker <lparker@ameredev.com>
Subject: [EXTERNAL] (Reclamation Plan) Adobe State 5 11-21-2023

SLO:

On the behalf of Contango Resources, attached is the final reclamation plan following P&A activities for the "Adobe State 5" location (Right-of-Entry Permit # RE-6717). Upon SLO approval, we will schedule work.

Please contact us with any questions.

Regards,

Andrew Parker
Environmental Manager
McNabb Partners
c: (970) 570-9535



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 331200

QUESTIONS

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|----------------------|-------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nAPP2403855479 |
| Incident Name | NAPP2403855479 ADOBE STATE #005 @ 0 |
| Incident Type | Oil Release |
| Incident Status | Reclamation Report Received |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|------------------|
| Site Name | ADOBE STATE #005 |
| Date Release Discovered | 02/06/2024 |
| Surface Owner | State |

Incident Details

Please answer all the questions in this group.

| | |
|--|-------------|
| Incident Type | Oil Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| | |
|--|--|
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Tank (Any) Crude Oil Released: 20 BBL Recovered: 0 BBL Lost: 20 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Impacted soil identified in tank battery footprint during site reclamation. Initial soil samples revealed hydrocarbons above closure criteria. |

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

QUESTIONS, Page 2

Action 331200

QUESTIONS (continued)

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | No |
| Reasons why this would be considered a submission for a notification of a major release | <i>Unavailable.</i> |

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

Initial Response

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

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

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

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

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: Chris Davis Title: EHS Supervisor Email: chris.davis@contango.com Date: 02/07/2024 |
|--|---|

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

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 331200

QUESTIONS (continued)

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|-------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 51 and 75 (ft.) |
| What method was used to determine the depth to ground water | U.S. Geological Survey |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between ½ and 1 (mi.) |
| Any other fresh water well or spring | Between ½ and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Between 1 and 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

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

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

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

| | |
|---|------|
| Chloride (EPA 300.0 or SM4500 Cl B) | 416 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 9590 |
| GRO+DRO (EPA SW-846 Method 8015M) | 7370 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

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

| | |
|---|------------|
| On what estimated date will the remediation commence | 02/12/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 03/19/2024 |
| On what date will (or was) the remediation complete(d) | 03/28/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 4181 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 580 |
| What is the estimated surface area (in square feet) that will be remediated | 4181 |
| What is the estimated volume (in cubic yards) that will be remediated | 580 |

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

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

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QUESTIONS, Page 4

Action 331200

QUESTIONS (continued)

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

| | |
|---|--|
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | Sundance Services, Inc [fKJ1600527371] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | No |

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

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

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: Chris Davis Title: EHS Supervisor Email: chris.davis@contango.com Date: 04/09/2024 |
|--|---|

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

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QUESTIONS, Page 5

Action 331200

QUESTIONS (continued)

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|---|----|
| Deferral Requests Only | |
| <i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i> | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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QUESTIONS, Page 6

Action 331200

QUESTIONS (continued)

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| Sampling Event Information | |
|---|-------------------|
| Last sampling notification (C-141N) recorded | 324289 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/20/2024 |
| What was the (estimated) number of samples that were to be gathered | 1 |
| What was the sampling surface area in square feet | 130 |

Remediation Closure Request

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

| | |
|--|---|
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 4181 |
| What was the total volume (cubic yards) remediated | 580 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 4181 |
| What was the total volume (in cubic yards) reclaimed | 580 |
| Summarize any additional remediation activities not included by answers (above) | Remediation of this incident was a part of pad reclamation. Please refer to report for detail which included the SLO approved reclamation plan. |

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 (in .pdf format) 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.

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.

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: Chris Davis Title: EHS Supervisor Email: chris.davis@contango.com Date: 04/09/2024 |
|--|---|

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QUESTIONS, Page 7

Action 331200

QUESTIONS (continued)

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

Reclamation Report

Only answer the questions in this group if all reclamation steps have been completed.

| | |
|--|------|
| Requesting a reclamation approval with this submission | Yes |
| What was the total reclamation surface area (in square feet) for this site | 4181 |
| What was the total volume of replacement material (in cubic yards) for this site | 580 |

Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.

| | |
|--|------------|
| Is the soil top layer complete and is it suitable material to establish vegetation | Yes |
| On what (estimated) date will (or was) the reseeding commence(d) | 03/28/2024 |

| | |
|---|--|
| Summarize any additional reclamation activities not included by answers (above) | This reclamation occurred as a subset of the reclamation for the entire well pad following plugging and abandonment of well and per SLO approved reclamation plan (Appendix D) |
|---|--|

The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.

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.

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: Chris Davis Title: EHS Supervisor Email: chris.davis@contango.com Date: 04/09/2024 |
|--|---|

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QUESTIONS, Page 8

Action 331200

QUESTIONS (continued)

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

QUESTIONS

| | |
|---|----|
| Revegetation Report | |
| <i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i> | |
| Requesting a restoration complete approval with this submission | No |
| <i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i> | |

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CONDITIONS

Action 331200

CONDITIONS

| | |
|--|--|
| Operator: Contango Resources, LLC 3230 Camp Bowie Blvd FORT WORTH, TX 76107 | OGRID: 330447 |
| | Action Number: 331200 |
| | Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|--|----------------|
| scott.rodgers | The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. In order to achieve the final status of "Restoration Complete" a revegetation report will need to be submitted. A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. | 7/11/2024 |
| scott.rodgers | All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved. | 7/11/2024 |