# Remediation Summary & Deferral Request

**3R Operating, LLC**
**Bandit State SWD #001/Saragossa 10 State Com**
Eddy County, New Mexico
Unit Letter F, Section 10, Township 23S South, Range 26E East
Latitude 32.32091 North, Longitude 104.28336 West
**NMOCD Reference Nos.**
**nJMW1217334502, nAB1921736522, nAB1922139305, nAPP2319437518, nAPP2320640601**

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# 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech) on behalf of 3R Operating, LLC (3R) has prepared this *Remediation Summary & Deferral Request* for the release sites known as the Bandit State SWD #001/Saragossa 10 State Com 3 (henceforth, "Site"). Each of the releases occurred in the same vicinity and appeared to have commingled with one another. Details of the releases are summarized below:

## Location of Release Source

Latitude: 32.321 Longitude: -104.2832

Provided GPS are in WGS84 format.

| | |
|---|---|
| Site Name: Bandit State SWD #001 nJMW1217334502 | Site Type: Tank Battery |
| Date Release Discovered: 6/6/2012 | API # (if applicable): N/A |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [X] Other (describe) Produced Oil | Volume/Weight Released ~140 | Volume/Weight Recovered 10 |

Cause of Release:
Pumper started the circulating pump at the facility. A hole developed in the circulating line after the pumper left the location. The bermed area was filled with produced oil which broke over the top of the berm. Remediation action involved.

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

## Location of Release Source

Latitude: 32.32091 Longitude: -104.28336

Provided GPS are in format.

| Site Name: Bandit State #1 SWD nAB1921736522 | Site Type: SWD |
|---|---|
| Date Release Discovered: 7/16/2019 | API # (if applicable): 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [X] Produced Water | Volume Released (bbls) 100 | Volume Recovered (bbls) unknown |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [ ] Other (describe) | Volume/Weight Released | Volume/Weight Recovered |

Cause of Release:
There was a hole in the discharge line.

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

## Location of Release Source

Latitude: 32.32091 Longitude: -104.28333

Provided GPS are in format.

| Site Name: Bandit State #1 SWD nAB1922139305 | Site Type: SWD |
|---|---|
| Date Release Discovered: 7/27/2019 | API # (if applicable): 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [X] Produced Water | Volume Released (bbls) 75 | Volume Recovered (bbls) unknown |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [ ] Other (describe) | Volume/Weight Released | Volume/Weight Recovered |

Cause of Release:
One of the fitting valves had a leak.

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

## Location of Release Source

Latitude: 32.32091 Longitude: -104.2832

Provided GPS are in format.

| Site Name: Bandit State #1 SWD nAPP2319437518 | Site Type: SWD |
|---|---|
| Date Release Discovered: 7/7/2023 | API # (if applicable): 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [X] Produced Water | Volume Released (bbls) 75 | Volume Recovered (bbls) 50 |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [ ] Other (describe) | Volume/Weight Released | Volume/Weight Recovered |

Cause of Release:
Equipment Failure; Fitting

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

## Location of Release Source

Latitude: 32.32555 Longitude: -104.27993

Provided GPS are in format.

| | |
|---|---|
| Site Name: Saragossa 10 State Com nAPP2320640601 | Site Type: SWD |
| Date Release Discovered: 7/23/2023 | API # (if applicable): 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [X] Produced Water | Volume Released (bbls) 220 | Volume Recovered (bbls) 70 |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [ ] Other (describe) | Volume/Weight Released | Volume/Weight Recovered |

Cause of Release:
Water hauler failed to remove his hose after pulling a load of water and drove off with it connected, breaking the drain valve off the back of the tank. Everything stayed within the berm, repairs were to be made to the tank.

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

Previously submitted portions of the Release Notification and Correction Action (Form C-141) are available in the New Mexico Oil Conservation Division (NMOCD) Permitting System. Copies of the Initial Form C-141s, along with additional regulatory correspondence, are provided in Appendix F.

## 2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined by gauging a nearby well, along with data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)? | Between 100 and 500 (ft.) bgs |
| What method was used to determine the depth to groundwater? | Direct Measurement |
| Did the release impact groundwater or surface water? | [ ] Yes [X] 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)? | Greater than 5 (mi.) |
| An occupied permanent residence, school, hospital, institution or church? | Between 1/2 and 1 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | Between 1/2 and 1 (mi.) |
| Any other fresh water well or spring? | Between 1/2 and 1 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field? | Between 1 and 5 (Mi.) |
| A wetland? | Between 1/2 and 1 (mi.) |
| A subsurface mine? | Greater than 5 (mi.) |
| A (non-karst) unstable area? | Between 1/2 and 1 (mi.) |
| Categorize the risk of this well/site being in a karst geology. | Medium |
| A 100-year floodplain? | Between 1/2 and 1 (mi.) |
| Did the release impact areas not on an exploration, development, production or storage site? | [X] Yes [ ] No |

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1, 2a, 2b and 4.

## 3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as follows:

| Probable Depth to Groundwater | Constituent | Laboratory Analytical Method | Closure Criteria*† | Reclamation Standard*‡ |
|---|---|---|---|---|
| >100 Feet | Chloride (Cl-) | EPA 300.0 or SM4500 Cl B | 20,000 | 600 |
| | Total Petroleum Hydrocarbons (TPH) | EPA SW-846 Method 8015M Ext | 2,500 | 100 |
| | Gas Range Organics + Diesel Range Organics (GRO + DRO) | EPA SW-846 Method 8015M | 1,000 | N/A |
| | Benzene | EPA SW-846 Methods 8021b or 8260b | 10 | 10 |
| | Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA SW-846 Methods 8021b or 8260b | 50 | 50 |

* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

# 4.0 BACKGROUND INFORMATION

Review of available environmental records suggests that there were three (3) open reportable releases at the Bandit State SWD #001 prior to 3R assuming ownership of the facility. The first reportable release (nJMW1217334502) occurred on June 6, 2012. Review of the Initial Form C-141 indicated that failure of a circulating line resulted in the release of approximately 140 bbls of produced oil. During initial response activities, the circulating line was repaired, and approximately 10 bbls of produced oil were recovered.

The second reportable release (nAB1921736522) occurred on July 16, 2012. Review of the Initial Form C-141 indicated that a hole in the discharge line resulted in the release of approximately 100 bbls of produced water. During initial response activities, the circulating line was repaired, and an unknown volume of produced water was recovered.

The third reportable release (nAB1922139305) occurred on July 27, 2019. Review of the Initial Form C-141 indicated that a leak in one of the fitting valves resulted in the release of approximately 75 bbls of produced water. During initial response activities, the circulating line was repaired, and an unknown volume of produced water was recovered.

Based on a review of available information, initial response activities were conducted for each of the reported releases, including but not limited to eliminating the source, recovering free-standing fluids and repairing the failed equipment. It is unclear whether remediation activities were conducted, as environmental records are incomplete, and the incidents remain open in the NMOCD database.

On March 22, 2023, an alternative environmental contractor conducted an electromagnetic survey at the Bandit State SWD in an effort to determine if soil impacts were present at the Site and to characterize their extent. During the electromagnetic survey, a Geonics Ltd. EM-38 ground conductivity meter was utilized to map variations in the ground conductivity and identify anomalously conductive soils. Based on a review of the electromagnetic survey data, it was determined that the greatest variations in the ground conductivity were proximate to the central portion of the historical drilling reserve pit.

On or around June 15, 2023, 3R became the operator of record. On July 7 and 23, 2023, two (2) additional reportable releases (nAPP2319437518 and nAPP2320640601) occurred at the Site. Each of the releases was reported to the NMOCD within 24 hours, as required. Details from the Notice of Release (NOR) indicated that the first reported release was attributed to the failure of a fitting, resulting in the release of approximately 75 bbls of produced water. During initial response activities, approximately 50 bbls of produced water were recovered utilizing a vacuum truck. The second release was attributed to the failure of a water hauler to remove the hose after pulling a load of water and driving off with it still connected, resulting in the release of approximately 220 bbls of produced water. During initial response activities, approximately 70 bbls of produced water were recovered utilizing a vacuum truck.

Between September 20 and September 23, 2023, the environmental contractor revisited the Site in an effort to further characterize soil impacts. During the Site visit, a direct push drilling rig was utilized to advance six (6) soil borings within the inferred affected area. During the advancement of the soil borings, soil samples were collected at select intervals and field screened for the presence of Volatile Organic Compounds and chloride. Based on field test results, chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples, with the exception of soil sample DPT-1-1’ which exhibited a field concentration of 20,144 mg/kg. Field soil sample DPT5-0-2’ suggested chloride concentrations exceeded the applicable NMOCD Reclamation Standard in the “off pad” area characterized by sample point DPT5. Copies of the field notes and "Soil Profile Logs" are provided in Appendix B.

Between September 23, 2023, and March 4, 2024, limited remediation activities were conducted at the Site by an alternative environmental contractor. Impacted material affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards on the caliche well pad was excavated and transported to an NMOCD-approved surface waste facility for disposal. The floor of the excavated area was advanced to an approximate depth of 4 ft. bgs. The excavation sidewalls were advanced toward the east until a caliche oilfield access road was encountered, toward the north until the historic drilling reserve pit was encountered, and toward the west until the active tank battery facility was encountered. A "Photographic Log" is provided in Appendix D.

On June 5, 2024, 3R submitted a *Remediation Work Plan* (Workplan) detailing field activities conducted to date, including data collected during the electromagnetic survey, soil investigation, "Cave and Karst Resource Inventory" and groundwater gauging. The Workplan detailed the removal of approximately 5,756 cubic yards (cy) of impacted material from the Site and proposed the removal of an additional 1,500 to 2,000 cy of impacted material affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards from the “off pad” area east of the caliche access road. The Workplan was subsequently denied on the basis that it lacked necessary site and sample location maps and that the Site didn’t appear to be fully delineated.

On June 6, 2024, the Site was revisited. During the Site visit, a direct push rig was utilized to advance soil borings in the areas characterized by sample points DPT1, DPT2, DPT3 and DPT6. During the advancement of the soil borings, soils samples were collected from 4 to 6 ft. bgs and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated that soil was not affected above the NMOCD Closure Criteria Standard for BTEX, TPH or chloride beyond 4 ft. bgs in any of the investigated areas.

On July 3, 2024, a second Workplan was submitted to the NMOCD in an effort to address deficiencies identified in the previous Workplan. The second Workplan included additional maps along with laboratory analytical data from additional delineation soil samples and chloride field test results from sidewall samples collected by a subcontractor. The Workplan indicated that 3R would continue excavating and transporting impacted material to an NMOCD-approved surface waste facility and that a deferral request would be submitted with the closure report upon completion. The second Workplan does not appear to have been approved.

Between July 22 and August 22, 2024, a total of 163 excavation confirmation soil samples were collected at the Site. In addition, four (4) soil samples were collected from the area characterized by the historic drilling reserve pit. Two (2) of the soil samples were collected from the southern portion of the pit, documenting its presence north of the former environmental excavation, along with two (2) additional samples on the north side of the historic drilling reserve pit characterizing its horizontal extent. Upon receiving laboratory analytical results from excavation confirmation soil samples, the excavated areas were backfilled with locally sourced, non-impacted, “like” material. Excavation backfill was contoured and compacted to achieve erosion control and meet the needs of the facility to the extent practicable.

During the course of initial remediation activities, approximately 7,216 cy of impacted material was excavated and transported to an NMOCD-approved surface waste facility. Regulatory correspondence, including soil chemistry data and site and sample locations maps from the previously submitted reports, is provided in Appendix F.

On December 5, 2024, 3R submitted a *Remediation Closure Report* (Closure Report) to the NMOCD detailing remediation activities and laboratory analytical results from excavation confirmation and delineation soil samples. The Closure Report was subsequently denied on the basis that the removal of a portion of the impacted material affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards remaining in-situ would not result in a major facility deconstruction, areas proposed for deferral were not adequately characterized or delineated, an insufficient number of confirmation soil samples were collected and a portion of the soil samples were analyzed outside of hold time, among other things.

## 5.0 PROPOSED REMEDIATION PLAN

On February 12, 2025, representatives of the NMOCD, NMSLO, 3R, and Etech met to discuss the Site. During the meeting, existing data and field activities conducted to date were discussed, along with future remediation activities that would be required to bring the Site into regulatory compliance.

On February 27, 2025, following the meeting with the NMOCD and NMSLO, 3R submitted a *Site Assessment Report, Alternative Sampling Plan & Proposed Remediation Workplan* (Updated Workplan) to the NMOCD and NMSLO that detailed site assessment and remediation activities conducted by the previous operator and proposed additional remediation activities designed to bring the Site into regulatory compliance.

On March 11, 2025, the Updated Workplan was approved with the condition that at least one (1) representative composite soil sample be collected to represent every five (5) confirmation soil samples the previous environmental contractor analyzed out of hold time. A copy of the Updated Workplan is provided in Appendix F.

## 6.0 REMEDIATION ACTIVITIES SUMMARY

| | |
|---|---|
| Requesting a remediation plan approval with this submission? | ☐ Yes ☒ No |
| Have the lateral and vertical extents of contamination been fully delineated? | ☒ Yes ☐ No |
| Was this release entirely contained within a lined containment area? | ☐ Yes ☒ No |
| On what estimated date will (or did) the remediation commence? | 9/23/2023 |
| On what date will (or did) the final sampling or liner inspection occur? | 5/6/2023 |
| On what date will (or was) the remediation complete(d)? | 5/12/2023 |
| What is the total surface area (sq. ft.) in need of or that will *eventually* be reclaimed? | 116,500 |
| What is the total volume (cy) in need of or that will *eventually* be reclaimed? | 17,282 |
| What was the total surface area (sq. ft.) that has or will be remediated? | 108,000 |
| What was the total volume (cy) that has or will be remediated? | 11,236 |
| This remediation utilized the following processes to remediate/reduce contaminants: | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | ☒ Yes ☐ No |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | ☐ Yes ☒ No |
| (In Situ) Soil Vapor Extraction | ☐ Yes ☒ No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | ☐ Yes ☒ No |
| (In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.) | ☐ Yes ☒ No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | ☐ Yes ☒ No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | ☐ Yes ☒ No |
| Other (Non-listed remedial process) | ☐ Yes ☒ No |
| Which OCD approved facility was or will be used for off-site disposal? | R360 Red Bluff |
| NMOCD Disposal Facility ID? | Out of State |
| Summarize any additional remediation activities not included by answers above. | See below |

On April 7, 2025, upon ensuring compliance with the "Cultural Protection Properties Rule", remediation activities resumed at the Site. In accordance with the approved Updated Workplan, impacted material affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards left in-situ by the previous environmental contractor was excavated, temporarily stockpiled on location, then transported to an NMOCD-permitted surface waste facility for disposal. The floor and sidewalls of the excavations were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards, or to the maximum extent practicable given the presence of the active tank battery. In accordance with the approved Updated Workplan, excavation confirmation soil samples were collected representing every 400 square feet and submitted for laboratory analysis. A summary of soil sampling information is provided below:

| Constituent | Highest Observable Concentration | Sample ID | Sample Date | Sample Depth (ft bgs) | Soil Status |
|---|---|---|---|---|---|
| Chloride | 41,200 | FFL 25 | 4/24/2025 | 0.25 | Excavated |
| TPH | 666 | FFL 40 | 4/24/2025 | 0.25 | Excavated |
| GRO+DRO | 543 | FFL 40 | 4/24/2025 | 0.25 | Excavated |
| BTEX | <0.300 | All submitted samples | N/A | N/A | N/A |
| Benzene | <0.050 | All submitted samples | N/A | N/A | N/A |

Please reference Table 1 for additional information.

Between April 11 and May 6, 2025, Etech collected 188 excavation confirmation soil samples from the floor and sidewalls of the excavated area. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of soil samples FFL 8 (Facility Floor), FFL 13, FFL 16, FFL 20, FFL 23, FFL 24, FFL 25, FFL 26, FFL 32, FFL 35, FFL 40, FFL 44, FFL 78, and NFFL 3 @ 2' (Non-Facility Floor) which exhibited chloride concentrations of 21,000 mg/kg; 22,400 mg/kg; 23,000 mg/kg; 20,800 mg/kg; 29,200 mg/kg; 36,800 mg/kg; 41,200 mg/kg; 20,800 mg/kg; 35,200 mg/kg; 22,000 mg/kg; 20,800 mg/kg; 21,000 mg/kg; 20,200 mg/kg; 21,400 mg/kg and 736 mg/kg, respectively. The excavation was advanced in the areas characterized by soil samples FFL 8, FFL 13, FFL 16, FFL 20, FFL 23, FFL 24, FFL 25, FFL 26, FFL 32, FFL 35, FFL 40, FFL 44, FFL 78, and NFFL 3 @ 2', and resampled as necessary, until laboratory analytical results indicated concentrations of BTEX, TPH and chloride were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Excavated material was added to the existing soil stockpile before being transported to an NMOCD-permitted surface waste facility for disposal.

In addition, Etech collected ten (10) deferral characterization soil samples from within the active tank battery containment proximate to the on-site tanks. Laboratory analytical results indicated that BTEX and TPH concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. Chloride concentration were below the NMOCD Closure Criteria in each of the submitted soil samples, with the exception of soil sample DEF 2 @ 6" (22,600 mg/kg), DEF 3 @ 6" (35,200 mg/kg) and DEF 4 @ 6" (37,600 mg/kg). Laboratory analytical results indicate soil was not impacted above the NMOCD Closure Criteria beyond four (4) ft. bgs in the areas characterized by soil samples DEF 2 and DEF 3, and nine (9) ft. bgs in the area characterized by soil sample DEF 4. Upon receiving laboratory analytical results from deferral characterization soil samples, impacted material excavated to the maximum extent practicable utilizing a hydrovac, manual and mechanical equipment. Excavated material was added to the existing soil stockpile before being transported to an NMOCD-permitted surface waste facility for disposal.

In addition, in accordance with the NMOCD, Etech advanced a delineation trench (DT 1) proximate to the on-site flare that had been built in the central portion of the inferred historical drilling reserve pit. During the advancement of the delineation trench, soil samples were collected at 1 ft., 4 ft. and 20 ft. bgs and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX and TPH concentrations were below the appropriate laboratory method detection limit in each of the submitted soil samples. Analytical results indicated chloride concentrations ranged from 12,000 mg/kg in soil sample DT @ 1' to 3,200 mg/kg in soil sample DT 1 @ 20'-R where refusal was met.

The final dimensions of the excavated facility area were approximately 340 ft. in length, 220 ft. in width, and three (3) inches to four (4) ft. in depth. The final dimensions of the excavated area within the affected pasture on the west side of the facility measured approximately 315 ft. in length, 20 to 40 ft. in width, and four (4) ft. in depth. The final dimensions of the excavated area within the affected pasture and road on the north side of the facility measured approximately 340 ft. in length, 40 to 60 ft. in width, and two (2) and to four (4) ft. in depth. The final dimensions of the excavated area within the affected pasture and road on the east side of the facility measured approximately 320 ft. in length, 50 to 140 ft. in width, and four (4) ft. in depth. During the course of remediation activities, approximately 11,236 cy of impacted soil was excavated and transported to an NMOCD-permitted surface waste facility for disposal.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. Laboratory analytical reports are provided in Appendix C. General photographs of the Site are provided in Appendix D.

## 7.0 RESTORATION, RECLAMATION & RE-VEGETATION SUMMARY

| | |
|---|---|
| All areas not reasonably needed for production or subsequent drilling operations have been stabilized, returned to the site's existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion? | [X] Yes [ ] No |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene? | [X] Yes [ ] No |
| Requesting a reclamation approval with this submission? | [ ] Yes [X] No |
| Requesting a restoration complete approval with this submission? | [ ] Yes [X] No |
| What was the total surface area (in square feet) reclaimed? | 48,500 |
| What was the total volume (in cubic yards) reclaimed? | 7,180 |

Upon receiving laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally sourced, non-impacted, "like" material. Excavated areas within the affected pasture were backfilled with locally sourced topsoil characterized by soil sample R360 West Pit. Excavation backfill was compacted to achieve erosion control, stability and the preservation of surface water flow to the extent practicable. Excavated areas associated with the tank battery and SWD facility were backfilled with caliche characterized by soil sample Lea Land Backfill. Excavation backfill was contoured and compacted to achieve erosion control, stability, preservation of surface water flow and prevent ponding.

On June 12, 2025, in accordance with NMOCD and NMSLO requirements, areas within the pasture affected by remediation and reclamation activities were reseeded with a certified weed-free State Loamy Sites Seed mix. The seed was installed to coincide with a rain event utilizing a disk, broadcast seeder, and harrow. The Site will monitored for vegetative growth and noxious weeds at least annually. Upon meeting a total percent plant cover of at least 70 percent that reflects a life-form ratio of plus or minus 50 percent of pre-disturbance levels, a *Revegetation Report* will be prepared and submitted to the NMSLO and NMOCD.

## 8.0 DEFERRAL REQUEST

| | |
|---|---|
| Requesting a deferral of remediation closure due date with the approval of this submission? | [X] Yes [ ] No |
| Have the lateral and vertical extents of contamination been fully delineated? | [X] Yes [ ] No |
| Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction? | [X] Yes [ ] No |
| What is the remaining surface area (sq. ft.) that will still need to be remediated if a deferral is granted? | 9,500 |
| What is the remaining volume (cy) that will still need to be remediated if a deferral is granted? | fAPP2325831099 |
| Enter the facility ID (f#) on which the this deferral should be granted? | 1,400 |
| Contamination does not cause an imminent risk to human health, the environment, or groundwater? | True |

Remediation activities were conducted in accordance with the NMOCD-approved Updated Workplan. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards within the affected pasture and proximate to the on-site tank battery was excavated and then transported to an NMOCD-permitted disposal facility. The floor and sidewalls of the excavated area were advanced until laboratory analytical results indicated concentrations of BTEX, TPH and chloride were below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards. Impacted material affected above the NMOCD Closure Criteria remaining in-situ proximate to the active tank battery equipment was excavated to the maximum extent practicable, characterized and delineated, as necessary. Etech maintains further advancement of the excavation proximate to the active oilfield equipment poses a risk to human health and would result in a major facility deconstruction. Final remediation and reclamation of the impacted area proximate to the active tank battery equipment will be completed in accordance with Sections 19.15.29.12 and 19.15.29.13 NMAC upon decommissioning and abandoning of the facility.

Based on laboratory analytical results and field activities conducted to date, Etech recommends 3R provide copies of this *Remediation Summary & Deferral Request* to the appropriate agencies and request a temporary deferral be granted to the Site.

## 9.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Deferral Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of 3R Operating, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or 3R Operating, LLC.

# 10.0 DISTRIBUTION

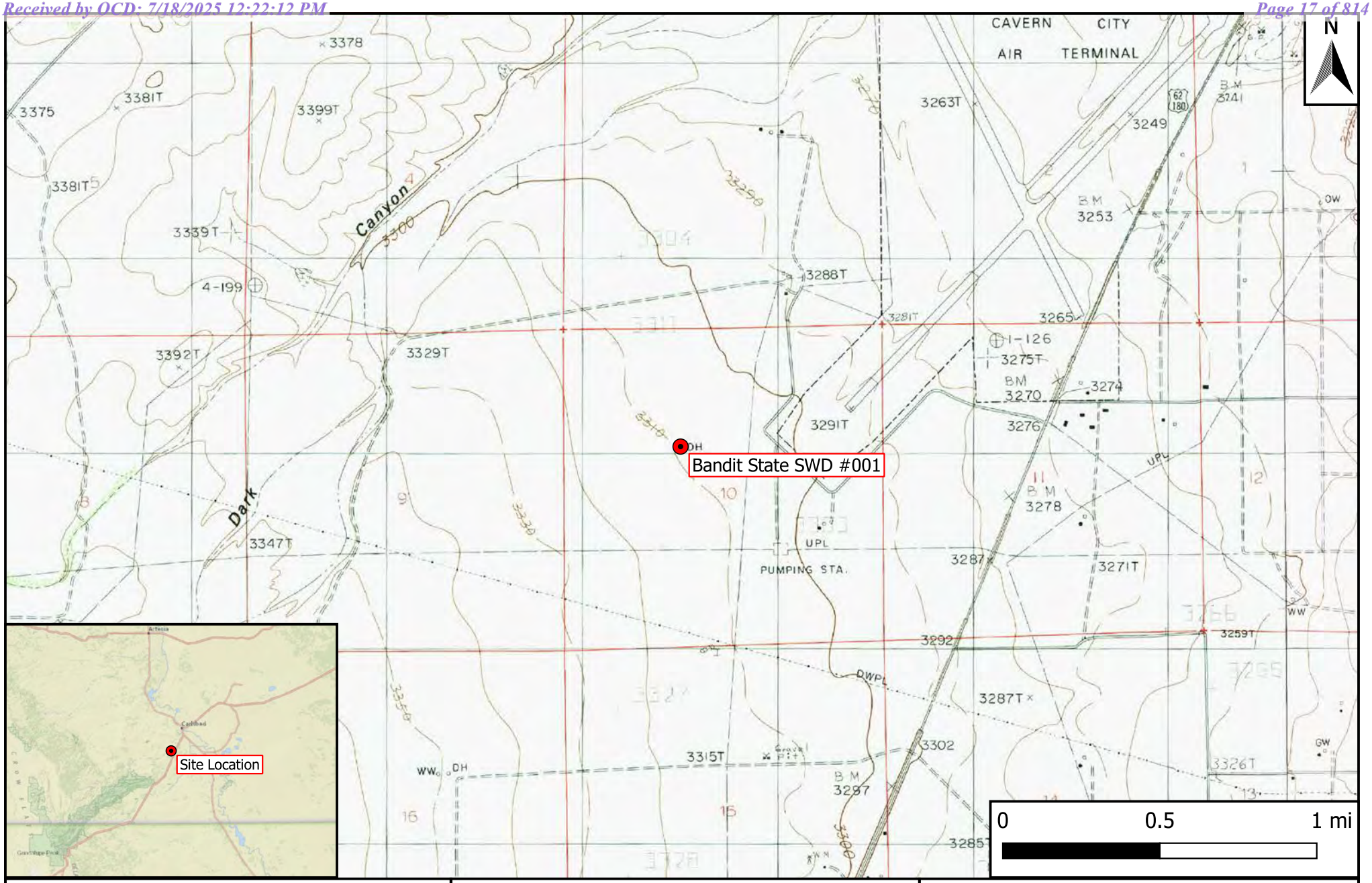
***3R Operating, LLC***
*20405 State Highway 249*
*Ste. 820*
*Houston, TX 77070*

***New Mexico Energy, Minerals and Natural Resources Department***
*Oil Conservation Division, District 1*
*1220 South St. Francis Drive*
*Santa Fe, NM 87505*

***New Mexico State Land Office***
*Environmental Compliance Office*
*310 Old Santa Fe Trail*
*Santa Fe, NM 87501*

*(Electronic Submission)*

# Figure 1
# Site Location Map




Legend

- Site Location

**Figure 1**
Site Location Map
3 R Operating
Bandit-Saragossa Projects
GPS: 32.32091, -104.28336
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 2025-02-24

# Figures 2a & 2b
# Site Characterization Maps

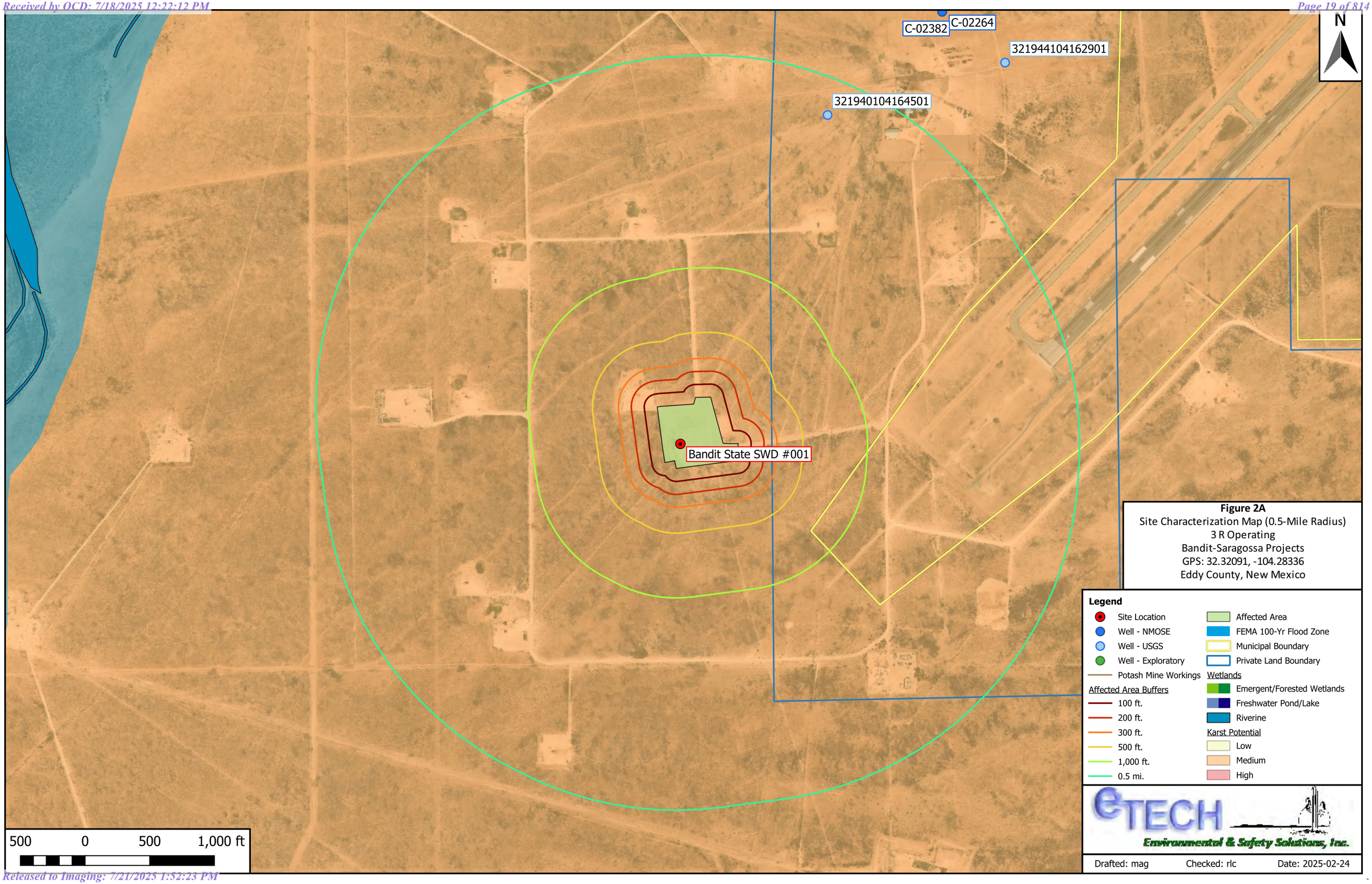



**Figure 2A**
Site Characterization Map (0.5-Mile Radius)
3 R Operating
Bandit-Saragossa Projects
GPS: 32.32091, -104.28336
Eddy County, New Mexico

**Legend**

- Site Location
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- Potash Mine Workings

Affected Area Buffers
- 100 ft.
- 200 ft.
- 300 ft.
- 500 ft.
- 1,000 ft.
- 0.5 mi.

- Affected Area
- FEMA 100-Yr Flood Zone
- Municipal Boundary
- Private Land Boundary

Wetlands
- Emergent/Forested Wetlands
- Freshwater Pond/Lake
- Riverine

Karst Potential
- Low
- Medium
- High

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag | Checked: rlc | Date: 2025-02-24

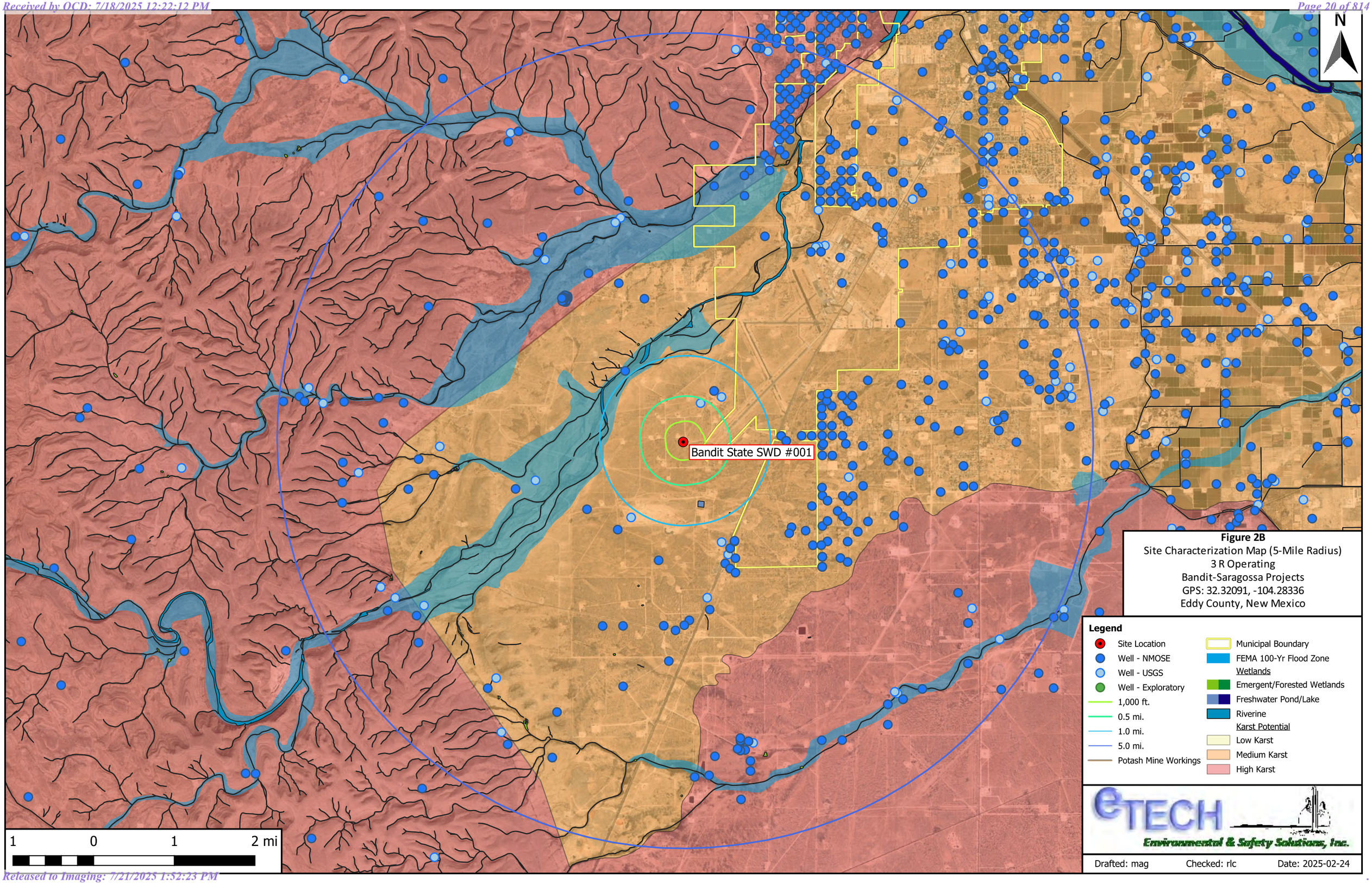



**Figure 2B**
Site Characterization Map (5-Mile Radius)
3 R Operating
Bandit-Saragossa Projects
GPS: 32.32091, -104.28336
Eddy County, New Mexico

**Legend**

- Site Location
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- 1,000 ft.
- 0.5 mi.
- 1.0 mi.
- 5.0 mi.
- Potash Mine Workings
- Municipal Boundary
- FEMA 100-Yr Flood Zone

Wetlands

- Emergent/Forested Wetlands
- Freshwater Pond/Lake
- Riverine

Karst Potential

- Low Karst
- Medium Karst
- High Karst

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 2025-02-24

# Figure 3
# Site and Sample Location Map

Notes: Confirmation soil samples collected by previous contractor meeting NMOCD Standards have been removed.
Green areas were previously remediated and sampled in accordance with the NMOCD.
Blue sample names indicate a recently collected soil sample.
Red sample names indicate a previously collect soil sample that was analyzed out of hold time.

**Legend:**

- Sample Point
- Delineation Trench
- Excavated Area
- Previously Remediated Area
- Proposed Deferral Area
- RF-1 Composite Sample Location

**Figure 3**

Site and Sample Location Map
3R Operating, LLC
Bandit State SWD #001
GPS: 32.32091, -104.28336
Eddy County, NM

ETECH Environmental & Safety Solutions, Inc.

Drafted: jwl
Checked: client Date: 6/18/25

# Table 1
# Concentrations of BTEX, TPH, and Chloride in Soil

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3R Operating, LLC**
**Bandit State SWD #001**
**NMOCD Ref. #: nAPP2319437518**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| | | | | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| FFL 1 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,000 |
| FFL 2 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,360 |
| FFL 3 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,320 |
| FFL 4 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,960 |
| FFL 5 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 77.4 | 77.4 | <10.0 | 77.4 | 15,400 |
| FFL 6 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 6,800 |
| FFL 7 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 8,130 |
| FFL 8 | 4/16/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 65.1 | 65.1 | 13.0 | 78.1 | **21,200** |
| FFL 8 B | 4/29/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | 27.3 | 27.3 | <10.0 | 27.3 | 4,240 |
| FFL 9 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 8,930 |
| FFL 10 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 4,640 |
| FFL 11 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 163 | 163 | 52.7 | 216 | 19,600 |
| FFL 12 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 75.8 | 75.8 | 16.9 | 92.7 | 19,600 |
| FFL 13 | 4/16/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 205 | 205 | 66.1 | 271 | **22,400** |
| FFL 13 B | 4/29/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | 18.8 | 18.8 | <10.0 | 18.8 | 5,680 |
| FFL 14 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 9,600 |
| FFL 15 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 9,460 |
| FFL 16 | 4/16/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 29.7 | 29.7 | <10.0 | 29.7 | **23,000** |
| FFL 16 B | 4/29/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | 18.0 | 18.0 | <10.0 | 18.0 | 4,720 |
| FFL 17 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 7,460 |
| FFL 18 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 109 | 109 | 33.8 | 143 | 18,000 |
| FFL 19 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,420 |
| FFL 20 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 71.5 | 71.5 | 20.7 | 92.2 | **20,800** |
| FFL 20 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,040 |
| FFL 21 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 10,400 |
| FFL 22 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16,000 |
| FFL 23 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 56.4 | 56.4 | <10.0 | 56.4 | **29,200** |
| FFL 23 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,920 |
| FFL 24 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 107 | 107 | 37.3 | 144 | **36,800** |
| FFL 24 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,040 |
| FFL 25 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 119 | 119 | 35.1 | 154 | **41,200** |
| FFL 25 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,840 |
| FFL 26 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 259 | 259 | 76.4 | 335 | **20,800** |
| FFL 26 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,920 |
| FFL 27 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 10,600 |
| FFL 28 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 49.2 | 49.2 | <10.0 | 49.2 | 18,000 |
| FFL 29 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 11,000 |
| FFL 30 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,960 |
| FFL 31 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 6,560 |
| FFL 32 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 65.1 | 65.1 | <10.0 | 65.1 | **35,200** |
| FFL 32 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,240 |

Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3R Operating, LLC**
**Bandit State SWD #001**
**NMOCD Ref. #: nAPP2319437518**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| | | | | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| FFL 33 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 10,000 |
| FFL 34 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 9,600 |
| FFL 35 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 75.0 | 75.0 | <10.0 | 75.0 | **22,000** |
| FFL 35 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,200 |
| FFL 37 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 63.2 | 63.2 | <10.0 | 63.2 | 18,400 |
| FFL 38 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 10,800 |
| FFL 39 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 10,600 |
| FFL 40 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 543 | 543 | 123 | 666 | **20,800** |
| FFL 40 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,840 |
| FFL 41 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 11,400 |
| FFL 42 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 220 | 220 | 34.4 | 254 | 18,200 |
| FFL 43 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 127 | 127 | 18.5 | 146 | 16,800 |
| FFL 44 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 76.7 | 76.7 | <10.0 | 76.7 | **21,000** |
| FFL 44 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,880 |
| FFL 45 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 62.2 | 62.2 | <10.0 | 62.2 | 18,200 |
| FFL 46 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 7,460 |
| FFL 47 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 75.5 | 75.5 | <10.0 | 75.5 | 17,800 |
| FFL 48 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 48.4 | 48.4 | <10.0 | 48.4 | 18,800 |
| FFL 49 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 53.3 | 53.3 | <10.0 | 53.3 | 17,600 |
| FFL 50 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 86.7 | 86.7 | 16.2 | 103 | 18,800 |
| FFL 51 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,210 |
| FFL 52 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 5,120 |
| FFL 53 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 5,600 |
| FFL 54 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 7,920 |
| FFL 55 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 41.3 | 41.3 | <10.0 | 41.3 | 19,800 |
| FFL 56 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 37.3 | 37.3 | <10.0 | 37.3 | 14,000 |
| FFL 57 | 4/24/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 15.7 | 15.7 | <10.0 | 15.7 | **20,200** |
| FFL 57 B | 5/6/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,040 |
| FFL 58 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 7,200 |
| FFL 59 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 38.1 | 38.1 | <10.0 | 38.1 | 15,600 |
| FFL 60 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 21.4 | 21.4 | <10.0 | 21.4 | 15,800 |
| FFL 61 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 28.1 | 28.1 | <10.0 | 28.1 | 18,000 |
| FFL 62 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 30.1 | 30.1 | <10.0 | 30.1 | 17,000 |
| FFL 63 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 10,400 |
| FFL 64 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 37.6 | 37.6 | <10.0 | 37.6 | 17,400 |
| FFL 65 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 20.4 | 20.4 | <10.0 | 20.4 | 16,600 |
| FFL 66 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 8,800 |
| FFL 67 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 25.0 | 25.0 | <10.0 | 25.0 | 20,000 |
| FFL 68 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,760 |
| FFL 69 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,600 |
| FFL 70 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 22.5 | 22.5 | <10.0 | 22.5 | 6,880 |

Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3R Operating, LLC**
**Bandit State SWD #001**
**NMOCD Ref. #: nAPP2319437518**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| | | | | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| FFL 71 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,070 |
| FFL 72 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 800 |
| FFL 73 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 7,040 |
| FFL 74 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,120 |
| FFL 75 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 880 |
| FFL 76 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 98.8 | 98.8 | 22.9 | 122 | 17,400 |
| FFL 77 | 4/16/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 138 | 138 | 18.1 | 156 | 19,600 |
| FFL 78 | 4/16/2025 | 0.25 | Excavated | <0.050 | <0.300 | <10.0 | 253 | 253 | 85.2 | 338 | **21,400** |
| FFL 78 B | 4/24/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 18,800 |
| FFL 79 | 4/24/2025 | 0.25 | In-Situ | <0.050 | <0.300 | <10.0 | 99.2 | 99.2 | 57.6 | 157 | 14,000 |
| NFFL 1 @ 2' | 4/11/2025 | 2 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 |
| NFFL 2 @ 2' | 4/11/2025 | 2 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| NFFL 3 @ 2' | 4/11/2025 | 2 | Excavated | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 736 |
| NFFL 3 @ 4' | 4/24/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,480 |
| NFFL 4 @ 2' | 4/11/2025 | 2 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 496 |
| NFFL 5 @ 2' | 4/11/2025 | 2 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| NFFL 6 @ 2' | 4/11/2025 | 2 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 416 |
| NFFL 7 @ 2' | 4/11/2025 | 2 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 400 |
| NFFL 8 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,320 |
| NFFL 9 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,320 |
| NFFL 10 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,840 |
| NFFL 11 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,440 |
| NFFL 12 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 4,480 |
| NFFL 13 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,760 |
| NFFL 14 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,520 |
| NFFL 15 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 848 |
| NFFL 16 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,720 |
| NFFL 17 @ 4' | 4/11/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 576 |
| NFFL 18 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 4,800 |
| NFFL 19 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,630 |
| NFFL 20 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,400 |
| NFFL 21 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,320 |
| NFFL 22 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,800 |
| NFFL 23 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 5,120 |
| NFFL 24 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 864 |
| NFFL 25 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 624 |
| NFFL 26 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 576 |
| NFFL 27 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,090 |
| NFFL 28 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,740 |
| NFFL 29 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,220 |
| NFFL 30 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,090 |

Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3R Operating, LLC**
**Bandit State SWD #001**
**NMOCD Ref. #: nAPP2319437518**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| | | | | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| NFFL 31 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 752 |
| NFFL 32 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 848 |
| NFFL 33 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 512 |
| NFFL 34 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,640 |
| NFFL 35 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,520 |
| NFFL 36 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,140 |
| NFFL 37 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 592 |
| NFFL 38 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,700 |
| NFFL 39 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | 13.2 | 13.2 | <10.0 | 13.2 | 592 |
| NFFL 40 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| NFFL 41 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| NFFL 42 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| NFFL 43 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,800 |
| NFFL 44 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,120 |
| NFFL 45 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,610 |
| NFFL 46 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 5,200 |
| NFFL 47 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,200 |
| NFFL 48 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,880 |
| NFFL 49 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 688 |
| NFFL 50 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,680 |
| NFFL 51 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,360 |
| NFFL 52 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,520 |
| NFFL 53 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 864 |
| NFFL 54 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,600 |
| NFFL 55 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,360 |
| NFFL 56 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,030 |
| NFFL 57 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 576 |
| NFFL 58 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,300 |
| NFFL 59 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,760 |
| NFFL 60 @ 4' | 4/24/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,630 |
| NFFL 61 @ 4' | 4/24/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,380 |
| NFFL 62 @ 4' | 4/24/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,420 |
| NFFL 63 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,120 |
| NFFL 64 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,120 |
| NFFL 65 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,760 |
| NFFL 66 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,120 |
| NFFL 67 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | 54.4 | 54.4 | <10.0 | 54.4 | 1,640 |
| NFFL 68 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,080 |
| NFFL 69 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,320 |
| NFFL 70 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | 36.3 | 36.3 | <10.0 | 36.3 | 10,100 |
| NFFL 71 @ 4' | 5/6/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,840 |

Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3R Operating, LLC**
**Bandit State SWD #001**
**NMOCD Ref. #: nAPP2319437518**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| | | | | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| EW 1 | 4/11/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| EW 3 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 6,560 |
| EW 4 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 5,120 |
| EW 6 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 848 |
| EW 7 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,960 |
| EW 8 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,490 |
| EW 9 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,880 |
| MW 1 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| MW 2 | 4/24/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| MW 3 | 4/24/2025 | 0.25-4 | In-Situ | <0.050 | <0.300 | <10.0 | 136 | 136 | 41.7 | 178 | 2,120 |
| NW 1 | 4/11/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| NW 2 | 4/11/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| NW 3 | 4/11/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 576 |
| NW 4 | 4/11/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 352 |
| NW 5 | 4/24/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 |
| SW 1 | 4/16/2025 | 0.25-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,760 |
| SW 2 | 4/16/2025 | 0.25-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,880 |
| SW 3 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| SW 4 | 4/24/2025 | 0.25-0.5 | In-Situ | <0.050 | <0.300 | <10.0 | 140 | 140 | 88.2 | 228 | 15,800 |
| SW 5 | 4/24/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 176 |
| WW 1 | 4/11/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 304 |
| WW 2 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| WW 3 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| WW 4 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 144 |
| WW 5 | 4/24/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,350 |
| WW 6 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 320 |
| WW 7 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 |
| WW 8 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| WW 9 | 4/16/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 96.0 |
| WW 10 | 5/6/2025 | 0-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,680 |
| WW 11 | 5/6/2025 | 0.25-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,920 |
| WW 12 | 5/6/2025 | 0.25-4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,680 |
| RF 1 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 784 |
| RF 2 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 224 |
| RF 3 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,000 |
| RF 4 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,630 |
| RF 5 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 880 |
| RF 6 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,580 |
| RF 7 @ 4' | 4/16/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | 33.7 | 33.7 | <10.0 | 33.7 | 1,040 |
| DEF 1 @ 6" | 4/24/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,250 |
| DEF 1 @ 4'-R | 4/24/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | 173 | 173 | 42.2 | 215 | 5,760 |

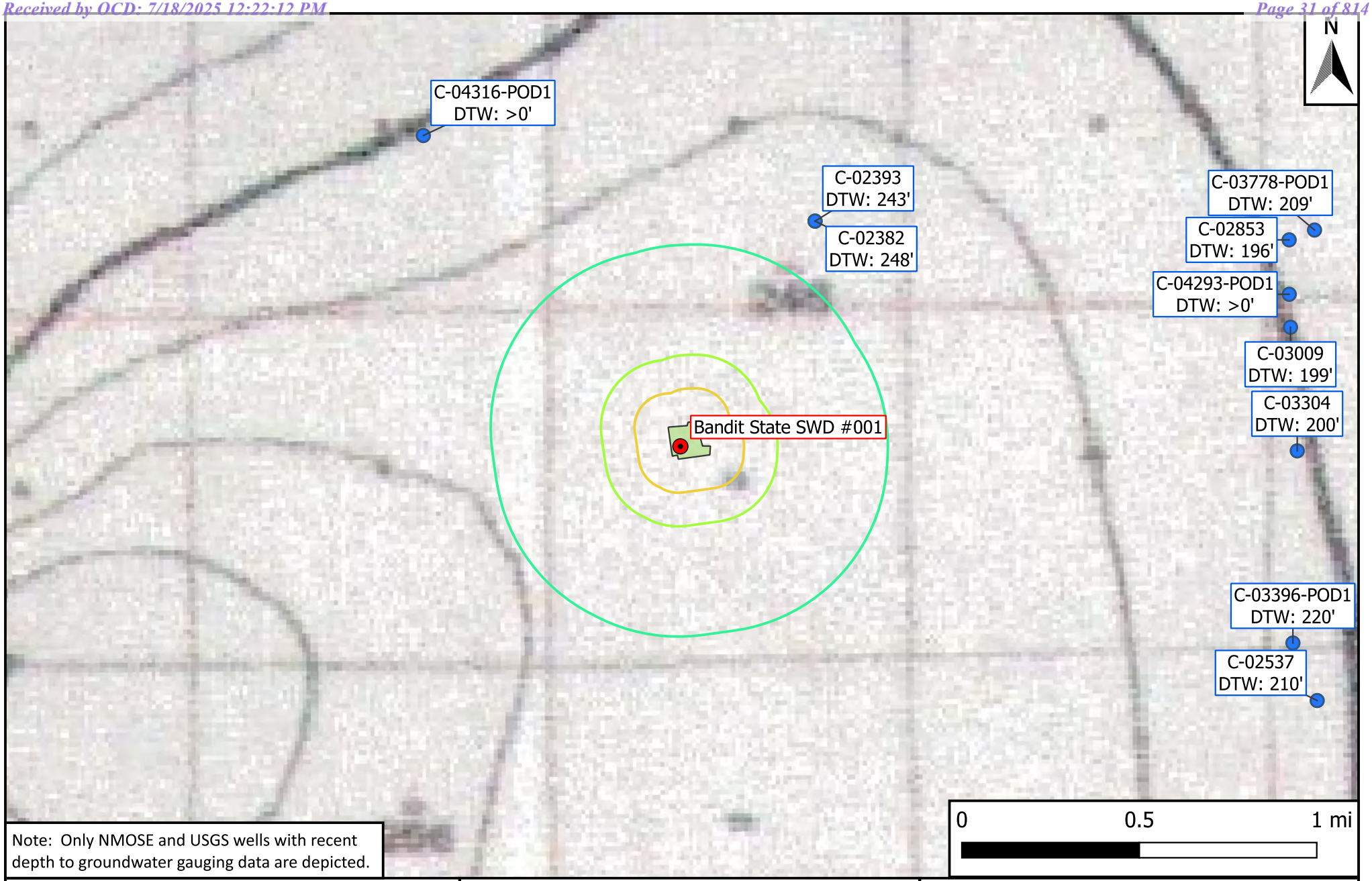
Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3R Operating, LLC**
**Bandit State SWD #001**
**NMOCD Ref. #: nAPP2319437518**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| | | | | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| DEF 2 @ 6" | 4/24/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | 31.8 | 31.8 | <10.0 | 31.8 | **22,600** |
| DEF 2 @ 4'-R | 4/24/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | 17.9 | 17.9 | <10.0 | 17.9 | 2,800 |
| DEF 3 @ 6" | 4/24/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | **35,200** |
| DEF 3 @ 4'-R | 4/24/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | 147 | 147 | 37.7 | 185 | 1,840 |
| DEF 4 @ 6" | 4/24/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | **37,600** |
| DEF 4 @ 9'-R | 4/24/2025 | 9 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,200 |
| DEF 5 @ 6" | 4/24/2025 | 0.5 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 1,010 |
| DEF 5 @ 4'-R | 4/24/2025 | 4 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 2,450 |
| DT 1 @ 1' | 4/24/2025 | 1 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 12,000 |
| DT 1 @ 14' | 4/24/2025 | 14 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 4,960 |
| DT 1 @ 20'-R | 4/24/2025 | 20 | In-Situ | <0.050 | <0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,200 |

Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

# Appendix A
# Depth to Groundwater Information




Note: Only NMOSE and USGS wells with recent depth to groundwater gauging data are depicted.

Legend

- Active Site Locations
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- Affected Area
- 500 ft.
- 1,000 ft.
- 0.5 mi.

**Figure 4**
Inferred Depth to Groundwater Map
3 R Operating
Bandit-Saragossa Projects
GPS: 32.32091, -104.28336
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 2025-06-19

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

**Well Gauging**

Field Date: September, 20th 2023

POD # C2393

Probe Type: Interphase

Field Book: JAW_006_046

Field Note:

C2393 was gauged by AEA staff on September, 20th 2023 ground water was found to be 243ft from Top of casing (TOC) of the known water sources within ½-mile of the location, according to the NMOSE. Livestock and Domestic wells C2393 and C2382. C2393 was the only well capable of accepting an interface probe without the pump being pulled. The measurement was taken from the North most accessible lip of the casing

Submitted by:

Atkins Engineering Associates INC

J. Austin Weyant

Austin Weyant

# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Map |
|---|---|---|---|---|---|---|---|---|---|---|
| | C 02393 | | | SE | 03 | 23S | 26E | 568065.0 | 3577254.0 * | |

*** UTM location was derived from PLSS - see Help**

| | | | | | |
|---|---|---|---|---|---|
| **Driller License:** | 461 | **Driller Company:** | C & J DRILLING COMPANY | | |
| **Driller Name:** | HAMMOND, J.O. | | | | |
| **Drill Start Date:** | 1994-05-17 | **Drill Finish Date:** | 1994-05-27 | **Plug Date:** | |
| **Log File Date:** | 1994-06-07 | **PCW Rcv Date:** | | **Source:** | Shallow |
| **Pump Type:** | | **Pipe Discharge Size:** | | **Estimated Yield:** | 15 |
| **Casing Size:** | 7.00 | **Depth Well:** | 290 | **Depth Water:** | 245 |

## Water Bearing Stratifications:

| Top | Bottom | Description |
|---|---|---|
| 252 | 261 | Sandstone/Gravel/Conglomerate |

## Casing Perforations:

| Top | Bottom |
|---|---|
| 240 | 290 |

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Revised June 1972

STATE ENGINEER OFFICE

# WELL RECORD

Trn
~~197275~~
465383

## Section 1. GENERAL INFORMATION

(A) Owner of well Bill & Beverly Gillock Owner's Well No. _____
Street or Post Office Address 159 Gillock RD.
City and State Carlsbad, N. M. 88220

'94 JUL 29 AM 10 16
STATE ENGINEER OFFICE
SANTA FE, NEW MEXICO

Well was drilled under Permit No. C-2393 and is located in the:

a. _____ ¼ _____ ¼ S½ ¼ SE ¼ of Section 3 Township ~~5~~ 23S Range 26E N.M.P.M.

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

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

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

(B) Drilling Contractor C & J Drilling License No. WD 461

Address Box 935 Artesia, N.M. 88210

Drilling Began 5-17-94 Completed 5-27-94 Type tools Cable Size of hole 11 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 290 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 245 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---|---|---|---|---|
| 252 | 261 | 9 | broken conglomerate | |
| | | | water bearing | 15 |
| | | | | |
| | | | | |

## Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet Top | Depth in Feet Bottom | Length (feet) | Type of Shoe | Perforations From | Perforations To |
|---|---|---|---|---|---|---|---|---|
| 7 | 23 | 8 | 0 | 290 | 291 | coller | 240 | 290 |
| | | | | | | | | |
| | | | | | | | | |

## Section 4. RECORD OF MUDDING AND CEMENTING

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

## Section 5. PLUGGING RECORD

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

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

FOR USE OF STATE ENGINEER ONLY

Date Received 06-07-94 Quad _____ FWL _____ FSL _____

File No. C-2393 Use Domestic/Stock Location No. 23S.26E.3.43412

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Received by OCD: 7/18/2025 12:22:12 PM


Section 6. LOG OF HOLE

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 2 | 2 | top soil |
| 2 | 20 | 18 | clichie & gravel rock |
| 20 | 50 | 30 | large gravel |
| 50 | 60 | 10 | brown shale |
| 60 | 105 | 45 | large gravel |
| 105 | 135 | 30 | brown shale with gravel |
| 135 | 165 | 30 | conglomerated rock |
| 165 | 210 | 45 | brown shale, gravel rock |
| 210 | 235 | 25 | yellow & tan conglomerated rock |
| 235 | 240 | 5 | crevice, lost fluid |
| 240 | 252 | 12 | conglomerated yellow& brown rock |
| 252 | 261 | 9 | conglomerated rock, water bearing |
| 261 | 265 | 4 | brown & tan shale with rock |
| 265 | 275 | 10 | conglomerated rock- some shale, possible water |
| 275 | 290 | 15 | conglomerated rock & shale |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Section 7. REMARKS AND ADDITIONAL INFORMATION

gravel pack with 8 yds 1" gravel 40' from surface

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
'94 JUN 7 AM 11 06

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

J. O. Hammond
Driller

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

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# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Map |
|---|---|---|---|---|---|---|---|---|---|---|
| | C 02382 | | | SE | 03 | 23S | 26E | 568065.0 | 3577254.0 * | |

*** UTM location was derived from PLSS - see Help**

| | | | | | |
|---|---|---|---|---|---|
| **Driller License:** | 461 | **Driller Company:** | C & J DRILLING COMPANY | | |
| **Driller Name:** | HAMMOND, MARK | | | | |
| **Drill Start Date:** | 1994-04-06 | **Drill Finish Date:** | 1994-04-16 | **Plug Date:** | |
| **Log File Date:** | 1995-04-28 | **PCW Rcv Date:** | | **Source:** | Shallow |
| **Pump Type:** | | **Pipe Discharge Size:** | | **Estimated Yield:** | 30 |
| **Casing Size:** | 7.00 | **Depth Well:** | 288 | **Depth Water:** | 248 |

## Water Bearing Stratifications:

| Top | Bottom | Description |
|---|---|---|
| 255 | 260 | Sandstone/Gravel/Conglomerate |

## Casing Perforations:

| Top | Bottom |
|---|---|
| 228 | 288 |

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Revised June 1972

STATE ENGINEER OFFICE

# WELL RECORD

Trn ~~194292~~ 465357

## Section 1. GENERAL INFORMATION

(A) Owner of well Bill Gillock Owner's Well No. 1

Street or Post Office Address 159 Gillock RD.

City and State Carlsbad N M 88220

'95 MAY 23 AM 10 39

STATE ENGINEER OFFICE
SANTA FE, NEW MEXICO

Well was drilled under Permit No. C-2382 and is located in the:

a. ____ ¼ ____ ¼ S½ ¼ SE ¼ of Section 3 Township ~~23~~ 23S Range ~~26~~ 26E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in EDDY County.

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

(B) Drilling Contractor C & J Drilling License No. WD 461

Address Box 935 Artesia, NM 88210

Drilling Began 4-6-94 Completed 4-16-94 Type tools cable Size of hole 10 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 288 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 248 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---|---|---|---|---|
| 255 | 260 | 5 | Broken Conglomerate | 30 |
| | | | | |
| | | | | |
| | | | | |

## Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet Top | Depth in Feet Bottom | Length (feet) | Type of Shoe | Perforations From | Perforations To |
|---|---|---|---|---|---|---|---|---|
| 7 | 23 | 8 | 1 | 288 | 289 | collar | 228 | 288 |
| | | | | | | | | |
| | | | | | | | | |

## Section 4. RECORD OF MUDDING AND CEMENTING

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

## Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____
State Engineer Representative

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

## FOR USE OF STATE ENGINEER ONLY

Date Received 04-28-95

Quad ____ FWL ____ FSL ____

File No. C-2382 Use Domestic/Stock Location No. 23S.26E.3.43243

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Received by OCD: 7/18/2025 12:22:12 PM


Section 6. LOG OF HOLE

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 1 | 1 | Top soil |
| 1 | 20 | 19 | clichie |
| 20 | 50 | 30 | gravel |
| 50 | 60 | 10 | brown shale |
| 60 | 105 | 45 | gravel |
| 105 | 135 | 30 | brown shale gravel |
| 135 | 165 | 30 | conglomerated rock |
| 165 | 209 | 44 | brown shale gravel |
| 209 | 230 | 21 | yellow & tan conglomerated rock |
| 230 | 232 | 2 | crevase |
| 232 | 246 | 14 | conglomerated rock |
| 246 | 255 | 9 | solid conglomerated rock |
| 255 | 260 | 5 | conglomerated rock (water) |
| 260 | 281 | 21 | shale and rock |
| 281 | 288 | 7 | conglomerated rock |

Section 7. REMARKS AND ADDITIONAL INFORMATION

Gravel Pack well

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
'95 APR 28 AM 11 30

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

Driller

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

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# Appendix B
# Field Data and Soil Profile Logs

# Log

# DPT-1

**Page 1 of 1**

**Location:** Section 22

**Purpose:** Soil Sample

**Project:** bandswd.env.23

| | | | |
|---|---|---|---|
| **Completion Date** | 9/20/2024 | **Latitude** | 32.32683 |
| **Drilling Contractor** | Atkins Engineering Assoc. | **Longitude** | -104.28337 |
| **Drilling Method** | DPT | **Surface Elevation (ft)** | 3308 |
| **Boring Diameter** | 2.5" | **Total Depth (ft)** | 4.5 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 | | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry ( plastic liner ) |
| 4 – 5 | | Rock | Refusal at depth |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-2

**Page 1 of 1**

**Location:** Eddy Co., NM

**Purpose:** Soil Sample

**Project:** bandswd.env.24

**Completion Date** 9/20/2024
**Drilling Contractor** Atkins Engineering Assoc.
**Drilling Method** DPT
**Boring Diameter** 2.5"

**Latitude** 32.32111
**Longitude** -104.28328
**Surface Elevation (ft)** 3308
**Total Depth (ft)** 4

| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 | | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry (plastic liner at surface) |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-3

**Page 1 of 1**

**Location:** Sandhills

**Purpose:** Soil Sample

**Project:** bandswd.env.25

**Completion Date** 9/20/2024
**Drilling Contractor** Atkins Engineering Assoc.
**Drilling Method** DPT
**Boring Diameter** 2.5"

**Latitude** 32.32105
**Longitude** -104.28303
**Surface Elevation (ft)** 3308
**Total Depth (ft)** 5



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 5 | | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry |
| 5 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:Plugged boring using Hydrated bentonite

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-4

**Page 1 of 1**

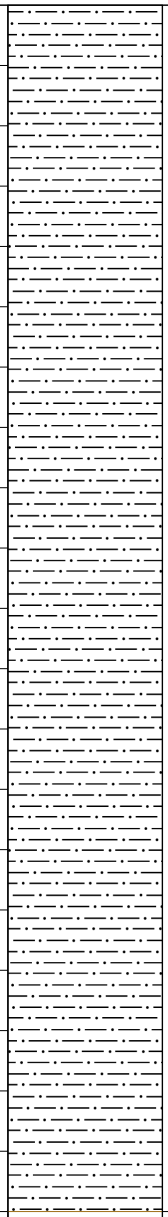
**Location:** Sandhills

**Purpose:** Soil Sample

**Project:** bandswd.env.26

| | | | |
|---|---|---|---|
| **Completion Date** | 9/20/2024 | **Latitude** | 32.32656 |
| **Drilling Contractor** | Atkins Engineering Assoc. | **Longitude** | -104.28322 |
| **Drilling Method** | DPT | **Surface Elevation (ft)** | 3308 |
| **Boring Diameter** | 2.5" | **Total Depth (ft)** | 6 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |
| 4 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-5

**Page 1 of 1**

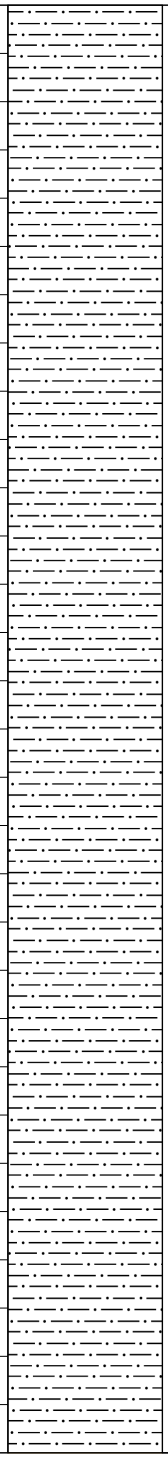
**Location:** Sandhills

**Purpose:** Soil Sample

**Project:** bandswd.env.27

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32137 |
| **Longitude** | -104.28283 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 4 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 6 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-6

**Page 1 of 1**

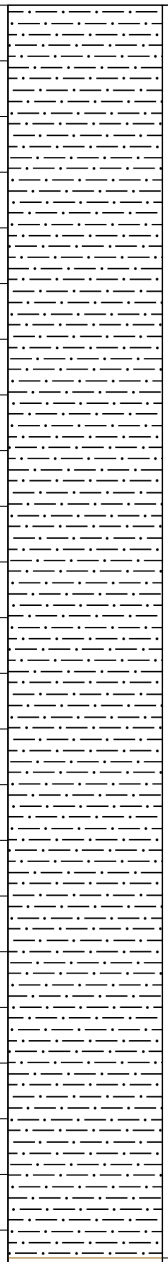
**Location:** Sandhills

**Purpose:** Soil Sample

**Project:** bandswd.env.28

| | | | |
|---|---|---|---|
| **Completion Date** | 9/20/2024 | **Latitude** | 32.3213 |
| **Drilling Contractor** | Atkins Engineering Assoc. | **Longitude** | -104.28336 |
| **Drilling Method** | DPT | **Surface Elevation (ft)** | 3308 |
| **Boring Diameter** | 2.5" | **Total Depth (ft)** | 4.5 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |
| 4 – 5 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:Plugged boring using Hydrated bentonite

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

eTECH Environmental & Safety Solutions, Inc.

# Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|---|---|---|---|
| NFFL-65 @4' 7.4 | | | |
| NFFL-66 @4' 6.8 | | | |
| NFFL-67 @4' 7.2 | | | |
| NFFL-68 @4' 6.8 | | | |
| NFFL-69 @4' 7.4 | | | |
| NFFL-70 @4' 7.6 | | | |
| NFFL-71 @4 7.0 | | | |
| WW 10 | | 25647 | |
| WW 11 | | 72,564 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

eTECH Environmental & Safety Solutions, Inc.

# Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|---|---|---|---|
| FFL-55 | | 11,252 | |
| FFL-56 | | 9,808 | |
| FFL-57 | | 4,480 | |
| FFL-58 | | 6,522 | |
| FFL-59 | | 9,876 | |
| FFL-60 | | 11,488 | |
| FFL-61 | | 13,564 | |
| FFL-62 | | 14,248 | |
| FFL-63 | | 9,544 | |
| FFL-64 | | 8,124 | |
| FFL-65 | | 9,988 | |
| FFL-66 | | 6,554 | |
| FFL-67 | | 4,826 | |
| FFL-68 | | 2,292 | |
| DT-1@1' | | 8120 | |
| DT-1@4' | | 3088 | |
| DT-1@20'7B | | 2564 | |
| NFFL-3@4' | | 2564 | |
| SW4 | | 13728 | |
| FFL-79 | | 13,728 | |
| SW5 3.0 | | 412 | |
| NW5 | | | |
| WW5 | | | |
| DEF1@Surf | | | |
| DEF.1@4'7B 5.0@4' | | 4,284 | |
| DEF.2@Surf | | 20,848 | |
| DEF.2@4'7B | | 1764 | |
| DEF-3@4'7B | | 1,136 | |
| DEF-4@6' 6.6 | | 1,764 | |
| DEF-4@9'@7B 6.6 | | 1,764 | |
| DEF-5@4'7B | | 1,136 | |
| NEFL-60@4' 6.0 | | 1,410 | |
| NEFL-61@4' 6.0 | | 1,416 | |
| NEFL-62@4' 6.6 | | 1748 | |
| NFFL-63@4' 5.4 | | | |
| NFFL-64@4' 6.0 | | | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

eTECH Environmental & Safety Solutions, Inc.

# Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|---|---|---|---|
| FFL-19 | | 2800 | |
| FFL-20 | | 12213 | |
| FFL-21 | | 7.649 | |
| FFL-22 | | 10,800 | |
| FFL-23 | | 11,572 | |
| FFL-24 | | 11,572 | |
| FFL-25 | | 9.782 | |
| FFL-26 | | 13,268 | |
| FFL-27 | | 8120 | |
| FFL-28 | | 4.640 | |
| FFL-29 | | 8120 | |
| FFL-30 | | 2564 | |
| FFL-31 | | 2664 | |
| FFL-32 | | 4,800 | |
| FFL-33 | | 6,252 | |
| FFL-34 | | 4,800 | |
| FFL-35 | | 6,252 | |
| FFL-36 | | 13.248 | |
| FFL-37 | | 9,284 | |
| FFL-38 | | 9.284 | |
| FFL-39 | | 11,658 | |
| FFL-40 | | 10.824 | |
| FFL-41 | | 9,896 | |
| FFL-42 | | 11,542 | |
| FFL-43 | | 11,658 | |
| FFL-44 | | 4800 | |
| FFL-45 | | 5,324 | |
| FFL-46 | | 7,582 | |
| FFL-47 | | 9,612 | |
| FFL-48 | | 11,658 | |
| FFL-49 | | 12,469 | |
| FFL-50 | | 15,298 | |
| FFL-51 | | 3.276 | |
| FFL-52 | | 2,544 | |
| FFL-53 | | 5,442 | |
| FFL-54 | | 7,928 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

eTECH Environmental & Safety Solutions, Inc.

# Sample Log

Date: _____

Project: Bandit SWD - 3R Operating

Project Number: _____ Latitude: _____ Longitude: _____

| Sample ID | | PID/Odor | Chloride Conc. | GPS |
|---|---|---|---|---|
| NFFL-50 @4' | 7.2 | | | |
| NFFL-51 @4' | 7.2 | | | |
| NFFL-52 @4' | 7.2 | | | |
| NFFL-53 @4' | 4.2 | | | |
| NFFL-54 @4' | 7.0 | | | |
| NFFL-55 @4' | 7.0 | | | |
| EW6 | 5.0 | | | |
| EW7 | 6.0 | | | |
| WW6 | 2.2 | | | |
| FFL-1 | 7.0 | | | |
| FFL-2 | 7.0 | | | |
| FFL-3 | 7.2 | | | |
| FFL-4 | 7.0 | | | |
| EW8 | 6.4 | | | |
| EW9 | 7.8 | | | |
| WW7 | 2.2 | | | |
| WW8 | 1.2 | | <1116 | |
| WW9 | 1.2 | | <1116 | |
| NFFL-56 @4' | 6.6 | | | |
| NFFL-57 @4' | 3.4 | | | |
| NFFL-58 @4' | 6.0 | | | |
| NFFL-59 @4' | 6.0 | | | |
| FFL-5 | | | 9,286 | |
| FFL-6 | | | 6,252 | |
| FFL-7 | | | 7,484 | |
| FFL-8 | | | 4,800 | |
| FFL-9 | | | 8,120 | |
| FFL-10 | | | 3,088 | |
| FFL-11 | | | 9,540 | |
| FFL-12 | | | 13,208 | |
| FFL-13 | | | 11,305 | |
| FFL-14 | | | 13,728 | |
| FFL-15 | | | 7,698 | |
| FFL-16 | | | 4,650 | |
| FFL-17 | | | 6,900 | |
| FFL-18 | | | 10,124 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

eTECH Environmental & Safety Solutions, Inc.

# Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

| Sample ID | | PID/Odor | Chloride Conc. | GPS |
|---|---|---|---|---|
| NFFL-28@4' | 6.0 | | 1416 | |
| NFFL-29@4' | 4.6 | | 886 | |
| NFFL-30@4' | 4.8 | | 904 | |
| NFFL-31@4' | 4.6 | | 836 | |
| NFFL-32@4' | 4.2 | | 712 | |
| EW3 | 6.0 (H) | | 6372 | |
| WW3 | 2.0 | | 228 | |
| FFL-69 | 7.6 | | 6,252 | |
| FFL-70 | 7.0 | | 4,800 | |
| FFL-71 | 5.8 | | 1316 | |
| FFL-72 | 4.2 | | 712 | |
| FFL-73 | 7.6 | | 6,252 | |
| FFL-74 | 6.0 | | 1416 | |
| FFL-75 | 4.2 | | 712 | |
| FFL-76 | | | 9,286 | |
| FFL-77 | | | 9,286 | |
| FFL-78 | | | 11,658 | |
| NFFL-33@4' | 5.0 | | 976 | |
| NFFL-34@4' | 7.4 | | | |
| NFFL-35@4' | 6.6 | | 1748 | |
| NFFL-36@4' | 5.8 | | 1316 | |
| NFFL-37@4' | 5.0 | | 976 | |
| NFFL-38@4' | 6.6 | | 1748 | |
| EW4 | 6.0 (H) | | 6372 | |
| WW4 | 2.6 | | 332 | |
| NFFL-39@4' | 3.4 | | 500 | |
| NFFL-40@4' | 2.8 | | 368 | |
| NFFL-41@4' | 4.0 | | 652 | |
| NFFL-42@4' | 3.8 | | 600 | |
| NFFL-43@4' | 6.0 | | 1416 | |
| NFFL-44@4' | 6.8 | | | |
| NFFL-45@4' | 5.8 | | | |
| NFFL-46@4' | 4.6(H) | | | |
| NFFL-47@4' | 7.6 | | 6,252 | |
| NFFL-48@4' | 5.4 | | | |
| NFFL-49@4 | 5.0 | | 976 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

eTECH Environmental & Safety Solutions, Inc.

# Sample Log

Date: _____

Project:

Project Number: _____ Latitude: _____ Longitude: _____

| Sample ID | | PID/Odor | Chloride Conc. | GPS |
|---|---|---|---|---|
| NW1 | 1.0 | — | <116 | |
| NFFL-1@2' | 2.0 | — | 228 | |
| NFFL-2@2' | 2.6 | — | 332 | |
| WW1 | 2.8 | — | 368 | |
| EW1 | 1.0 | — | <116 | |
| NFFL-3@2' | 3.0 | — | 412 | |
| NFFL-4@2' | 3.0 | — | 412 | |
| NFFL-5@2' | 1.4 | — | <116 | |
| NFFL-6@2' | 2.8 | — | 368 | |
| NFFL-7@2' | 2.8 | — | 368 | |
| NW2 | 2.2 | — | 260 | |
| NW3 | 1.0 | — | <116 | |
| NFFL-8@4' | 7.0 | — | 2026 | |
| NFFL-9@4' | 6.6 | | 1.748 | |
| NFFL-10@4' | 4.2(H) | | 2.888 | |
| NFFL-11@4' | 6.8 | | 1,880 | |
| NFFL-12@4' | 5.0(H) | | 4.284 | |
| NFFL-13@4' | 7.2 | | 2.180 | |
| NFFL-14@4' | 5.2 | | 1,044 | |
| NFFL-15@4' | 4.0 | | 652 | |
| NFFL-16@4' | 4.0(H) | | 2.836 | |
| NFFL-17@4' | 4.2 | | 708 | |
| NFFL-18@4' | 5.0(H) | | 4.284 | |
| NFFL-19@4' | 6.8 | | 1,880 | |
| NFFL-20@4' | 4.0(H) | | 2.836 | |
| NFFL-21@4' | 4.0(H) | | 2.836 | |
| NFFL-22@4' | 6.8 | | 1,880 | |
| NFFL-23@4' | 5.0(H) | | 4,284 | |
| SW1 | 5.2 | | 1.044 | |
| SW2 | 4.0(H) | | 2.836 | |
| WW2 | 3.4 | | 500 | |
| NFFL-24@4' | 5.0 | | 976 | |
| SW3 | 3.4 | | 500 | |
| NFFL-25@4' | 3.4 | | 500 | |
| NFFL-26@4' | 3.2 | | 456 | |
| NFFL-27@4' | 5.8 | | 1,316 | |

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

# Appendix C
# Laboratory Analytical Reports

CARDINAL Laboratories

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

April 21, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BANDIT STATE SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 04/14/25 14:50.

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

Cardinal Laboratories is accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 1 @ 2' (H252209-01)

**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 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 3.18 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.13 | 106 | 2.00 | 3.00 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 2.64 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.26 | 104 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.7 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **192** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 182 | 91.2 | 200 | 0.0674 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 170 | 85.1 | 200 | 1.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *63.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *60.8 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 2 @ 2' (H252209-02)

**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 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 3.18 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.13 | 106 | 2.00 | 3.00 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 2.64 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.26 | 104 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **256** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 182 | 91.2 | 200 | 0.0674 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 170 | 85.1 | 200 | 1.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.8 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 3 @ 2' (H252209-03)

**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 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 3.18 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.13 | 106 | 2.00 | 3.00 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 2.64 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.26 | 104 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **736** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 182 | 91.2 | 200 | 0.0674 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 170 | 85.1 | 200 | 1.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *69.6 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 4 @ 2' (H252209-04)

**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 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 3.18 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.13 | 106 | 2.00 | 3.00 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 2.64 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.26 | 104 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **496** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 182 | 91.2 | 200 | 0.0674 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 170 | 85.1 | 200 | 1.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *63.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *59.2 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
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| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 5 @ 2' (H252209-05)

**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 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 3.18 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.13 | 106 | 2.00 | 3.00 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 2.64 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.26 | 104 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *98.1 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **144** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 182 | 91.2 | 200 | 0.0674 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 170 | 85.1 | 200 | 1.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *69.4 %* *40.6-153*

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 6 @ 2' (H252209-06)

**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 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 3.18 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.13 | 106 | 2.00 | 3.00 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 2.64 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.26 | 104 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.7 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **416** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 182 | 91.2 | 200 | 0.0674 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 170 | 85.1 | 200 | 1.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *66.7 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 7 @ 2' (H252209-07)

**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 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 3.18 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.13 | 106 | 2.00 | 3.00 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 2.64 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.26 | 104 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.7 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **400** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 182 | 91.2 | 200 | 0.0674 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 170 | 85.1 | 200 | 1.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *65.5 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 8 @ 4' (H252209-08)

**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 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 3.18 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.13 | 106 | 2.00 | 3.00 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 2.10 | 105 | 2.00 | 2.64 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.26 | 104 | 6.00 | 2.03 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.9 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3320** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/16/2025 | ND | 182 | 91.2 | 200 | 0.0674 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/16/2025 | ND | 170 | 85.1 | 200 | 1.76 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/16/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *81.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.7 %* *40.6-153*

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

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|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 9 @ 4' (H252209-09)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | QM-07 |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2320** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *69.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *64.2 %* *40.6-153*

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 10 @ 4' (H252209-10)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2840** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *70.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *63.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 11 @ 4' (H252209-11)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2440** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *63.9 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 12 @ 4' (H252209-12)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *128 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4480** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *69.2 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 13 @ 4' (H252209-13)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *130 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2760** | 16.0 | 04/15/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *70.4 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 14 @ 4' (H252209-14)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *128 %* *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** | **1520** | 16.0 | 04/15/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *72.0 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 15 @ 4' (H252209-15)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *130 %* *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** | **848** | 16.0 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *75.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.7 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 16 @ 4' (H252209-16)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *130 %* *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** | **3720** | 16.0 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *69.8 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 17 @ 4' (H252209-17)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *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** | **576** | 16.0 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.3 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NW 1 (H252209-18)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *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 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *70.4 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NW 2 (H252209-19)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *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 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *67.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *60.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NW 3 (H252209-20)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *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** | **576** | 16.0 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *70.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *66.7 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NW 4 (H252209-21)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *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** | **352** | 16.0 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *66.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: EW 1 (H252209-22)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *132 %* *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** | **176** | 16.0 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/15/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/15/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/15/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *66.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/14/2025 | Sampling Date: | 04/11/2025 |
| Reported: | 04/21/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 1 (H252209-23)

**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 | 04/16/2025 | ND | 1.82 | 91.0 | 2.00 | 1.27 | |
| Toluene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.93 | 96.6 | 2.00 | 3.29 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/16/2025 | ND | 1.90 | 94.9 | 2.00 | 4.48 | |
| Total Xylenes* | <0.150 | 0.150 | 04/16/2025 | ND | 6.48 | 108 | 6.00 | 1.46 | |
| Total BTEX | <0.300 | 0.300 | 04/16/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *129 %* *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** | **304** | 16.0 | 04/16/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/16/2025 | ND | 196 | 98.0 | 200 | 3.66 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/16/2025 | ND | 189 | 94.3 | 200 | 3.23 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/16/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.6 %* *40.6-153*

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## Notes and Definitions

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

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# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H252229 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NFFL 1 @ 2' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 2 | NFFL 2 @ 2' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 3 | NFFL 3 @ 2' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 4 | NFFL 4 @ 2' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 5 | NFFL 5 @ 2' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 6 | NFFL 6 @ 2' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 7 | NFFL 7 @ 2' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 8 | NFFL 8 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 9 | NFFL 9 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 10 | NFFL 10 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4-14-25 **Time:** 1450 | **Received By:** | **Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:** |
| | | | **All Results are emailed. Please provide Email address:** pm@etechenv.com |
| **Relinquished By:** | **Date:** **Time:** | **Received By:** | **REMARKS:** |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** 0.4 **Corrected Temp. °C** -0.1 | **Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No | **CHECKED BY: (Initials)** AD | **Turnaround Time:** Standard ☒ Rush ☐ 4-14-25 **Thermometer ID** #140 **Correction Factor** ~~-0.6°C~~ +0.3 |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.5 08/05/24

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

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

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# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H253209 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | NFFL 11 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 12 | NFFL 12 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 13 | NFFL 13 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 14 | NFFL 14 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 15 | NFFL 15 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 16 | NFFL 16 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 17 | NFFL 17 @ 4' | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 18 | NW 1 | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 19 | NW 2 | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 20 | NW 3 | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.14.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1450 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** -0.4 **Corrected Temp. °C** -0.1 | **Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No | **CHECKED BY: (Initials)** AD | **Turnaround Time:** Standard ☒ Rush ☐ AD 4-14-25 Thermometer ID #140 Correction Factor ~~-0.6°C~~ +0.3 |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.5 08/05/24

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# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H252209 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | NW 4 | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 22 | EW 1 | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |
| 23 | WW 1 | C | 1 | | | X | | | | | X | | 4/11/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.14.25 | **Received By:** | **Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:** |
| | **Time:** 1450 | | **All Results are emailed. Please provide Email address:** pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** 10.4 **Corrected Temp. °C** 10.1 | **Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No | **CHECKED BY: (Initials)** AT | **Turnaround Time:** Standard ☒ Rush ☐ 4D 4.14.25 **Thermometer ID** #140 **Correction Factor** ~~-0.6~~ °C +0.3 **Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C** |

FORM-006 R 3.5 08/05/24

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CARDINAL Laboratories

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

April 24, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BANDIT STATE SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 04/17/25 11:31.

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

Cardinal Laboratories is accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 18 @ 4' (H252327-01)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | 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** | **4800** | 16.0 | 04/17/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *86.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *85.2 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 19 @ 4' (H252327-02)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *118 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1630** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *90.7 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 20 @ 4' (H252327-03)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *118 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3400** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *92.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *90.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 21 @ 4' (H252327-04)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *120 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3320** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *94.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *93.2 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 22 @ 4' (H252327-05)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *120 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1800** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *95.2 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 23 @ 4' (H252327-06)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5120** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *96.0 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 24 @ 4' (H252327-07)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *124 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **864** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *70.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *69.2 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 25 @ 4' (H252327-08)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *120 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **624** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *85.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.5 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 26 @ 4' (H252327-09)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **576** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 210 | 105 | 200 | 0.493 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 99.9 | 200 | 1.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *86.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *84.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 27 @ 4' (H252327-10)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *118 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1090** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *81.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *77.1 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 28 @ 4' (H252327-11)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *118 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1740** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.9 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 29 @ 4' (H252327-12)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1220** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *85.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *81.2 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 30 @ 4' (H252327-13)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *118 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1090** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *85.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *80.7 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 31 @ 4' (H252327-14)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *118 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **752** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *82.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *77.7 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 32 @ 4' (H252327-15)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **848** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *79.0 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 33 @ 4' (H252327-16)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *119 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **512** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.5 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 34 @ 4' (H252327-17)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2640** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *70.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *67.6 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 35 @ 4' (H252327-18)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *120 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1520** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *71.9 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 36 @ 4' (H252327-19)

**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 | 04/21/2025 | ND | 2.12 | 106 | 2.00 | 5.70 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.14 | 107 | 2.00 | 0.601 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.26 | 113 | 2.00 | 1.08 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 6.67 | 111 | 6.00 | 2.26 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1140** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *79.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.2 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 37 @ 4' (H252327-20)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **592** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *82.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *78.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 38 @ 4' (H252327-21)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1700** | 16.0 | 04/21/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *84.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *80.2 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 39 @ 4' (H252327-22)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **592** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| **DRO >C10-C28*** | **13.2** | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *74.0 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 40 @ 4' (H252327-23)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *81.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *77.2 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 41 @ 4' (H252327-24)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.6 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 42 @ 4' (H252327-25)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **256** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.1 %* *40.6-153*

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 43 @ 4' (H252327-26)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **2800** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *88.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *85.0 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 44 @ 4' (H252327-27)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **3120** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *69.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *64.2 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 45 @ 4' (H252327-28)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **2610** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *69.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *64.1 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 46 @ 4' (H252327-29)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **5200** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 189 | 94.4 | 200 | 0.444 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 194 | 97.2 | 200 | 0.613 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *69.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *63.9 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 47 @ 4' (H252327-30)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **3200** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *72.7 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 48 @ 4' (H252327-31)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **1880** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *72.9 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 49 @ 4' (H252327-32)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **688** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *73.0 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 50 @ 4' (H252327-33)

**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 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **3680** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *74.8 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 51 @ 4' (H252327-34)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **3360** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *70.8 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 52 @ 4' (H252327-35)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **3520** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.3 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 53 @ 4' (H252327-36)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **864** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *75.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *72.1 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 54 @ 4' (H252327-37)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *103 %* *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** | **3600** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *62.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *61.7 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 55 @ 4' (H252327-38)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **2360** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *61.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *59.9 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 1 (H252327-39)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.06 | 103 | 2.00 | 0.366 | |
| Toluene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.07 | 104 | 2.00 | 0.307 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/21/2025 | ND | 2.01 | 101 | 2.00 | 0.0515 | |
| Total Xylenes* | <0.150 | 0.150 | 04/21/2025 | ND | 5.94 | 99.0 | 6.00 | 0.186 | |
| Total BTEX | <0.300 | 0.300 | 04/21/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **3000** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *60.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *58.9 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 2 (H252327-40)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **3360** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *70.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.7 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 3 (H252327-41)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **3320** | 16.0 | 04/21/2025 | ND | 480 | 120 | 400 | 6.90 | |

**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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *69.3 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 4 (H252327-42)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2960** | 16.0 | 04/21/2025 | ND | 416 | 104 | 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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *70.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.5 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 69 (H252327-43)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2600** | 16.0 | 04/21/2025 | ND | 416 | 104 | 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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *59.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *56.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 70 (H252327-44)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6880** | 16.0 | 04/21/2025 | ND | 416 | 104 | 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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| **DRO >C10-C28*** | **22.5** | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *70.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 71 (H252327-45)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1070** | 16.0 | 04/21/2025 | ND | 416 | 104 | 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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.9 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 72 (H252327-46)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **800** | 16.0 | 04/21/2025 | ND | 416 | 104 | 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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *73.5 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 73 (H252327-47)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7040** | 16.0 | 04/21/2025 | ND | 416 | 104 | 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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *72.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *70.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 74 (H252327-48)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1120** | 16.0 | 04/21/2025 | ND | 416 | 104 | 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 | 04/17/2025 | ND | 199 | 99.5 | 200 | 0.929 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/17/2025 | ND | 200 | 100 | 200 | 1.29 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/17/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *68.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *65.5 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 75 (H252327-49)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **880** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: ms

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 197 | 98.7 | 200 | 3.59 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 193 | 96.4 | 200 | 4.27 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *66.5 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 76 (H252327-50)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **17400** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| **DRO >C10-C28*** | **98.8** | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| **EXT DRO >C28-C36** | **22.9** | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *100 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 77 (H252327-51)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **19600** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| **DRO >C10-C28*** | **138** | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| **EXT DRO >C28-C36** | **18.1** | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *97.8 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 78 (H252327-52)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **21400** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| **DRO >C10-C28*** | **253** | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| **EXT DRO >C28-C36** | **85.2** | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *90.8 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: RF 1 @ 4' (H252327-53)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **784** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *94.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *91.0 %* *40.6-153*

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: RF 2 @ 4' (H252327-54)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **224** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *102 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *97.9 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: RF 3 @ 4' (H252327-55)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2000** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *93.2 %* *40.6-153*

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: RF 4 @ 4' (H252327-56)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1630** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *99.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *96.3 %* *40.6-153*

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: RF 5 @ 4' (H252327-57)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **880** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *92.7 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: RF 6 @ 4' (H252327-58)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1580** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *106 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *100 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: RF 7 @ 4' (H252327-59)

**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 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 3.34 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.14 | 107 | 2.00 | 2.43 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.00 | 100 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.00 | 100 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1040** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| **DRO >C10-C28*** | **33.7** | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *91.2 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: MW 1 (H252327-60)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *107 %* *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** | **304** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *94.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *89.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: EW 3 (H252327-61)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *111 %* *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** | **6560** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *102 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *94.9 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: EW 4 (H252327-62)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | 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** | **5120** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *99.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *95.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: EW 6 (H252327-63)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *109 %* *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** | **848** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *105 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *98.4 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: EW 7 (H252327-64)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1960** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *84.0 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: SW 1 (H252327-65)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *107 %* *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** | **1760** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *104 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *100 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: SW 2 (H252327-66)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *105 %* *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** | **3880** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *103 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *97.6 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: SW 3 (H252327-67)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **176** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *85.6 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 2 (H252327-68)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **144** | 16.0 | 04/22/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *103 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *97.9 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 3 (H252327-69)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **144** | 16.0 | 04/22/2025 | 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 | 04/21/2025 | ND | 194 | 96.8 | 200 | 6.11 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 182 | 91.2 | 200 | 8.95 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *86.9 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 4 (H252327-70)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **144** | 16.0 | 04/22/2025 | 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 | 04/21/2025 | ND | 215 | 108 | 200 | 1.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 208 | 104 | 200 | 0.230 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *82.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *76.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/17/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/24/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 6 (H252327-71)

**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 | 04/22/2025 | ND | 2.17 | 109 | 2.00 | 5.61 | |
| Toluene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.04 | 102 | 2.00 | 5.94 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/22/2025 | ND | 2.03 | 102 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/22/2025 | ND | 6.25 | 104 | 6.00 | 5.89 | |
| Total BTEX | <0.300 | 0.300 | 04/22/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **320** | 16.0 | 04/22/2025 | 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 | 04/21/2025 | ND | 215 | 108 | 200 | 1.89 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/21/2025 | ND | 208 | 104 | 200 | 0.230 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/21/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *86.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *78.7 %* *40.6-153*

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 |

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Page 74 of 81

CARDINAL Laboratories

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | |
| H852327 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NFFL 18 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 2 | NFFL 19 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 3 | NFFL 20 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 4 | NFFL 21 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 5 | NFFL 22 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 6 | NFFL 23 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 7 | NFFL 24 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 8 | NFFL 25 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 9 | NFFL 26 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 10 | NFFL 27 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.17.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1131 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** 2.8 | **Sample Condition** Cool ☑ Yes Intact ☑ Yes | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ |
| Sampler - UPS - Bus - Other: | **Corrected Temp. °C** 2.5 | ☐ No ☐ No | SR | Thermometer ID #140 Correction Factor -0.6°C 10.3 |

**Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C



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

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

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# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H252327 | | | | | | | | | | | | | | | | | |
| 11 | NFFL 28 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 12 | NFFL 29 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 13 | NFFL 30 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 14 | NFFL 31 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 15 | NFFL 32 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 16 | NFFL 33 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 17 | NFFL 34 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 18 | NFFL 35 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 19 | NFFL 36 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |
| 20 | NFFL 37 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.17.25 **Time:** 1131 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** **Time:** | **Received By:** | **REMARKS:** |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** 2.8 **Corrected Temp. °C** 2.5 | **Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No | **CHECKED BY: (Initials)** SK | **Turnaround Time:** Standard ☒ Rush ☐ Thermometer ID #140 Correction Factor ~~0.0°C~~ 10.3 |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H252327 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | NFFL 38 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 22 | NFFL 39 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 23 | NFFL 40 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 24 | NFFL 41 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 25 | NFFL 42 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 26 | NFFL 43 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 27 | NFFL 44 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 28 | NFFL 45 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 29 | NFFL 46 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 30 | NFFL 47 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.1.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1131 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | REMARKS: |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** -2.8 | **Sample Condition** Cool ☑ Yes Intact ☐ Yes | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ |
| Sampler - UPS - Bus - Other: | **Corrected Temp. °C** -2.5 | ☐ No ☐ No | SR | Thermometer ID #140 Correction Factor -0.5°C +0.3 |

**Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H252327 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | NFFL 48 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 32 | NFFL 49 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 33 | NFFL 50 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 34 | NFFL 51 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 35 | NFFL 52 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 36 | NFFL 53 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 37 | NFFL 54 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 38 | NFFL 55 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 39 | FFL 1 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 40 | FFL 2 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.17.25 | **Received By:** SRodriguez | **Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:** |
| | **Time:** 1131 | | **All Results are emailed. Please provide Email address:** pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** -2.8 | **Sample Condition** Cool Intact | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ |
| **Sampler - UPS - Bus - Other:** | **Corrected Temp. °C** -2.5 | ☐ Yes ☐ Yes ☐ No ☐ No | SR | **Thermometer ID** #140 **Correction Factor** -0.6°C +0.3 |

**Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**



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# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | |
| H252327 | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | FFL 3 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 42 | FFL 4 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 43 | FFL 69 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 44 | FFL 70 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 45 | FFL 71 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 46 | FFL 72 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 47 | FFL 73 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 48 | FFL 74 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 49 | FFL 75 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |
| 50 | FFL 76 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4-17-25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1131 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** -2.8 | **Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ |
| **Sampler - UPS - Bus - Other:** | **Corrected Temp. °C** -2.8 | | | **Thermometer ID** #140 **Correction Factor** -0.5°C +0.3 |

**Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

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CARDINAL Laboratories

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H052327 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51 | FFL 77 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 52 | FFL 78 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 53 | RF 1 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 54 | RF 2 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 55 | RF 3 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 56 | RF 4 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 57 | RF 5 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 58 | RF 6 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 59 | RF 7 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 60 | MW 1 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** | **Received By:** | **Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:** |
| | **Time:** | | **All Results are emailed. Please provide Email address:** pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** **Corrected Temp. °C** | **Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ **Thermometer ID #140** **Correction Factor -0.6°C** |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

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# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H252327 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | EW 3 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 62 | EW 4 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 63 | EW 6 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 64 | EW 7 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 65 | SW 1 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 66 | SW 2 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 67 | SW 3 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 68 | WW 2 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 69 | WW 3 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 70 | WW 4 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.17.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1131 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | REMARKS: |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** -2.8 | **Sample Condition** Cool: ☑ Yes ☐ No; Intact: ☑ Yes ☐ No | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ |
| Sampler - UPS - Bus - Other: | **Corrected Temp. °C** -2.5 | | | **Thermometer ID** #140 **Correction Factor** ~~-0.6°C~~ +0.3 |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No; Intact: ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.5 08/05/24

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

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

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Page 81 of 81

# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | | |
| H252327 71 | WW 6 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.17.25 **Time:** 1131 | **Received By:** SRodriguez | **Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:** |
| **Relinquished By:** | **Date:** **Time:** | **Received By:** | **All Results are emailed. Please provide Email address:** pm@etechenv.com |
| | | | **REMARKS:** |

| | | | | | |
|---|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** -2.8 **Corrected Temp. °C** -2.5 | **Sample Condition** Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No | **CHECKED BY: (Initials)** SR | **Turnaround Time:** Standard ☒ Rush ☐ **Thermometer ID** #140 **Correction Factor** -0.5°C +0.3 | **Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C** |

FORM-006 R 3.5 08/05/24

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

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

CARDINAL Laboratories

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

April 25, 2025

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BANDIT STATE SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 04/21/25 15:41.

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

Cardinal Laboratories is accreditated 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

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 56 @ 4' (H252373-01)

**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 | 04/24/2025 | ND | 2.09 | 105 | 2.00 | 2.76 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.11 | 106 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.06 | 103 | 2.00 | 2.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.05 | 101 | 6.00 | 2.76 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **2030** | 16.0 | 04/23/2025 | ND | 416 | 104 | 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 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *101 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *90.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 57 @ 4' (H252373-02)

**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 | 04/24/2025 | ND | 2.09 | 105 | 2.00 | 2.76 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.11 | 106 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.06 | 103 | 2.00 | 2.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.05 | 101 | 6.00 | 2.76 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *100 %* *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** | **576** | 16.0 | 04/23/2025 | ND | 416 | 104 | 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 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *92.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *82.2 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 58 @ 4' (H252373-03)

**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 | 04/24/2025 | ND | 2.09 | 105 | 2.00 | 2.76 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.11 | 106 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.06 | 103 | 2.00 | 2.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.05 | 101 | 6.00 | 2.76 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1300** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *102 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *92.3 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 59 @ 4' (H252373-04)

**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 | 04/24/2025 | ND | 2.09 | 105 | 2.00 | 2.76 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.11 | 106 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.06 | 103 | 2.00 | 2.84 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.05 | 101 | 6.00 | 2.76 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1760** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *103 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *92.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 7 (H252373-05)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **256** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *88.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 8 (H252373-06)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.7 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **96.0** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *88.0 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 9 (H252373-07)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.9 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **96.0** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *63.8 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: EW 8 (H252373-08)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.9 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1490** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *71.1 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: EW 9 (H252373-09)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2880** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *65.2 %* *40.6-153*

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Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 5 (H252373-10)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **15400** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| **DRO >C10-C28*** | **77.4** | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *67.1 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 6 (H252373-11)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.8 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **6800** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *78.2 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 7 (H252373-12)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8130** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 224 | 112 | 200 | 0.160 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 214 | 107 | 200 | 1.31 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *71.6 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 8 (H252373-13)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.5 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **21200** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| **DRO >C10-C28*** | **65.1** | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| **EXT DRO >C28-C36** | **13.0** | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *81.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *82.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 9 (H252373-14)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8930** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *81.3 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 10 (H252373-15)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4640** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *80.3 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 11 (H252373-16)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **19600** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| **DRO >C10-C28*** | **163** | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| **EXT DRO >C28-C36** | **52.7** | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *86.8 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 12 (H252373-17)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.3 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **19600** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| **DRO >C10-C28*** | **75.8** | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| **EXT DRO >C28-C36** | **16.9** | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *73.4 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 13 (H252373-18)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *98.8 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **22400** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| **DRO >C10-C28*** | **205** | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| **EXT DRO >C28-C36** | **66.1** | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *75.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *79.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 14 (H252373-19)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **9600** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *71.1 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 15 (H252373-20)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **9460** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *82.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *80.3 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 16 (H252373-21)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **23000** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| **DRO >C10-C28*** | **29.7** | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *78.0 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 17 (H252373-22)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.0 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7460** | 16.0 | 04/23/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *65.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *63.2 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 18 (H252373-23)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **18000** | 16.0 | 04/23/2025 | ND | 416 | 104 | 400 | 3.77 | QM-07 |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| **DRO >C10-C28*** | **109** | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| **EXT DRO >C28-C36** | **33.8** | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *60.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *61.4 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/21/2025 | Sampling Date: | 04/16/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 19 (H252373-24)

**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 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.23 | 112 | 2.00 | 1.68 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.20 | 110 | 2.00 | 2.82 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.52 | 109 | 6.00 | 3.03 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.3 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2420** | 16.0 | 04/23/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/23/2025 | ND | 218 | 109 | 200 | 2.42 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/23/2025 | ND | 206 | 103 | 200 | 3.20 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/23/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *78.3 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Notes and Definitions

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

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# CARDINAL Laboratories

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(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H252373 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | NFFL 56 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 2 | NFFL 57 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 3 | NFFL 58 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 4 | NFFL 59 @ 4' | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 5 | WW 7 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 6 | WW 8 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 7 | WW 9 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 8 | EW 8 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 9 | EW 9 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 10 | FFL 5 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.21.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1541 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** 4.2 | **Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ |
| **Sampler - UPS - Bus - Other:** | **Corrected Temp. °C** 3.9 | | | **Thermometer ID** #140 **Correction Factor** -0.6°C +0.3 |

**Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

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# CARDINAL Laboratories

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(575) 393-2326 FAX (575) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H252373 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | FFL 6 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 12 | FFL 7 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 13 | FFL 8 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 14 | FFL 9 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 15 | FFL 10 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 16 | FFL 11 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 17 | FFL 12 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 18 | FFL 13 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 19 | FFL 14 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 20 | FFL 15 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.21.25 | **Received By:** SRodriguez | **Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:** |
| | **Time:** 1541 | | **All Results are emailed. Please provide Email address:** pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** 4.2 **Corrected Temp. °C** 3.9 | **Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No | **CHECKED BY: (Initials)** SR | **Turnaround Time:** Standard ☒ Rush ☐ **Thermometer ID** #140 **Correction Factor** ~~0.6°C~~ +0.5 |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

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CARDINAL Laboratories

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(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H259373 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | FFL 16 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 22 | FFL 17 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 23 | FFL 18 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |
| 24 | FFL 19 | C | 1 | | | X | | | | | X | | 4/16/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.21.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1541 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** -4.2 | **Sample Condition** Cool Intact | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ |
| Sampler - UPS - Bus - Other: | **Corrected Temp. °C** -3.9 | ☐ Yes ☐ Yes ☐ No ☐ No | SR | Thermometer ID #140 Correction Factor -0.6°C +0.3 |

**Bacteria (only) Sample Condition** Cool Intact Observed Temp. °C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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April 25, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BANDIT STATE SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 04/24/25 15:13.

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

Cardinal Laboratories is accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 60 @ 4' (H252485-01)

**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 | 04/24/2025 | ND | 2.10 | 105 | 2.00 | 1.63 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.11 | 106 | 2.00 | 1.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.05 | 103 | 2.00 | 1.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.03 | 101 | 6.00 | 1.70 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.8 %* *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** | **1630** | 16.0 | 04/25/2025 | ND | 416 | 104 | 400 | 7.41 | QM-07 |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/24/2025 | ND | 187 | 93.7 | 200 | 1.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/24/2025 | ND | 180 | 90.2 | 200 | 2.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/24/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *79.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *78.6 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 61 @ 4' (H252485-02)

**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 | 04/24/2025 | ND | 2.10 | 105 | 2.00 | 1.63 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.11 | 106 | 2.00 | 1.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.05 | 103 | 2.00 | 1.67 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.03 | 101 | 6.00 | 1.70 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **1380** | 16.0 | 04/25/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/24/2025 | ND | 187 | 93.7 | 200 | 1.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/24/2025 | ND | 180 | 90.2 | 200 | 2.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/24/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *82.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.4 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 62 @ 4' (H252485-03)

**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 | 04/24/2025 | ND | 2.15 | 108 | 2.00 | 5.85 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.02 | 101 | 2.00 | 6.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 1.99 | 99.7 | 2.00 | 5.73 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.19 | 103 | 6.00 | 6.22 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | 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** | **1420** | 16.0 | 04/25/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/24/2025 | ND | 187 | 93.7 | 200 | 1.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/24/2025 | ND | 180 | 90.2 | 200 | 2.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/24/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *84.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *86.4 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NW 5 (H252485-04)

**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 | 04/24/2025 | ND | 2.15 | 108 | 2.00 | 5.85 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.02 | 101 | 2.00 | 6.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 1.99 | 99.7 | 2.00 | 5.73 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.19 | 103 | 6.00 | 6.22 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: HM

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **160** | 16.0 | 04/25/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/24/2025 | ND | 187 | 93.7 | 200 | 1.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/24/2025 | ND | 180 | 90.2 | 200 | 2.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/24/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *82.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: SW 5 (H252485-05)

**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 | 04/24/2025 | ND | 2.15 | 108 | 2.00 | 5.85 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.02 | 101 | 2.00 | 6.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 1.99 | 99.7 | 2.00 | 5.73 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.19 | 103 | 6.00 | 6.22 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | 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** | **176** | 16.0 | 04/25/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/24/2025 | ND | 187 | 93.7 | 200 | 1.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/24/2025 | ND | 180 | 90.2 | 200 | 2.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/24/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *86.5 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/25/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 5 (H252485-06)

**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 | 04/24/2025 | ND | 2.15 | 108 | 2.00 | 5.85 | |
| Toluene* | <0.050 | 0.050 | 04/24/2025 | ND | 2.02 | 101 | 2.00 | 6.56 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/24/2025 | ND | 1.99 | 99.7 | 2.00 | 5.73 | |
| Total Xylenes* | <0.150 | 0.150 | 04/24/2025 | ND | 6.19 | 103 | 6.00 | 6.22 | |
| Total BTEX | <0.300 | 0.300 | 04/24/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *107 %* *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** | **2350** | 16.0 | 04/25/2025 | ND | 416 | 104 | 400 | 7.41 | |

**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 | 04/24/2025 | ND | 187 | 93.7 | 200 | 1.64 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/24/2025 | ND | 180 | 90.2 | 200 | 2.63 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/24/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *84.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *85.4 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

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# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 1 of 1

| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | ANALYSIS REQUEST: Chloride | TPH (8015M) | BTEX (8021B) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H25248S | | | | | | | | | | | | | | | | | |
| 1 | NFFL 60 @ 4' | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 2 | NFFL 61 @ 4' | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 3 | NFFL 62 @ 4' | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 4 | NW 5 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 5 | SW 5 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 6 | WW 5 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.24.25 | **Received By:** | |
| | **Time:** 1513 | | |
| **Relinquished By:** | **Date:** | **Received By:** | |
| | **Time:** | | |

**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**

**All Results are emailed. Please provide Email address:** pm@etechenv.com

**REMARKS:** 24H Rush

**Turnaround Time:** Standard ☐ Rush ☒

**Thermometer ID** #140 **Correction Factor** ~~-0.5°C~~ +0.3°C

| Delivered By: (Circle One) | Observed Temp. °C | Sample Condition: Cool | Intact | CHECKED BY: (Initials) | Bacteria (only) Sample Condition: Cool | Intact | Observed Temp. °C |
|---|---|---|---|---|---|---|---|
| Sampler - UPS - Bus - Other: | Corrected Temp. °C | ☒ Yes ☐ No | ☒ Yes ☐ No | | ☐ Yes ☐ No | ☐ Yes ☐ No | Corrected Temp. °C |
| | ± 0.4 | | | | | | |
| | ± 0.1 | | | | | | |

FORM-006 R 3.5 08/05/24

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

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

CARDINAL Laboratories

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

April 30, 2025

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BANDIT STATE SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 04/24/25 15:13.

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

Cardinal Laboratories is accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 20 (H252493-01)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.6 %* *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** | **20800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| **DRO >C10-C28*** | **71.5** | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| **EXT DRO >C28-C36** | **20.7** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *82.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.4 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 21 (H252493-02)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *103 %* *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** | **10400** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *90.4 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 22 (H252493-03)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **16000** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *95.2 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 23 (H252493-04)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **29200** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| **DRO >C10-C28*** | **56.4** | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *90.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *91.3 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 24 (H252493-05)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *103 %* *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** | **36800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| **DRO >C10-C28*** | **107** | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| **EXT DRO >C28-C36** | **37.3** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *92.5 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 25 (H252493-06)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **41200** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| **DRO >C10-C28*** | **119** | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| **EXT DRO >C28-C36** | **35.1** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *85.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *87.3 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 26 (H252493-07)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *103 %* *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** | **20800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| **DRO >C10-C28*** | **259** | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| **EXT DRO >C28-C36** | **76.4** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *88.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *93.0 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 27 (H252493-08)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **10600** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *89.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *88.2 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 28 (H252493-09)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **18000** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| **DRO >C10-C28*** | **49.2** | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *91.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 29 (H252493-10)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *103 %* *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** | **11000** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *90.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *87.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 30 (H252493-11)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *103 %* *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** | **2960** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *96.2 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 31 (H252493-12)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **6560** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 207 | 104 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 199 | 99.7 | 200 | 2.34 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *93.3 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 32 (H252493-13)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 2.74 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.23 | 111 | 2.00 | 3.30 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.06 | 103 | 2.00 | 3.79 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.19 | 103 | 6.00 | 4.04 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **35200** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **65.1** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | QM-07 |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *86.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.7 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 33 (H252493-14)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **10000** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *87.0 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 34 (H252493-15)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **9600** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *85.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *80.3 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 35 (H252493-16)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **22000** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **75.0** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *86.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 37 (H252493-18)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.0 %* *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** | **18400** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **63.2** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *90.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *88.4 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 38 (H252493-19)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.3 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 39 (H252493-20)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10600** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *81.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *76.8 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 40 (H252493-21)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *111 %* *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** | **20800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **543** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| **EXT DRO >C28-C36** | **123** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *85.5 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 41 (H252493-22)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **11400** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *90.3 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 42 (H252493-23)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *110 %* *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** | **18200** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **220** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| **EXT DRO >C28-C36** | **34.4** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *95.8 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 43 (H252493-24)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **16800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **127** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| **EXT DRO >C28-C36** | **18.5** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *134 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *134 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 44 (H252493-25)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **21000** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **76.7** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *92.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 45 (H252493-26)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *105 %* *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** | **18200** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **62.2** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *95.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *93.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 46 (H252493-27)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *99.6 %* *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** | **7460** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *97.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *94.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 47 (H252493-28)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **17800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **75.5** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *98.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *99.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 48 (H252493-29)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **18800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **48.4** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *65.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *62.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 49 (H252493-30)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *98.3 %* *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** | **17600** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **53.3** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *67.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *63.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 50 (H252493-31)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **18800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| **DRO >C10-C28*** | **86.7** | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| **EXT DRO >C28-C36** | **16.2** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *68.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *65.3 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 51 (H252493-32)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *96.7 %* *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** | **2210** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *75.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *70.8 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 52 (H252493-33)

**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 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5120** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 184 | 92.2 | 200 | 0.704 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 191 | 95.6 | 200 | 0.252 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *71.8 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 53 (H252493-34)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.18 | 109 | 2.00 | 2.35 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.07 | 104 | 2.00 | 4.99 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.04 | 102 | 2.00 | 5.72 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 6.32 | 105 | 6.00 | 4.95 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: CT

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **5600** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *75.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *72.0 %* *40.6-153*

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Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 54 (H252493-35)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *115 %* *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** | **7920** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *73.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 55 (H252493-36)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *118 %* *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** | **19800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **41.3** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *74.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *72.3 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 56 (H252493-37)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **14000** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **37.3** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *70.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.2 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 57 (H252493-38)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *123 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **20200** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **15.7** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *76.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 58 (H252493-39)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *115 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **7200** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *68.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *65.4 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 59 (H252493-40)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *115 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **15600** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **38.1** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *61.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *59.4 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 60 (H252493-41)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **15800** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **21.4** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *68.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *65.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 61 (H252493-42)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *126 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **18000** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **28.1** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *70.7 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 62 (H252493-43)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **17000** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **30.1** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *72.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *69.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 63 (H252493-44)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10400** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *72.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 64 (H252493-45)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *122 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **17400** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **37.6** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *64.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *62.3 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 65 (H252493-46)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **16600** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **20.4** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *71.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.6 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 66 (H252493-47)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **8800** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *81.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *79.3 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 67 (H252493-48)

**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 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *124 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **20000** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **25.0** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *79.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *76.4 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 68 (H252493-49)

**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 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **1760** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *68.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *66.1 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 79 (H252493-50)

**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 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **14000** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **99.2** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| **EXT DRO >C28-C36** | **57.6** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *69.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *68.8 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 3 @ 4' (H252493-51)

**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 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3480** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *74.4 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: SW 4 (H252493-52)

**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 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **15800** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| **DRO >C10-C28*** | **140** | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| **EXT DRO >C28-C36** | **88.2** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *73.5 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: MW 2 (H252493-53)

**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 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *120 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **160** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 100 | 200 | 2.37 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 197 | 98.3 | 200 | 3.48 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *68.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *64.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: MW 3 (H252493-54)

**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 | 04/28/2025 | ND | 2.24 | 112 | 2.00 | 3.14 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.28 | 114 | 2.00 | 0.574 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 2.38 | 119 | 2.00 | 2.29 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 7.19 | 120 | 6.00 | 3.16 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *122 %* *71.5-134*

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2120** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| **DRO >C10-C28*** | **136** | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| **EXT DRO >C28-C36** | **41.7** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *79.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *79.6 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DT 1 @ 1' (H252493-55)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **12000** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *78.8 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DT 1 @ 14' (H252493-56)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **4960** | 16.0 | 04/28/2025 | ND | 416 | 104 | 400 | 3.77 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *84.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *81.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DT 1 @ 20'-R (H252493-57)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | 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** | **3200** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *81.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *79.0 %* *40.6-153*

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Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 1 @ 6" (H252493-58)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | 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** | **1250** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *74.8 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 1 @ 4'-R (H252493-59)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | 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** | **5760** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| **DRO >C10-C28*** | **173** | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| **EXT DRO >C28-C36** | **42.2** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *73.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.0 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 2 @ 6" (H252493-60)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **22600** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| **DRO >C10-C28*** | **31.8** | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *130 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *133 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 2 @ 4'-R (H252493-61)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **2800** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| **DRO >C10-C28*** | **17.9** | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *74.4 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 3 @ 6" (H252493-62)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **35200** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *73.2 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 3 @ 4'-R (H252493-63)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | 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** | **1840** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| **DRO >C10-C28*** | **147** | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| **EXT DRO >C28-C36** | **37.7** | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *85.5 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 4 @ 6" (H252493-64)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **37600** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *80.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *78.1 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 4 @ 9'-R (H252493-65)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **3200** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *79.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *77.0 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 5 @ 6" (H252493-66)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *106 %* *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** | **1010** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.1 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/24/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 04/30/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: DEF 5 @ 4'-R (H252493-67)

**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 | 04/28/2025 | ND | 2.14 | 107 | 2.00 | 1.37 | |
| Toluene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.99 | 99.7 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/28/2025 | ND | 1.92 | 96.2 | 2.00 | 1.02 | |
| Total Xylenes* | <0.150 | 0.150 | 04/28/2025 | ND | 5.88 | 98.0 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 04/28/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *106 %* *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** | **2450** | 16.0 | 04/28/2025 | 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 | 04/28/2025 | ND | 200 | 99.9 | 200 | 1.10 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 189 | 94.5 | 200 | 1.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *75.5 %* *40.6-153*

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## Notes and Definitions

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

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# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | | |
| H258493 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | FFL 20 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 2 | FFL 21 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 3 | FFL 22 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 4 | FFL 23 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 5 | FFL 24 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 6 | FFL 25 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 7 | FFL 26 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 8 | FFL 27 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 9 | FFL 28 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 10 | FFL 29 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4/24/25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1513 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** -0.4 | **Sample Condition** Cool Intact | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ RUSH ☐ |
| Sampler - UPS - Bus - Other: | **Corrected Temp. °C** 0.1 | ☐ Yes ☐ Yes ☐ No ☐ No | SR | Thermometer ID #140 Correction Factor -0.5°C 10-83 |

**Bacteria (only) Sample Condition** Cool Intact Observed Temp. °C ☐ Yes ☐ Yes ☐ No ☐ No Corrected Temp. °C

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | |
| H252493 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | FFL 30 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 12 | FFL 31 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 13 | FFL 32 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 14 | FFL 33 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 15 | FFL 34 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 16 | FFL 35 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| ~~17~~ | ~~FFL 36~~ | ~~C~~ | ~~1~~ | | | ~~X~~ | | | | | ~~X~~ | | ~~4/24/25~~ | | X | X | X | NO sample | | | | | | | |
| 18 | FFL 37 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 19 | FFL 38 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 20 | FFL 39 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |

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| | | | | | |
|---|---|---|---|---|---|
| **Relinquished By:** | **Date:** 4.24.25 | **Received By:** | **Verbal Result:** ☐ Yes ☐ No | **Add'l Phone #:** | |
| | **Time:** 1513 | | **All Results are emailed. Please provide Email address:** pm@etechenv.com | | |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** * sample #17 was ~~on sample~~ empty JAR. Removed from COC. | | |
| | **Time:** | | | | |
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** -0.4 **Corrected Temp. °C** -0.1 | **Sample Condition** Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No | **CHECKED BY: (Initials)** SR | **Turnaround Time:** Standard RUSH ☒ ☐ **Thermometer ID** #140 **Correction Factor** ~~-0.6°C~~ -0.3 | **Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C** |

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1425293 | | | | | | | | | | | | | | | | | |
| 21 | FFL 40 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 22 | FFL 41 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 23 | FFL 42 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 24 | FFL 43 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 25 | FFL 44 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 26 | FFL 45 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 27 | FFL 46 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 28 | FFL 47 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 29 | FFL 48 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 30 | FFL 49 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |

ANALYSIS REQUEST

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.24.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 513 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | REMARKS: |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** -0.4 **Corrected Temp. °C** -0.1 | **Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No | **CHECKED BY: (Initials)** SRC | **Turnaround Time:** Standard [X] Rush [ ] **Thermometer ID** #140 **Correction Factor** ~~-0.6°C~~ -0.3 **Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C** |

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | |
| H259493 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | FFL 50 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 32 | FFL 51 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 33 | FFL 52 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 34 | FFL 53 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 35 | FFL 54 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 36 | FFL 55 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 37 | FFL 56 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 38 | FFL 57 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 39 | FFL 58 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |
| 40 | FFL 59 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.24.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1513 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | REMARKS: |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** -0.4 | **Sample Condition** Cool Intact | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard [X] RUSH [ ] |
| Sampler - UPS - Bus - Other: | **Corrected Temp. °C** -0.1 | ~~Yes~~ ~~Yes~~ / No No | BR | Thermometer ID #140 Correction Factor ~~-0.6~~ °C +0.3 |

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | ANALYSIS REQUEST: Chloride | TPH (8015M) | BTEX (8021B) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H250493 | | | | | | | | | | | | | | | | | |
| 41 | FFL 60 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 42 | FFL 61 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 43 | FFL 62 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 44 | FFL 63 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 45 | FFL 64 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 46 | FFL 65 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 47 | FFL 66 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 48 | FFL 67 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 49 | FFL 68 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 50 | FFL 79 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.24.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1513 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | REMARKS: |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** -0.4 **Corrected Temp. °C** -0.1 | **Sample Condition** Cool: ~~Yes~~ No; Intact: ~~Yes~~ No | **CHECKED BY: (Initials)** SR | **Turnaround Time:** Standard RUSH ☒ ☐ **Thermometer ID** #140 **Correction Factor** ~~-0.5°C~~ +0.3 |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No; Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | ANALYSIS REQUEST: Chloride | TPH (8015M) | BTEX (8021B) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H252493 | | | | | | | | | | | | | | | | | |
| 51 | NFFL 3 @ 4' | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 52 | SW 4 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 53 | MW 2 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 54 | MW 3 | C | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 55 | DT 1 @ 1' | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 56 | DT 1 @ 14' | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 57 | DT 1 @ 20'-R | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 58 | DEF 1 @ 6" | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 59 | DEF 1 @ 4'-R | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 60 | DEF 2 @ 6" | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.24.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 513 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** 0.4 **Corrected Temp. °C** -0.1 | **Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard ☒ Rush ☐ **Thermometer ID** #140 **Correction Factor** -0.6°C → 0.3 |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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| | | | |
|---|---|---|---|
| Company Name: | Etech Environmental & Safety Solutions, Inc. | BILL TO | |
| Project Manager: | Joel Lowry | P.O. #: | |
| Address: | 2617 West Marland | Company: | Etech |
| City: | Hobbs | Attn: | Joel Lowry |
| State: | NM | Address: | |
| Zip: | 88240 | City: | |
| Phone #: | (575) 264-9884 | State: | Zip: |
| Fax #: | | Phone #: | |
| Project #: | 21643 | Fax #: | |
| Project Owner: | 3 R Operating | | |
| Project Name: | Bandit State SWD #001 | | |
| Project Location: | 32.32091, -104.28336 | | |
| Sampler Name: | Addison Elston | | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) |
| H252493 | | | | | | | | | | | | | | | | | | |
| 61 | DEF 2 @ 4'-R | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 62 | DEF 3 @ 6" | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 63 | DEF 3 @ 4'-R | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 64 | DEF 4 @ 6" | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 65 | DEF 4 @ 9'-R | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 66 | DEF 5 @ 6" | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |
| 67 | DEF 5 @ 4'-R | G | 1 | | | X | | | | | X | | 4/24/25 | | X | X | X |

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| | | | |
|---|---|---|---|
| Relinquished By: | Date: 4-24-25 | Received By: | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | Time: 1513 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| Relinquished By: | Date: | Received By: | REMARKS: |
| | Time: | | |
| Delivered By: (Circle One) | Observed Temp. °C -0.4 | Sample Condition Cool Intact | CHECKED BY: (Initials) |
| Sampler - UPS - Bus - Other: | Corrected Temp. °C -0.1 | ☐ Yes ☐ Yes ☐ No ☐ No | |

Turnaround Time: Standard [X] Rush

Thermometer ID #140 Correction Factor -0.8°C +0.3

Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.5 08/05/24

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

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

CARDINAL Laboratories

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

May 01, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BANDIT STATE SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 04/25/25 14:45.

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

Cardinal Laboratories is accreditated 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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/25/2025 | Sampling Date: | 04/24/2025 |
| Reported: | 05/01/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 78B (H252516-01)

**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 | 04/29/2025 | ND | 2.04 | 102 | 2.00 | 5.71 | |
| Toluene* | <0.050 | 0.050 | 04/29/2025 | ND | 1.94 | 96.9 | 2.00 | 5.27 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/29/2025 | ND | 1.90 | 95.1 | 2.00 | 4.74 | |
| Total Xylenes* | <0.150 | 0.150 | 04/29/2025 | ND | 5.87 | 97.8 | 6.00 | 4.61 | |
| Total BTEX | <0.300 | 0.300 | 04/29/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *104 %* *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** | **18800** | 16.0 | 04/28/2025 | ND | 400 | 100 | 400 | 7.69 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/28/2025 | ND | 202 | 101 | 200 | 3.84 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/28/2025 | ND | 203 | 102 | 200 | 2.55 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/28/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *106 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *107 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Notes and Definitions

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

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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CARDINAL Laboratories

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



Page 1 of 1

| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab I.D.** | **Sample I.D.** | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | | | | | | | | |
| H250516 | FFL 79B | C | 1 | | · | X | | | | | X | | 4/24/25 | | X | X | X | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.25.25 | **Received By:** | Verbal Result: ☐ Yes ☐ No Add'l Phone #: |
| | **Time:** 1445 | | All Results are emailed. Please provide Email address: pm@etechenv.com |
| **Relinquished By:** | **Date:** | **Received By:** | **REMARKS:** |
| | **Time:** | | |

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** | **Observed Temp. °C** -4.2 | **Sample Condition** Cool Yes ☑ Intact Yes ☑ | **CHECKED BY: (Initials)** | **Turnaround Time:** Standard X Rush ☐ |
| Sampler - UPS - Bus - Other: | **Corrected Temp. °C** -3.9 | No ☐ No ☐ | AR | Thermometer ID #140 AP 4.25.25 Correction Factor -0.6°C +0.3 |

**Bacteria (only) Sample Condition** Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.5 08/05/24

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

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

CARDINAL Laboratories

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

May 05, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BANDIT STATE SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 04/29/25 14:53.

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

Cardinal Laboratories is accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/29/2025 | Sampling Date: | 04/29/2025 |
| Reported: | 05/05/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 8 B (H252569-01)

**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 | 04/30/2025 | ND | 2.21 | 111 | 2.00 | 13.7 | |
| Toluene* | <0.050 | 0.050 | 04/30/2025 | ND | 2.15 | 107 | 2.00 | 13.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2025 | ND | 2.13 | 107 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2025 | ND | 6.69 | 111 | 6.00 | 14.1 | |
| Total BTEX | <0.300 | 0.300 | 04/30/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *100 %* *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** | **4240** | 16.0 | 04/30/2025 | ND | 400 | 100 | 400 | 18.2 | QM-07 |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 04/30/2025 | ND | 199 | 99.7 | 200 | 2.70 | |
| **DRO >C10-C28*** | **27.3** | 10.0 | 04/30/2025 | ND | 188 | 93.9 | 200 | 1.99 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *77.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *73.7 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/29/2025 | Sampling Date: | 04/29/2025 |
| Reported: | 05/05/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 13 B (H252569-02)

**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 | 04/30/2025 | ND | 2.21 | 111 | 2.00 | 13.7 | |
| Toluene* | <0.050 | 0.050 | 04/30/2025 | ND | 2.15 | 107 | 2.00 | 13.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2025 | ND | 2.13 | 107 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2025 | ND | 6.69 | 111 | 6.00 | 14.1 | |
| Total BTEX | <0.300 | 0.300 | 04/30/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *101 %* *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** | **5680** | 16.0 | 04/30/2025 | ND | 400 | 100 | 400 | 18.2 | |

**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 | 04/30/2025 | ND | 199 | 99.7 | 200 | 2.70 | |
| **DRO >C10-C28*** | **18.8** | 10.0 | 04/30/2025 | ND | 188 | 93.9 | 200 | 1.99 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *78.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *74.0 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 04/29/2025 | Sampling Date: | 04/29/2025 |
| Reported: | 05/05/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 16 B (H252569-03)

**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 | 04/30/2025 | ND | 2.21 | 111 | 2.00 | 13.7 | |
| Toluene* | <0.050 | 0.050 | 04/30/2025 | ND | 2.15 | 107 | 2.00 | 13.4 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/30/2025 | ND | 2.13 | 107 | 2.00 | 13.6 | |
| Total Xylenes* | <0.150 | 0.150 | 04/30/2025 | ND | 6.69 | 111 | 6.00 | 14.1 | |
| Total BTEX | <0.300 | 0.300 | 04/30/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *102 %* *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** | **4720** | 16.0 | 04/30/2025 | ND | 400 | 100 | 400 | 18.2 | |

**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 | 04/30/2025 | ND | 199 | 99.7 | 200 | 2.70 | |
| **DRO >C10-C28*** | **18.0** | 10.0 | 04/30/2025 | ND | 188 | 93.9 | 200 | 1.99 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/30/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *76.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *74.7 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

Page 284 of 814



# CARDINAL Laboratories

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company:** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** | **Zip:** |
| **Project Location:** | 32.32091, -104.28336 | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | |
| H25259 | | | | | | | | | | | ✓ | | | | | | | |
| 1 | FFL 8 B | C | 1 | | | X | | | | | X | | 4/29/25 | | X | X | X | RUSH CHLORIDE ONLY |
| 2 | FFL 13 B | C | 1 | | | X | | | | | X | | 4/29/25 | | X | X | X | RUSH CHLORIDE ONLY |
| 3 | FFL 16 B | C | 1 | | | X | | | | | X | | 4/29/25 | | X | X | X | RUSH CHLORIDE ONLY |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 4.29.25 **Time:** 1453 | **Received By:** | |
| **Relinquished By:** | **Date:** **Time:** | **Received By:** | |

**Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:**

**All Results are emailed. Please provide Email address:** pm@etechenv.com

**REMARKS:** 24H Rush - Rush chloride only. Standard speed for BTEX and TPH.

| | | | | |
|---|---|---|---|---|
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | **Observed Temp. °C** 1.7 **Corrected Temp. °C** 2.0 | **Sample Condition** Cool: ☒ Yes ☐ No Intact: ☒ Yes ☐ No | **CHECKED BY: (Initials)** AP | **Turnaround Time:** AP 4.29.25 Standard ☐ Rush ☒ Thermometer ID #140 Correction Factor -0.6°C +0.3 |

**Bacteria (only) Sample Condition** Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No **Observed Temp. °C** **Corrected Temp. °C**

FORM-006 R 3.5 08/05/24

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

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

CARDINAL Laboratories

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

May 07, 2025

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: BANDIT STATE SWD #001

Enclosed are the results of analyses for samples received by the laboratory on 05/06/25 15:24.

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

Cardinal Laboratories is accreditated 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

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 63 @ 4' (H252712-01)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.05 | 103 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.01 | 101 | 2.00 | 1.10 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 1.97 | 98.7 | 2.00 | 1.22 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.13 | 102 | 6.00 | 1.87 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *107 %* *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** | **1120** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *89.3 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 64 @ 4' (H252712-02)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.05 | 103 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.01 | 101 | 2.00 | 1.10 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 1.97 | 98.7 | 2.00 | 1.22 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.13 | 102 | 6.00 | 1.87 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *113 %* *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** | **2120** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.6 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *92.2 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 65 @ 4' (H252712-03)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.05 | 103 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.01 | 101 | 2.00 | 1.10 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 1.97 | 98.7 | 2.00 | 1.22 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.13 | 102 | 6.00 | 1.87 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *111 %* *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** | **2760** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *92.4 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 66 @ 4' (H252712-04)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.05 | 103 | 2.00 | 1.42 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.01 | 101 | 2.00 | 1.10 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 1.97 | 98.7 | 2.00 | 1.22 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.13 | 102 | 6.00 | 1.87 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *111 %* *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** | **2120** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *92.1 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *90.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 67 @ 4' (H252712-05)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | QM-07 |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | QM-07 |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | QM-07 |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *105 %* *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** | **1640** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| **DRO >C10-C28*** | **54.4** | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *94.4 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *95.6 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 68 @ 4' (H252712-06)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2080** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *91.5 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 69 @ 4' (H252712-07)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2320** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *93.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *91.7 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 70 @ 4' (H252712-08)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **10100** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| **DRO >C10-C28*** | **36.3** | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *84.7 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *85.4 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: NFFL 71 @ 4' (H252712-09)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2840** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *85.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.8 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 10 (H252712-10)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2680** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *89.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *86.9 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 20 B (H252712-11)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3040** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *86.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.5 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 23 B (H252712-12)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2920** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *84.3 %* *40.6-153*

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 24 B (H252712-13)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3040** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *94.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *91.6 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 25 B (H252712-14)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2840** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *87.9 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *83.9 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 26 B (H252712-15)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2920** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *79.5 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 32 B (H252712-16)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3240** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *91.0 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *87.4 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 35 B (H252712-17)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/06/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/06/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/06/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3200** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *92.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *89.5 %* *40.6-153*

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Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 40 B (H252712-18)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2840** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *83.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *80.7 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 44 B (H252712-19)

**BTEX 8021B** mg/kg Analyzed By: JH

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2880** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *89.3 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *87.0 %* *40.6-153*

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## Analytical Results For:

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LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: FFL 57 B (H252712-20)

**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 | 05/07/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3040** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/07/2025 | ND | 191 | 95.5 | 200 | 5.74 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/07/2025 | ND | 190 | 95.1 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/07/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *94.5 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *92.5 %* *40.6-153*

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 11 (H252712-21)

**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 | 05/07/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **3920** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 198 | 99.2 | 200 | 0.599 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.7 | 200 | 3.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.8 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *97.1 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/06/2025 | Sampling Date: | 05/06/2025 |
| Reported: | 05/07/2025 | Sampling Type: | Soil |
| Project Name: | BANDIT STATE SWD #001 | Sampling Condition: | Cool & Intact |
| Project Number: | 21643 | Sample Received By: | Alyssa Parras |
| Project Location: | 3R OPERATING 32.32091-104.28336 | | |

### Sample ID: WW 12 (H252712-22)

**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 | 05/07/2025 | ND | 2.09 | 104 | 2.00 | 2.28 | |
| Toluene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.26 | 113 | 2.00 | 2.16 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/07/2025 | ND | 2.16 | 108 | 2.00 | 2.28 | |
| Total Xylenes* | <0.150 | 0.150 | 05/07/2025 | ND | 6.48 | 108 | 6.00 | 2.23 | |
| Total BTEX | <0.300 | 0.300 | 05/07/2025 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: KV

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **2680** | 16.0 | 05/07/2025 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/06/2025 | ND | 198 | 99.2 | 200 | 0.599 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/06/2025 | ND | 191 | 95.7 | 200 | 3.12 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/06/2025 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *96.2 %* *44.4-145*

*Surrogate: 1-Chlorooctadecane* *96.5 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 W Marland Blvd | **Company:** | Etech Environmental |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | GPS:(32.32091, -104.28336) | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | ANALYSIS REQUEST: Chloride | TPH | BTEX 8021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H259712 | | | | | | | | | | | | | | | | | |
| 1 | NFFL 63 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 2 | NFFL 64 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 3 | NFFL 65 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 4 | NFFL 66 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 5 | NFFL 67 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 6 | NFFL 68 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 7 | NFFL 69 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 8 | NFFL 70 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 9 | NFFL 71 @ 4' | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 10 | WW 10 | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 5.6.25 | **Received By:** | |
| | **Time:** 1524 | | |
| **Relinquished By:** | **Date:** | **Received By:** | |
| | **Time:** | | |

**Delivered By: (Circle One)** Sampler - UPS - Bus - Other: 3rd

**Sample Condition** Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No

**CHECKED BY: (Initials)**

| | | | |
|---|---|---|---|
| **Phone Result:** | ☐ Yes ☐ No | **Add'l Phone #:** | |
| **Fax Result:** | ☐ Yes ☐ No | **Add'l Fax #:** | |

**REMARKS:** Email copy of COC and results to: PM@etechenv.com

**24 HOUR RUSH**

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

FORM-006 R 2.0

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Released to Imaging: 7/21/2025 1:52:23 PM

# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 W Marland Blvd | **Company:** | Etech Environmental |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | GPS:(32.32091, -104.28336) | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY Lab I.D. H252712 | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | ANALYSIS REQUEST: Chloride | TPH | BTEX 8021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | FFL 20 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 12 | FFL 23 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 13 | FFL 24 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 14 | FFL 25 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 15 | FFL 26 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 16 | FFL 32 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 17 | FFL 35 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 18 | FFL 40 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 19 | FFL 44 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 20 | FFL 57 B | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |

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

| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 5.6.25 | **Received By:** | |
| | **Time:** 1504 | | |
| **Relinquished By:** | **Date:** | **Received By:** | |
| | **Time:** | | |

**Delivered By: (Circle One)** -4.2°C / CF 0.3° / #140
**Sampler - UPS - Bus - Other:** -3.9°C

**Sample Condition** Cool: ~~Yes~~ No; Intact: ~~Yes~~ No
**CHECKED BY: (Initials)** AP

| | | | |
|---|---|---|---|
| **Phone Result:** | ☐ Yes ☐ No | **Add'l Phone #:** | |
| **Fax Result:** | ☐ Yes ☐ No | **Add'l Fax #:** | |

**REMARKS:** Email copy of COC and results to: PM@etechenv.com

**24 HOUR RUSH**

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

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# CARDINAL Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 W Marland Blvd | **Company:** | Etech Environmental |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Joel Lowry |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 21643 **Project Owner:** 3 R Operating | **City:** | |
| **Project Name:** | Bandit State SWD #001 | **State:** **Zip:** | |
| **Project Location:** | GPS:(32.32091, -104.28336) | **Phone #:** | |
| **Sampler Name:** | Addison Elston | **Fax #:** | |

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | ANALYSIS REQUEST: Chloride | TPH | BTEX 8021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H25272 | | | | | | | | | | | | | | | | | |
| 21 | WW 11 | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |
| 22 | WW 12 | C | 1 | | | X | | | | | X | | 5/6/25 | | X | X | X |

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| | | | |
|---|---|---|---|
| **Relinquished By:** Kesley Reed | **Date:** 5.6.25 **Time:** 1500 | **Received By:** Aparicio | |
| **Relinquished By:** | **Date:** **Time:** | **Received By:** | |
| **Delivered By: (Circle One)** Sampler - UPS - Bus - Other: | -4.2 / C+0.3 -3.9 / #140 | **Sample Condition** Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No | **CHECKED BY: (Initials)** AP |

**Phone Result:** ☐ Yes ☐ No **Add'l Phone #:**
**Fax Result:** ☐ Yes ☐ No **Add'l Fax #:**
**REMARKS:** Email copy of COC and results to: PM@etechenv.com
**24 HOUR RUSH**

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FORM-006 R 2.0

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Released to Imaging: 7/21/2025 1:52:23 PM

CARDINAL Laboratories

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

May 29, 2024

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: LEA LAND BACKFILL

Enclosed are the results of analyses for samples received by the laboratory on 05/23/24 8:51.

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 accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
LANCE CRENSHAW
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/23/2024 | Sampling Date: | 05/22/2024 |
| Reported: | 05/29/2024 | Sampling Type: | Soil |
| Project Name: | LEA LAND BACKFILL | Sampling Condition: | Cool & Intact |
| Project Number: | NOT GIVEN | Sample Received By: | Tamara Oldaker |
| Project Location: | 32.528184, -103.785455 | | |

### Sample ID: LEA LAND BACKFILL (H242864-01)

**BTEX 8021B** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/25/2024 | ND | 1.99 | 99.7 | 2.00 | 17.7 | |
| Toluene* | <0.050 | 0.050 | 05/25/2024 | ND | 2.00 | 100 | 2.00 | 12.5 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2024 | ND | 2.01 | 100 | 2.00 | 8.60 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2024 | ND | 5.95 | 99.2 | 6.00 | 8.44 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2024 | ND | | | | | |

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

**Chloride, SM4500Cl-B** mg/kg Analyzed By: HM

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| **Chloride** | **80.0** | 16.0 | 05/24/2024 | ND | 400 | 100 | 400 | 3.92 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2024 | ND | 201 | 100 | 200 | 0.261 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2024 | ND | 215 | 107 | 200 | 1.37 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2024 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *107 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *111 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Notes and Definitions

| | |
|---|---|
| QR-04 | The RPD for the BS/BSD was outside of historical limits. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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# CARDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Lance Crenshaw | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company** | Etech |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Lance Crenshaw |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | **Project Owner:** Etech | **City:** | |
| **Project Name:** | Lea Land Backfill | **State:** | NM **Zip:** |
| **Project Location:** | 32.528184, -103.785455 | **Phone #:** | |
| **Sampler Name:** | David Robinson | **Fax #:** | |

**ANALYSIS REQUEST**

| FOR LAB USE ONLY Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX: GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | PRESERV.: ACID/BASE: | ICE / COOL | OTHER : | SAMPLING: DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H242864 | | | | | | | | | | | | | | | | | |
| 1 | Lea Land Backfill | C | 1 | | | X | | | | | X | | 5/22/24 | | X | X | X |
| | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |

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

| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 5-23-24 | **Received By:** | |
| | **Time:** 0851 | | |
| **Relinquished By:** | **Date:** | **Received By:** | |
| | **Time:** | | |

**Phone Result:** ☐ Yes ☐ No **Add'l Phone #:**
**Fax Result:** ☐ Yes ☐ No **Add'l Fax #:**
**REMARKS:**

Please email results and copy of CoC to pm@etechenv.com.

**Delivered By: (Circle One)** #140
**Sampler - UPS - Bus - Other:** -4.8°c

| Sample Condition | | CHECKED BY: (Initials) |
|---|---|---|
| Cool | Intact | |
| ☑ Yes ☐ No | ☑ Yes ☐ No | T.O. |

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

CARDINAL Laboratories

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

May 22, 2024

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ALLIED STATE 1

Enclosed are the results of analyses for samples received by the laboratory on 05/16/24 15:37.

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 accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

## Analytical Results For:

Etech Environmental & Safety Solutions
JOEL LOWRY
2617 W MARLAND
HOBBS NM, 88240
Fax To:

| | | | |
|---|---|---|---|
| Received: | 05/16/2024 | Sampling Date: | 05/15/2024 |
| Reported: | 05/22/2024 | Sampling Type: | Soil |
| Project Name: | ALLIED STATE 1 | Sampling Condition: | Cool & Intact |
| Project Number: | 19911 | Sample Received By: | Alyssa Parras |
| Project Location: | PERMIAN 32.31731, -104.2755 | | |

### Sample ID: R360 WEST PIT (H242728-01)

**BTEX 8021B** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| Benzene* | <0.050 | 0.050 | 05/18/2024 | ND | 2.12 | 106 | 2.00 | 1.92 | |
| Toluene* | <0.050 | 0.050 | 05/18/2024 | ND | 2.03 | 102 | 2.00 | 2.09 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/18/2024 | ND | 2.05 | 102 | 2.00 | 2.18 | |
| Total Xylenes* | <0.150 | 0.150 | 05/18/2024 | ND | 5.84 | 97.4 | 6.00 | 2.22 | |
| Total BTEX | <0.300 | 0.300 | 05/18/2024 | ND | | | | | |

*Surrogate: 4-Bromofluorobenzene (PID* *92.9 %* *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** | **272** | 16.0 | 05/20/2024 | ND | 448 | 112 | 400 | 0.00 | |

**TPH 8015M** mg/kg Analyzed By: MS

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|---|---|---|---|---|---|---|---|---|---|
| GRO C6-C10* | <10.0 | 10.0 | 05/17/2024 | ND | 188 | 94.1 | 200 | 1.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/17/2024 | ND | 203 | 102 | 200 | 0.0320 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/17/2024 | ND | | | | | |

*Surrogate: 1-Chlorooctane* *53.4 %* *48.2-134*

*Surrogate: 1-Chlorooctadecane* *56.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

## Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

# CARDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



| | | | |
|---|---|---|---|
| **Company Name:** | Etech Environmental & Safety Solutions, Inc. | **BILL TO** | |
| **Project Manager:** | Joel Lowry | **P.O. #:** | |
| **Address:** | 2617 West Marland | **Company** | Permian Resources |
| **City:** | Hobbs **State:** NM **Zip:** 88240 | **Attn:** | Montgomery Floyd |
| **Phone #:** | (575) 264-9884 **Fax #:** | **Address:** | |
| **Project #:** | 19911 **Project Owner:** Permian Resources | **City:** | |
| **Project Name:** | Allied State #001 | **State:** | **Zip:** |
| **Project Location:** | 32.31731, -104.2755 | **Phone #:** | |
| **Sampler Name:** | Tania Felts | **Fax #:** | |

| FOR LAB USE ONLY | | | | MATRIX | | | | | | PRESERV. | | | SAMPLING | | ANALYSIS REQUEST | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | Chloride | TPH (8015M) | BTEX (8021B) | |
| H27027-8 1 | R360 West Pit | C | 1 | | | X | | | | | X | | 5/15/24 | | X | X | X | |

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| | | | |
|---|---|---|---|
| **Relinquished By:** | **Date:** 5.10.24 | **Received By:** | |
| | **Time:** 1537 | | |
| **Relinquished By:** | **Date:** | **Received By:** | |
| | **Time:** | | |

**Phone Result:** ☐ Yes ☐ No **Add'l Phone #:**
**Fax Result:** ☐ Yes ☐ No **Add'l Fax #:**
**REMARKS:**

Please email copy of COC and results to pm@etechenv.com.

**Delivered By: (Circle One)** -9.1°C
**Sampler - UPS - Bus - Other:** #140

| Sample Condition | CHECKED BY: |
|---|---|
| Cool: ☑ Yes ☐ No | (Initials) |
| Intact: ☑ Yes ☐ No | AD |

FORM-006
Revision 1.0

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Received by OCD: 7/18/2025 12:22:12 PM

Released to Imaging: 7/21/2025 1:52:23 PM

# Appendix D
# Photographic Log

# Photographic Log

| | |
|---|---|
| **Photo Number:** 1<br>**Photo Direction:** West<br>**Photo Description:** View of the affected area before additional remediation activities. | |

| | |
|---|---|
| **Photo Number:** 2<br>**Photo Direction:** Southeast<br>**Photo Description:** View of the affected area before additional remediation activities. | |

# Photographic Log

| | |
|---|---|
| **Photo Number:** 3<br>**Photo Direction:** South<br>**Photo Description:** View of excavation activities. | |

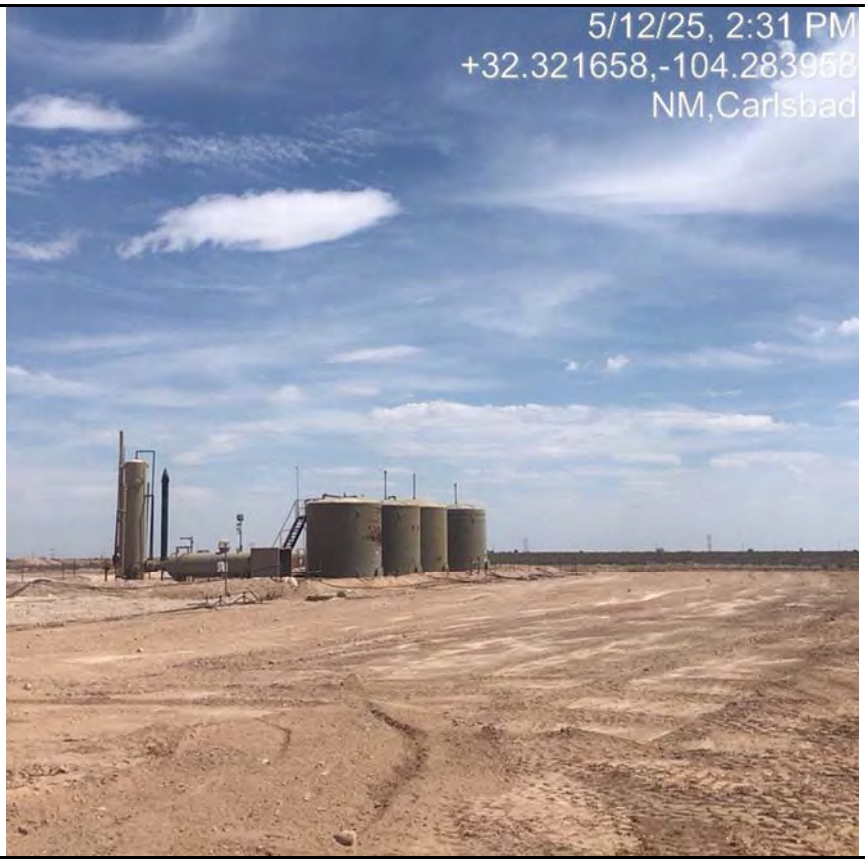
| | |
|---|---|
| **Photo Number:** 4<br>**Photo Direction:** West<br>**Photo Description:** View of excavation activities. | |

# Photographic Log

| | |
|---|---|
| **Photo Number:** 5<br>**Photo Direction:** Northeast<br>**Photo Description:** View of excavation activities. | |

| | |
|---|---|
| **Photo Number:** 6<br>**Photo Direction:** Southeast<br>**Photo Description:** View of excavation activities. | |

# Photographic Log

| | |
|---|---|
| **Photo Number:** 7<br>**Photo Direction:** Southeast<br>**Photo Description:** View of the affected area after remediation activities. |  |

| | |
|---|---|
| **Photo Number:** 8<br>**Photo Direction:** East<br>**Photo Description:** View of the affected area after remediation activities. | |

# Photographic Log

| | |
|---|---|
| **Photo Number:** 9<br>**Photo Direction:** West<br>**Photo Description:** View of seeding activities. | |

| | |
|---|---|
| **Photo Number:** 10<br>**Photo Direction:** Southeast<br>**Photo Description:** View of seeding activities. | |

# Photographic Log

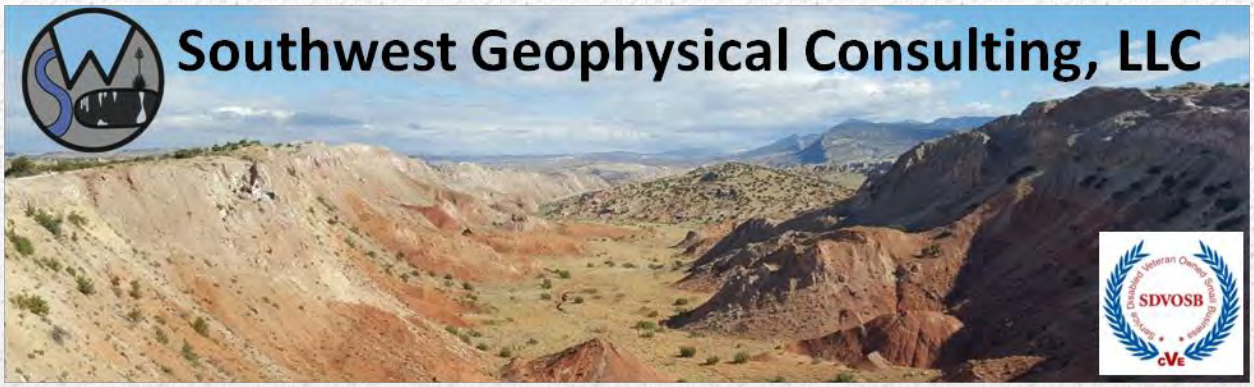
| | |
|---|---|
| **Photo Number:** 11<br>**Photo Direction:** Southeast<br>**Photo Description:** View of seeding activities. | |

| | |
|---|---|
| **Photo Number:** 12<br>**Photo Direction:** NA<br>**Photo Description:** Seed Tag | **Bamert Seed Company Inc.**<br>1897 CR 1018 Muleshoe, TX 79347 (800) 262-9892 Permit # TX00905<br>***BAND1 State SWD #001 NMSLO Loamy Mix Broadcast Rate*** Lot/Sales # SO-86400 |

| Kind & Variety | Pure Seed | Germ | Dormant | Hard Seed | Origin |
|---|---|---|---|---|---|
| Bluestem, Little "Cimarron" (Schizachyrium scoparium) | 9.16% | 58.00% | 36.00% | 0.00% | TX |
| Dropseed, Sand (Sporobolus cryptandrus) | 11.60% | 93.00% | 6.00% | 0.00% | TX |
| Grama, Blue "Lovington" (Bouteloua Gracilis) | 11.72% | 98.00% | 0.00% | 0.00% | TX |
| Grama, Sideoats "El Reno" (Bouteloua curtipendula) | 26.09% | 85.00% | 3.00% | 0.00% | TX |
| Indian Blanket (Gaillardia pulchella) | 6.52% | 88.00% | 0.00% | 0.00% | OK |
| Sacaton Alkali (Sporobolus airoides) | 5.99% | 91.00% | 5.00% | 0.00% | OK |
| Saltbush Fourwing (Atriplex canescens) | 11.64% | 74.00% | 0.00% | 0.00% | NM |

Purity: 82.72% Inert Matter: 17.24% Other Crop Seed: 0.02% Weed Seed: 0.02%

# Appendix E
# Cave and Karst Resource Inventory Report




# Cave and Karst Resource Inventory Report
# Bandit State SWD #001 and
# Saragossa 10 State #002 and #003
# Eddy County, New Mexico

**Prepared for:**

**Atkins Engineering Associates, Inc.**
**213 West Mermod Street**
**Carlsbad NM 88220**

☐ **Positive within 200 feet of release footprint**

☑ **Negative within 200 feet of release footprint**

**May 20, 2024**

ATKE-002-20240312

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**MMXXIV**

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## 1.0 INTRODUCTION

An environmental karst survey was commissioned by Atkins Engineering Associates, Inc. (hereinafter referred to as "the client"), on March 12, 2024, for the purpose of determining what, if any, karst-related surface features are present within a 200-foot boundary surrounding the Bandit State SWD #001 and Saragossa 10 State #002 and #003 release areas (hereinafter termed “BAST-SARG”).

As indicated in section ***1.3 Affected Environment***, the bedrock and overlying soil at the survey site are susceptible to sinkhole development and karst features may be hidden beneath the existing soil stratum. Risk associated with sinkhole formation can be minimized during remediation by careful excavation of the spill site and the control of site hydrology. The owner/developer must recognize, however, that a risk of sinkhole-induced damage to infrastructure does exist even after remediation. If remediation measures have not already been conducted, performing a geophysical survey to determine if subsurface karst development exists for personnel and equipment safety should be considered.

### *1.1 Goals of this Study*

To provide the client with the location, description, photos, and boundaries of any surface karst-related features within a 200-meter survey boundary for the BAST-SARG project as provided by the client via e-mail on March 12, 2024.

### *1.2 Summary of Findings*

One recognized surface karst feature is located within the pedestrian survey area. **There are no surface karst features within 200 feet of the release footprint for any of the pads included in this report.** This location is within a Bureau of Land Management designated Medium Karst Occurrence Zone.

The presence of this and nearby surface features indicates that this area is karstified and may contain buried karst features. Caution should be exercised while clearing brush and during any excavation or remediation operations. Employing a Bureau of Land Management approved karst monitor on site during remediation operations should be considered. **Conducting a geophysical survey to determine if subsurface karst development exists at this location should be considered for the safety of equipment operators.** Please see the section entitled ***2.4 Description of Karst Features*** and **Table 2** for details on the feature located.

### *1.3 Affected Environment*

The proposed BAST-SARG project is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The three primary concerns in these types of terrain are environmental issues, worker safety, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers[1]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)[2] (**Figure 1**).

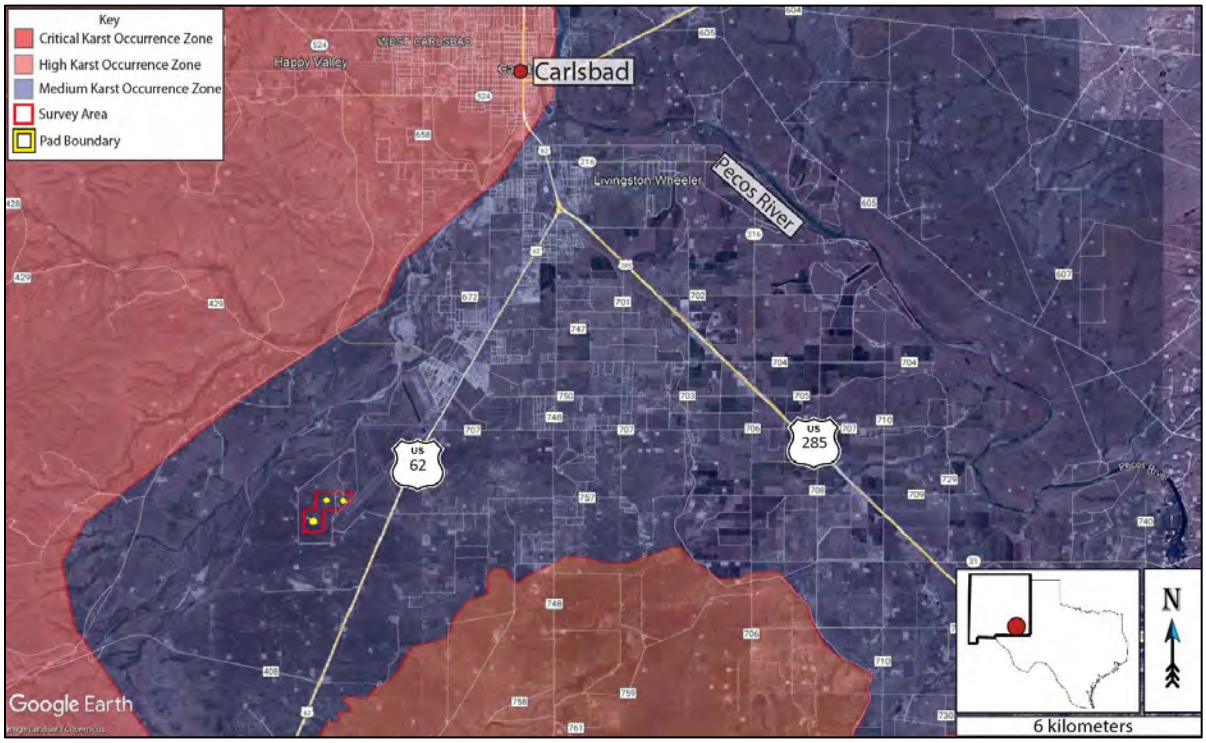


**Figure 1: Karst occurrence overview. Background image: Google Earth. Image date: April 15, 2023. Datum: WGS-84.**

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff[1].

### *1.4 Limitations of Report*

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Atkins Engineering Associates, Inc., in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information.

To the best of our knowledge, information contained in this report is accurate at the date of issue; however, conditions on the site can change in a limited time and, therefore, the information in this report shall not be used beyond three years past the date of imagery collection (see section ***2.3 Description of Survey***).

## 2.0 LOCATION AND DESCRIPTION OF STUDY AREA

### *2.1 Description of Site*

The BAST-SARG project site is located in Eddy County, New Mexico, 10.0 kilometers (6.2 miles) southwest of Carlsbad, New Mexico, on the south end and west of runway 3 of the Cavern City Airport (**Figure 1** and **Figure 2**). The site is located within section 10 of NM T23S R26E[3]. The region is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January[4]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map[5] and the vegetation consists mostly of areas of grass, sparse creosote, and sparse yucca, with very good visibility in most locations. See section ***2.2 Local Geology*** for the geology of the area. The entirety of the survey is within an MKOZ (**Figure 1**) and within both NMSLO and privately managed land (**Figure 2**).

**Figure 2: Land ownership[6] and PLSS[3] overview. Background image credit: Google Earth. Image date: April 15, 2023. Datum: WGS-84.**

### *2.2 Local Geology*

The area surveyed for the BAST-SARG project is located east of Dark Canyon Draw at an elevation of 1,007 meters (3,303 feet), ± 5 meters (16.4 feet), within an area underlain by the Permian Rustler Formation (Pru, covered by Quaternary deposits in the below image). The area is mantled by thin gypsiferous soils and Quaternary alluvial gravels (Qp)[7] between 0 and 6 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies and is composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite and gypsum[8], and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members).

The Pru overlies the Permian Salado Formation (Psl), a layer of extremely soluble halite which can easily be dissolved to create caves, sinkholes, and other karst features[9]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation[10].

This area is moderately karstified and has several sinkholes, swallets, caves, and other karst features nearby. The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale[7].

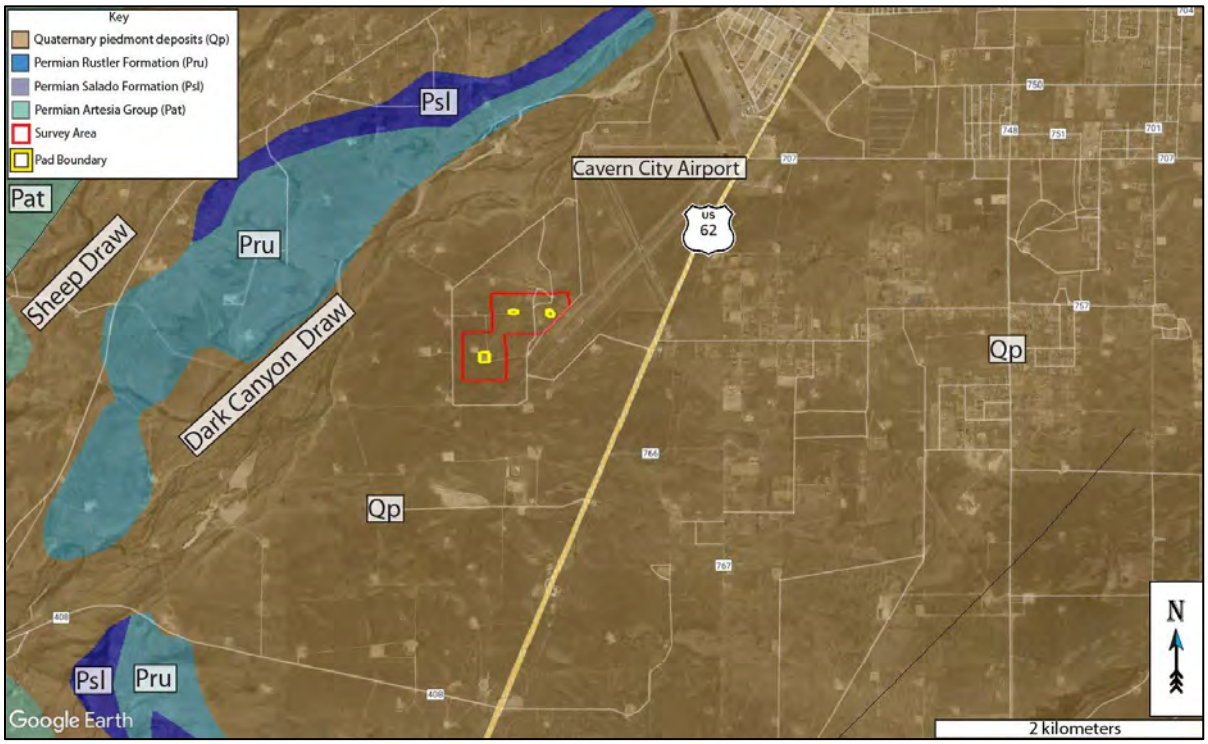


**Figure 3: Geology overview. Geology overview. Map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format[7], and Google Earth. Image date: April 15, 2023. Datum: WGS-84.**

### *2.3 Description of Survey*

This survey was completed by Dave Decker on April 23, 2024. For this survey, lines were walked in a raster pattern at 50-meter (165-foot) intervals in the designated area, providing 90 to 100% coverage for features greater than 50 centimeters (20 inches) in diameter[11]. The total distance walked was 12.2 kilometers (7.6 miles) and the total area covered was 0.6 square kilometers (148 acres) (**Table 1** and **Figure 4**).

Prior to conducting the pedestrian karst survey, a surface karst desk study was performed by Southwest Geophysical Consulting. The study was performed using satellite and aerial imagery from Google Earth Pro dated April 15, 2023 (please note features less than one meter in diameter are generally not visible); the Southwest Geophysical Cave and Karst Database dated January 31, 2024; and the Kitchen Cove, NM, 1:24,000 quad, 1985, USGS topographic map. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned no results within the survey boundary.

**Table 1: Pedestrian Survey Track Data Files**

| File Name | Surveyor | Date | Length (km/miles) | Area (km²/Ac) |
|---|---|---|---|---|
| SARG D1S1 SRV.kmz | Decker | 4/23/2024 | 12.2/7.6 | 0.6/148 |

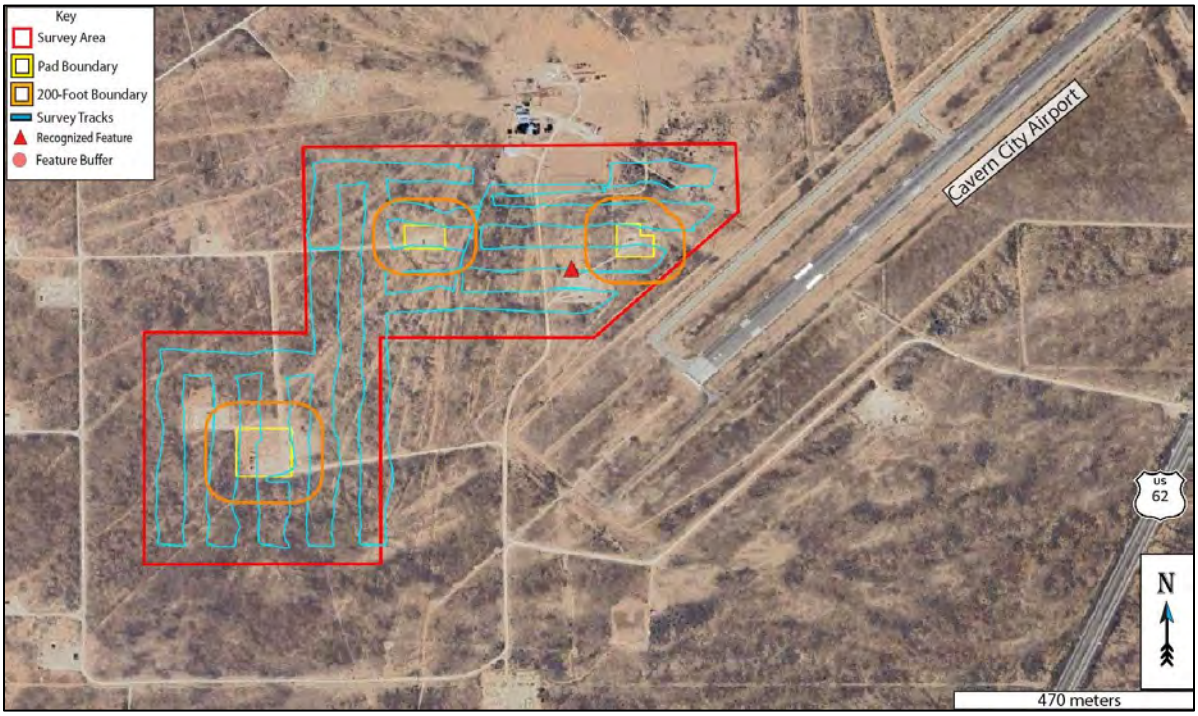


**Figure 4: Survey overview. Red polygon is the study area. Blue wavy lines are the actual survey lines walked by Decker. Red triangle is the located karst feature. Red translucent circle is the buffer zone for the karst features (10 meters in diameter for this feature, hidden beneath the feature symbol in the image). See accompanying data files ATKE-002-20240312_SARG_Data_Files for more details. Background image credit: Google Earth. Image date: April 15, 2023. Datum: WGS-84.**

### *2.4 Description of Karst Features*

One surface karst feature is located within the pedestrian survey area for the BAST-SARG project site (**Figure 4** and **Table 2**). Please be aware that the area is karstified and may contain buried karst features. Caution is advised during brush clearing and excavation. Employing a BLM-CFO approved karst monitor on site during these operations should be considered.

**Table 2: Karst Feature Data Table**

| Feature ID | Type | Size (m) | Buffer (m) | Modifier | Easting | Northing |
|---|---|---|---|---|---|---|
| RKF 240423-D01 | Suffosion sinkhole | 1.2 | 10 | V | 568074.366 | 3576688.557 |

**RKF 240423-D01** (**Figure 5**) is a 1.2-meter-diameter, 50-centimeter-deep suffosion sinkhole on the north side of an active pad. This feature was investigated after the pedestrian survey as a possible anthropogenic feature due to its location on what appears to be a reclaimed pad. After further research, it appears that the pad was cleared in 1995, but never used, which leads me to speculate that the karst feature was likely revealed during brush clearing, subsequently filled in, and the location abandoned. The nearest release location to this feature is Saragossa State 10 #003 which is 130 meters (428 feet) northeast. This feature warrants a 10-meter buffer.

**Figure 5: RKF 240423-D01: Example of a suffosion sinkhole. Please note that this image is of another similar feature in a similar orientation to a pad and is NOT RKF 240423-D01. Unfortunately, the photos taken during this survey were inadvertently deleted during downloading.**

## 3.0 RECOMMENDATIONS

### *3.1 Summary*

- One recognized surface karst feature is located within the survey area.
- This surface karst feature is NOT within 200 feet (61 meters) of the release perimeter.
- **Consider this feature and whether surface flow may impact or has already impacted it during site and remediation planning.**
- **To check the area for subsurface karst development (prove stable ground at this location), a geophysical survey within the horizontal delineation of the release should be considered.**
- The presence of these and other nearby surface karst features indicates that this area is karstified and may contain buried karst features.
- Caution should be exercised while clearing brush and during any excavation, trenching, drilling, or remediation operations.
- Employing a BLM-CFO approved karst monitor during excavation or remediation operations near these features should be considered.

### *3.2 Best Practices*

This area may be prone to rapid karst formation in the underlying stratigraphy and warrants careful planning and engineering to mitigate karst-forming processes that could be accelerated by poor design considerations. Proper engineering of petroleum-related facilities following karst guidelines should be implemented during both excavation and construction. Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

**Keep in mind that any flow of gypsum-undersaturated waters into a small crack or crevice can rapidly dissolve any underlying gypsum and cause failure of an impoundment or infrastructure within a matter of months to a few years. It is imperative that any dikes, buffers, or liners installed are checked regularly for integrity, with repairs made immediately upon discovery of failure.**

Vigilance during construction is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst vendor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports for the BLM-CFO should be submitted to:

blm_nm_karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

## 4.0 REFERENCES


1 Goodbar, J. R. Vol. BLM Management Handbook H-8380-1 (ed Carlsbad Field Office) 59 (Bureau of Land Management, Denver, CO, 2015).

2 Rybacki, K. (Bureau of Land Management - Carlsbad Field Office, 2020).

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5 W.R.C.C. *National Climate Data Center 1981-2010 Normal Climate Summary for Carlsbad, New Mexico (291469)*. (2010).

6 NMSLO. Digital overlay (KML) of the surface land ownership in New Mexico (New Mexico State Land Office, Santa Fe, NM, 2016).

7 Green, G. N. & Jones, G. E. *The Digital Geologic Map of New Mexico in ARC/INFO Format*, <https://mrdata.usgs.gov/geology/state/state.php?state=NM> (1997).

8 Austin, G. S. *Geology and mineral deposits of Ochoan rocks in Delaware Basin and adjacent areas*. Vol. Circular 159 (New Mexico Bureau of Mines and Mineral Resources, 1978).

9 Johnson, K. S. Evaporite Karst in the United States. *Carbonates and Evaporites* **12**, 2-14 (1997).

10 Hills, J. M. in *Assessment of Effectiveness of Geologic Isolation Systems* (eds B.L. Scott, G.L. Benson, R.A. Craig, & M.A. Harwell) (Pacific Northwest Laboratory, 1979).

11 Stafford, K. W., Rosales-Lagarde, L. & Boston, P. J. Castile Evaporite Karst Potential Map of the Gypsum Plain, Eddy County, New Mexico and Culberson County, Texas: A GIS Methodological Comparison. *Journal of Cave and Karst Studies* **70**, 35 - 46 (2008).

## 5.0 GLOSSARY OF TERMS AND ABBREVIATIONS

| | |
|---|---|
| ACEC | Area of Critical Environmental Concern |
| AGI | Advanced Geosciences Inc. |
| BLM-CFO | Bureau of Land Management - Carlsbad Field Office |
| brecciated | Fractured rock caused by faulting or collapse. |
| caprock-collapse sinkhole | Collapse of roof-spanning rock into a cave or void. |
| cave | Natural opening at the surface large enough for a person to enter. |
| cover-collapse sinkhole | Collapse of roof-spanning soil or clay ground cover into a subsurface void. |
| DDSG(XX) | Dipole-Dipole, Strong Gradient (XX = number of electrodes) |
| ERI | Electrical Resistivity Imaging |
| GPS | Global Positioning System |
| grike | A solutionally enlarged, vertical, or sub-vertical joint or fracture. |
| (H) | High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field. |
| HKOZ | High Karst Occurrence Zone |
| InSAR | Interferometric Synthetic Aperture Radar. A method by which radar signals from satellites are processed to determine the amount and rate of subsidence of an area as well as whether the area is actively subsiding. |
| karst | A landscape containing solutional features such as caves, sinkholes, swallets, and springs. |
| (L) | Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features. |
| LED | Locally enclosed depression. A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not. |
| LKOZ | Low Karst Occurrence Zone |
| (M) | Medium confidence modifier for PKF. This is an ambiguous feature that can’t be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst). |
| MKOZ | Medium Karst Occurrence Zone |
| NCRC | National Cave Rescue Commission |
| NKF | Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features. |
| NMSLO | New Mexico State Land Office |

| | |
|---|---|
| Ohm-m | Ohm-meter, a unit of measurement for resistivity. Also sometimes abbreviated Ω-m. |
| paleokarst | Previously formed karst features that have been filled in by erosion and/or deposition of minerals. |
| Pat | Permian Artesia Group |
| Pc | Permian Capitan Formation |
| Pcs | Permian Castile Formation |
| Pdl | Permian Dewey Lake Formation |
| PKF | Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience. |
| PLSS | Public Land Survey System |
| Pqg | Permian Queen/Greyburg Formation |
| Pru | Permian Rustler Formation |
| pseudokarst | Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes. |
| Psl | Permian Salado Formation |
| Psr | Permian Seven Rivers Formation |
| Pt | Permian Tansill Formation |
| Py | Permian Yates Formation |
| Qal | Quaternary alluvium |
| Qe | Quaternary eolian deposits |
| Qp | Quaternary piedmont deposits |
| Qpl | Quaternary playa lake deposits |
| RKF | Recognized karst feature. This term is reserved for karst features that have been physically verified in the field. |
| SKF | Surface Karst Feature |
| SPAR | Small Party Assisted Rescue |
| suffosion sinkhole | Raveling of soil into a pre-existing void or fracture. |
| swallet | A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment. |
| SWG | Southwest Geophysical Consulting, LLC |
| UTM | Universal Transverse Mercator (projected coordinates) |

| | |
|---|---|
| (V) | Field verified modifier for a PKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified |
| WGS | World Geodetic System (geographic coordinates) |
| BLM-CFO | Bureau of Land Management - Carlsbad Field Office |
| caprock-collapse sinkhole | Collapse of roof-spanning rock into a cave or void. |
| cave | Natural opening at the surface large enough for a person to enter. |
| cover-collapse sinkhole | Raveling of soil into a pre-existing void or fracture. |
| GPS | Global Positioning System |
| NMSLO | New Mexico State Land Office |
| closed depression | A natural depression on the surface that collects rainwater. Some contain swallets and/or caves, others do not. |
| Pru | Permian Rustler Formation |
| Psl | Permian Salado Formation |
| Qal | Quaternary alluvium |
| Qp | Quaternary piedmont deposits |
| swallet | A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed, "meaning they are full of sediment. |
| WGS | World Geodetic System |

## 6.0 ATTESTATION

**David D. Decker, PhD, PG, CPG**
Chief Executive Officer, Principal Geologist
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
dave@swgeophys.com
(505) 585-2550

### CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard (currently in review). I meet the definition of “qualified professional” for the purposes of ASTM E-1527.
- I am responsible for the content, compilation, and editing of all sections of report number ATKE-002-20240312 entitled, “Cave and Karst Resource Inventory Report, Bandit State SWD #001 and Saragossa 10 State #002 and #003, Eddy County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section ***2.3 Description of Survey***.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, May 20, 2024.

David D. Decker
PhD, CPG-12123

# Appendix F
# Regulatory Correspondence & Previously Submitted Reports

# OCD Permitting



## NAPP2319437518 BANDIT STATE SWD #1 @ 30-015-21071

### General Incident Information

**Site Name:** BANDIT STATE SWD #1
**Well:** [30-015-21071] BANDIT STATE SWD #001
**Facility:**
**Operator:** [331569] 3R Operating, LLC
**Status:** Remediation Plan Approved, Pending submission of Remediation Closure Report from the operator
**Type:** Produced Water Release
**Severity:** Major
**Surface Owner:** State
**District:** Artesia
**County:** Eddy (15)

**Incident Location:** F-10-23S-26E 1980 FNL 2021 FWL
**Lat/Long:** 32.321003,-104.2832031 NAD83
**Directions:**

**Notes**

**Source of Referral:** Industry Rep
**Action / Escalation:**

**Resulted In Fire:** ☐
**Resulted In Injury:** ☐
**Endangered Public Health:** ☐
**Will or Has Reached Watercourse:** ☐
**Fresh Water Contamination:** ☐
**Property Or Environmental Damage:** ☐

**Contact Details**

**Contact Name:**
**Contact Title:**

**Event Dates**

**Date of Discovery:** 07/07/2023
**Initial C-141 Report Due:** 7/24/2023
**Remediation Closure Report Due:** 06/09/2025

### Incident Dates

| Type | Action | Received | Denied | Approved |
|---|---|---|---|---|
| Remediation Closure Report | [409119] | 12/05/2024 | 12/17/2024 | |
| Remediation Closure Report Extension | | 10/27/2023 | | 10/27/2023 |
| Sampling Notice | [457817] | 05/01/2025 | | 05/01/2025 |
| Sampling Notice | [457803] | 05/01/2025 | | 05/01/2025 |
| Sampling Notice | [454004] | 04/21/2025 | | 04/21/2025 |
| Sampling Notice | [453927] | 04/21/2025 | | 04/21/2025 |

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- Mater
- Event
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- Well F

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- New (
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- New S
- New T
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|---|---|---|---|---|
| Sampling Notice | [449926] | 04/08/2025 | | 04/08/2025 |
| Sampling Notice | [375393] | 08/20/2024 | | 08/20/2024 |
| Sampling Notice | [364898] | 07/17/2024 | | 07/17/2024 |
| Sampling Notice | [319819] | 03/05/2024 | | 03/05/2024 |
| Remediation Plan | [436108] | 02/27/2025 | | 03/11/2025 |
| Site Characterization | [436108] | 02/27/2025 | | 03/11/2025 |
| Initial C-141 Report | [273271] | 03/08/2024 | | 03/08/2024 |
| Notification | | 07/13/2023 | | 07/13/2023 |

## Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

## Incident Materials

| Cause | Source | Material | Volume Unk. | Released | Recovered | Lost | Units |
|---|---|---|---|---|---|---|---|
| Equipment Failure | Fitting | Produced Water | ☐ | 75 | 50 | 25 | BBL |

The concentration of dissolved chloride in the produced water >10,000 mg/l: ☑ Yes ☐ No

## Incident Events

| Date | Detail |
|---|---|
| 05/01/2025 | The (05/01/2025, C-141N) application [457817] was assigned to this incident. |
| 05/01/2025 | The (05/01/2025, C-141N) application [457803] was assigned to this incident. |
| 04/21/2025 | The (04/21/2025, C-141N) application [454004] was assigned to this incident. |
| 04/21/2025 | The (04/21/2025, C-141N) application [453927] was assigned to this incident. |
| 04/09/2025 | The (04/09/2025, C-141N) application [450100] was assigned to this incident. |
| 04/09/2025 | The (04/09/2025, C-141N) application [450080] was assigned to this incident. |
| 04/08/2025 | The (04/08/2025, C-141N) application [449926] was assigned to this incident. |
| 03/11/2025 | Remediation plan conditionally approved. OCD is requiring that at least 1 5-point composite sample for every 5 samples that were received out of hold time. For example, the furthest east excavated area (containing sample locations SP22-SP37) had 16 samples collected that were out of hold time. This area would require 3 equally spaced, representative composite soil samples. A total of 10 equally spaced, representative composite soil samples must be collected from the areas depicted on Figure 4. Sampling notification must be submitted via the C-141N at least 2 business days prior to collecting final/confirmation samples. Any contamination found above the applicable closure criteria must be remediated unless the |

| | |
|---|---|
| 03/11/2025 | The (03/11/2025, C-141) application [436108] was accepted by OCD. The operator was emailed with details of this event. |
| 03/11/2025 | An application [436108] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event. |
| 02/27/2025 | The (03/11/2025, C-141) application [436108] was assigned to this incident. |
| 12/17/2024 | Remediation closure report rejected. See application ID 409119 for reasons of rejection. A complete and accurate report must be submitted through the OCD Permitting website by 3/21/2025. BE ADVISED REASON OF REJECTION "Pursuant to 19.15.29.12D.(1)(a) NMAC, "The responsible party must verbally notify the appropriate division district office two business days prior to conducting final sampling. If the division district office does not respond to the notice within the two business days, the responsible party may proceed with final sampling. The responsible party may request a variance from this requirement upon a showing of good cause as determined by the division..." WAS INADVERTENTLY ADDED. SAMPLES COLLECTED ON 7/22/2024 HAD A CORRECT C-141N SUBMITTED. |
| 12/17/2024 | The (12/17/2024, C-141) application [409119] was rejected by OCD. The operator was emailed with details of this event. |
| 12/17/2024 | An application [409119] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event. |
| 12/05/2024 | The (12/17/2024, C-141) application [409119] was assigned to this incident. |
| 10/16/2024 | Remediation plan rejected as the digital C-141 question "Was this release entirely contained within a lined containment area" was answered "Yes". Based on the information included in the report, the release affected soils outside of a lined containment area. Ensure that future submittals include the correct information. Resubmit the report through the OCD Permitting website by 11/15/2024. Ensure that all questions on the digital C-141 and answered accurately. |
| 10/16/2024 | The (10/16/2024, C-141) application [360904] was rejected by OCD. The operator was emailed with details of this event. |
| 10/16/2024 | The (10/16/2024, C-141) application [360904] was returned to under OCD review. |
| 10/16/2024 | An application [360904] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event. |
| 08/20/2024 | The (08/20/2024, C-141N) application [375393] was assigned to this incident. |
| 07/17/2024 | The (07/17/2024, C-141N) application [364898] was assigned to this incident. |
| 07/12/2024 | The (10/16/2024, C-141) application [360904] was accepted by OCD. The operator was emailed with details of this event. |
| 07/03/2024 | The (10/16/2024, C-141) application [360904] was assigned to this incident. |
| 06/10/2024 | The (06/10/2024, C-141) application [350771] was rejected by OCD. The operator was emailed with details of this event. |
| 06/10/2024 | The Remediation Plan is Denied. Figure 1b (showing extent of current and proposed excavation and existing sample locations) doesn't seem to be included in the report. Please include Figure 1b in the resubmittal. Sidewall samples need to be completed to laterally delineate the release. The site map will need to include the entire release area including horizontal/vertical delineation sample locations. Looking at the EM Survey, the release appears to have entered the pit area, crossed the road, and then collected on the east side of the road. The entire release area which may include the pit and road will need to be fully delineated. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please collect confirmation samples, representing no more than 200 ft2. All off-pad areas (roads, pasture, etc..) must meet reclamation standards set forth in the OCD Spill Rule. |
| 06/10/2024 | The (06/10/2024, C-141) application [350761] was rejected by OCD. The operator was emailed with details of this event. |
| 06/10/2024 | An application [350771] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event. |
| 06/10/2024 | An application [350761] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event. |
| 06/04/2024 | The (06/10/2024, C-141) application [350771] was assigned to this incident. |

| | |
|---|---|
| 06/03/2024 | An application [350032] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event. |
| 06/03/2024 | The (06/03/2024, C-141) application [350032] was assigned to this incident. |
| 03/08/2024 | The (03/08/2024, C-141) application [273271] was accepted by OCD. The operator was emailed with details of this event. |
| 03/08/2024 | C-141 received on 3/8/2024 for release on 7/07/2023. The cause of the release was reported as “Equipment failure (fitting).” |
| 03/08/2024 | An application [273271] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event. |
| 03/05/2024 | The (03/08/2024, C-141) application [273271] was assigned to this incident. |
| 03/05/2024 | The (03/05/2024, C-141N) application [319819] was assigned to this incident. |
| 10/27/2023 | Your request for an extension to January 7th, 2024 is approved. Please include this e-mail correspondence in the remediation and/or closure report. |
| 10/27/2023 | On Behalf of 3R Operating LLC Atkins Engineering is requesting and extension of time to preform remediation at the Bandit State SWD. Current repair activities on the location and seasonal rains have delayed the remedial excavation. Atkins and its contractors hope to be on site the second week in December 2023. |
| 07/13/2023 | The (07/20/2023, C-141) application [239568] was assigned to this incident. |
| 07/13/2023 | The (07/13/2023, NOR) application [237386] was assigned to this incident. |
| 07/13/2023 | Initial Response question & answers at the time of notification were as follows.<br>• The source of the release has been stopped: True.<br>• The impacted area has been secured to protect human health and the environment: True.<br>• Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices: True.<br>• All free liquids and recoverable materials have been removed and managed appropriately: True. |
| 07/13/2023 | New incident created by the operator, upon the submission of notification of release. |
| 07/07/2023 | Release discovered by the operator. |

## Incident Severity

| | |
|---|---|
| Major release as defined by 19.15.29.7(A) NMAC?<br>☑ Yes ☐ No | From paragraph A. “Major release” determine using:<br>(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |

## Incident Corrective Actions

### Initial Response

☑ The source of the release has been stopped.

☑ The impacted area has been secured to protect human health and the environment.

☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☑ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

### Site Characterization

| | |
|---|---|
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | Greater than 5 (mi.) |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | Between ½ and 1 (mi.) |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | Between ½ and 1 (mi.) |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | Between ½ and 1 (mi.) |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | Between 1 and 5 (mi.) |
| Are the lateral extents of the release within 300 feet of a wetland? | Between ½ and 1 (mi.) |
| Are the lateral extents of the release overlying a subsurface mine? | Greater than 5 (mi.) |
| Are the lateral extents of the release overlying an (non-karst) unstable area? | Between ½ and 1 (mi.) |
| Categorize the risk of this well / site being in a karst geology? | Medium |
| Are the lateral extents of the release within a 100-year floodplain? | Between ½ and 1 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site? | ☑ Yes ☐ No |

## Remediation Plan

| | | | |
|---|---|---|---|
| Have the lateral and vertical extents of contamination been fully delineated? | | | ☑ Yes ☐ No |
| Was this release entirely contained within a lined containment area? | | | ☐ Yes ☑ No |
| | Chloride *** | (EPA 300.0 or SM4500 Cl B) | 25200 (mg/kg) |
| | TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 1135 (mg/kg) |
| | GRO+DRO | (EPA SW-846 Method 8015M) | 834 (mg/kg) |
| | BTEX | (EPA SW-846 Method 8021B or 8260B) | 0 (mg/kg) |
| | Benzene | (EPA SW-846 Method 8021B or 8260B) | 0 (mg/kg) |
| On what estimated date will the remediation commence? | | | 09/23/2023 |
| On what date will (or did) the final sampling occur? | | | 04/25/2025 |
| On what date will (or was) the remediation complete(d) | | | 05/25/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed? | | | 117287 (sq ft) |
| What is the estimated volume (in cubic yards) that will be reclaimed? | | | 17360 (cu yds) |
| What is the estimated surface area (in square feet) that will be remediated? | | | 117287 (sq ft) |
| What is the estimated volume (in cubic yards) that will be remediated? | | | 14320 (cu yds) |

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

☑ (Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)

Is the **off-site** disposal site, to be used, out-of-state? True R360 Redbluff

☐ OTHER (Non-listed remedial process)?

No active remediation deferral request was found for this incident.

No remediation closure report data was found for this incident.

## Orders

No Orders Found

New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012
1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

# Release Notification and Corrective Action

nJMW1217334502

## OPERATOR

X Initial Report  Final Report

| | |
|---|---|
| Name of Company Read & Stevens, Inc 18917 | Contact Will Palmer |
| Address PO Box 1719, Lovington, NM 88260 | Telephone No. (575) 396-5391 |
| Facility Name Saragossa 10 State Tank Battery | Facility Type tank battery |

| | | |
|---|---|---|
| Surface Owner State of New Mexico | Mineral Owner State of New Mexico | Lease No. API 30-015-21071 Bandit St Swd #1 |

## LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---|---|---|---|---|---|---|---|---|
| F | 10 | 23-S | 26-E | | | | | Eddy |

Latitude _____ Longitude _____

## NATURE OF RELEASE

| | | |
|---|---|---|
| Type of Release produced oil | Volume of Release ~140 bbls | Volume Recovered 10 bbls |
| Source of Release<br>Tank bottom developed leak | Date and Hour of Occurrence<br>Between 1000 hours 6.5.12 and 1000 hours 6.6.12 | Date and Hour of Discovery<br>06.6.12 1000 hours |
| Was Immediate Notice Given?<br>X Yes ☐ No ☐ Not Required | If YES, To Whom?<br>Mr. Mike Bratcher, OCD | |
| By Whom? Mr. Will Palmer | Date and Hour 06.6.12 – 1145 hours | |
| Was a Watercourse Reached?<br>☐ Yes X No | If YES, Volume Impacting the Watercourse. | |

RECEIVED
JUN 18 2012
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Pumper started the circulating pump at the facility. A hole developed in the circulating line after the pumper left the location. The bermed area was filled with produced oil which broke over the top of the berm. Remedial action being done involveds replacing the leaking steel nipple.

Describe Area Affected and Cleanup Action Taken.*
The affected area is contained in a 150' x 150' tract. The affected soil is being removed and taken to an OCD approved land farm. Surface soil samples will be taken and checked for hydrocarbon contamination. Fresh topsoil will be purchased, hauled in, and contoured over area. Earthen berms will be rebuilt around the tank battery.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

| | |
|---|---|
| Signature: William V. Palmer | OIL CONSERVATION DIVISION<br>Signed By Mike Bratcher |
| Printed Name: William V. Palmer | Approved by District Supervisor: |
| Title: Manager, Production & Completions | Approval Date: JUN 21 2012 Expiration Date: |
| E-mail Address: WPALMER@READ-STEVENS.COM | Conditions of Approval: Attached ☐ |
| Date: June 11, 2012 Phone: 575.396.5391 | |

* Attach Additional Sheets If Necessary

2RP-1180

Remediation per OCD Rules & Guidelines. **SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:** 7/21/12

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1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | NAB1921736522 |
| District RP | 2RP-5549 |
| Facility ID | |
| Application ID | pAB1921736242 |

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party Read & Stevens, Inc. | OGRID 18917 |
| Contact Name Kelly Barajas | Contact Telephone 575-624-3760 |
| Contact email kbarajas@read-stevens.com | Incident # *(assigned by OCD)* NAB1921736522 |
| Contact mailing address PO Box 1518, Roswell, NM 88202 | |

## Location of Release Source

Latitude 32.320914 32-19-15.29N NAD 83 Longitude -104.283364 104-17-00.11W

*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name Bandit State #1 SWD | Site Type SWD well |
| Date Release Discovered 7/16/2019 | API# *(if applicable)* 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy County, NM |

Surface Owner: ☑ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☑ Produced Water | Volume Released (bbls) 100 | Volume Recovered (bbls) In Progress |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release
There was a hole in the discharge line.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NAB1921736522 |
| District RP | 2RP-5549 |
| Facility ID | |
| Application ID | pAB1921736242 |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br>☑ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release?<br>There was a minimum of 100 bbls of water released from the hole in the discharge line. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>By phone, spoke with Robert Hamlet at the OCD office for Eddy County at 11:45 AM on July 16, 2019. Followed up with 3 emails. | |

## 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.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:
Joe Tovar is in contact with Republic Backhoe Service to find out when they are available to recover the water and contaminated soil from the release.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.

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

Printed Name: Kelly Barajas
Title: Production & Regulatory
Signature: KBarajas
Date: July 16, 2019
email: kbarajas@read-stevens.com
Telephone: 575-624-3760

**OCD Only**

Received by: Amalia Bustamante
Date: 8/5/2019

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | nAB1922139305 |
| District RP | 2RP-5567 |
| Facility ID | |
| Application ID | pAB1922131667 |

77K0G-190729-C-1410

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party Read & Stevens, Inc. | OGRID 18917 |
| Contact Name Kelly Barajas | Contact Telephone 575-624-3760 |
| Contact email kbarajas@read-stevens.com | Incident # *(assigned by OCD)* NAB1922139305 |
| Contact mailing address PO Box 1518, Roswell, NM 88202 | |

## Location of Release Source

Latitude **32.320914 32-19-15.29N NAD 83** AB

Longitude **-104.283330 104-17-00.11W AB

*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name Bandit State #1 SWD | Site Type SWD well |
| Date Release Discovered 7/27/2019 | API# *(if applicable)* 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy County, NM |

Surface Owner: ☑ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☑ Produced Water | Volume Released (bbls) 75 | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release
One of the fitting valves had a leak.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NAB1922139305 |
| District RP | 2RP-5567 |
| Facility ID | |
| Application ID | pAB1922131667 |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? ☑ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release? There was a 75 bbls of water released from one of the fittings from a leak. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By phone, spoke with Victoria Venegas at the OCD office in Eddy County at 9:28 AM on July 29, 2019. Followed up with 1 email stating the same. | |

## 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.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:
Joe Tovar is in contact with Republic Backhoe Service to find out when they are available to recover the water and contaminated soil from the release.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.

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

Printed Name: Kelly Barajas
Title: Production & Regulatory
Signature: K Barajas
Date: July 29, 2019
email: kbarajas@read-stevens.com
Telephone: 575-624-3760

**OCD Only**

Received by: Amalia Bustamante
Date: 8/9/2019

**District I**
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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 237386

## QUESTIONS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>237386 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Location of Release Source**<br>*Please answer all the questions in this group.* | |
|---|---|
| Site Name | Bandit State SWD #1 |
| Date Release Discovered | 07/07/2023 |
| Surface Owner | State |

| **Incident Details**<br>*Please answer all the questions in this group.* | |
|---|---|
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| 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**<br>*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
|---|---|
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Equipment Failure \| Fitting \| Produced Water \| Released: 75 BBL \| Recovered: 50 BBL \| Lost: 25 BBL. |
| Is the concentration of dissolved chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>237386 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Nature and Volume of Release (continued)** | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | **No, according to supplied volumes this does not appear to be a "gas only" report.** |
| Was this a major release as defined by 19.15.29.7(A) NMAC | **Yes, major release.** |
| Reasons why this would be considered a submission for a notification of a major release | • Unauthorized release of a volume, excluding gases, of 25 barrels or more |
| If YES, was immediate notice given to the OCD, by whom | *Not answered.* |
| If YES, was immediate notice given to the OCD, to whom | *Not answered.* |
| If YES, was immediate notice given to the OCD, when | *Not answered.* |
| If YES, was immediate notice given to the OCD, by what means (phone, email, etc.) | *Not answered.* |
| *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**<br>*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
|---|---|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | *Not answered.* |
| *Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.* | |

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



## ACKNOWLEDGMENTS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>237386 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**ACKNOWLEDGMENTS**

| | |
|---|---|
| ☑ | I acknowledge that I am authorized to submit notification of a releases on behalf of my operator. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |

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

CONDITIONS

Action 237386

## CONDITIONS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>237386 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| lfranco | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 7/13/2023 |

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

QUESTIONS

Action 243925

## QUESTIONS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>243925 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Location of Release Source**<br>*Please answer all the questions in this group.* | |
|---|---|
| Site Name | SARAGOSSA 10 STATE COM |
| Date Release Discovered | 07/23/2023 |
| Surface Owner | State |

| **Incident Details**<br>*Please answer all the questions in this group.* | |
|---|---|
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| 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**<br>*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
|---|---|
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Human Error \| Truck \| Produced Water \| Released: 220 BBL \| Recovered: 70 BBL \| Lost: 150 BBL. |
| Is the concentration of dissolved 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) | water hauler failed to remove his hose after pulling a load of water and drove off with it connected, breaking the drain valve off the back of the tank. The total release was 220 bbls of water and 70 bbls were recovered. Everything stayed within the berm, repairs are being made to the tank |

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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 (continued)

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>243925 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Nature and Volume of Release (continued)** | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | **No, according to supplied volumes this does not appear to be a "gas only" report.** |
| Was this a major release as defined by 19.15.29.7(A) NMAC | **Yes, major release.** |
| Reasons why this would be considered a submission for a notification of a major release | • Unauthorized release of a volume, excluding gases, of 25 barrels or more |
| If YES, was immediate notice given to the OCD, by whom | Lauren Franco |
| If YES, was immediate notice given to the OCD, to whom | Mike Bratcher |
| If YES, was immediate notice given to the OCD, when | 07/25/2023 |
| If YES, was immediate notice given to the OCD, by what means (phone, email, etc.) | phone |
| *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**<br>*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
|---|---|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | *Not answered.* |
| *Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.* | |

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



## ACKNOWLEDGMENTS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>243925 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**ACKNOWLEDGMENTS**

| | |
|---|---|
| ☑ | I acknowledge that I am authorized to submit notification of a releases on behalf of my operator. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |

**District I**
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
**District II**
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**District III**
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**District IV**
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 243925

## CONDITIONS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>243925 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| lfranco | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 7/25/2023 |

# Site Assessment Report, Alternative Sampling Plan & Proposed Remediation Workplan

**2/27/2025 Etech**

# Site Assessment Report, Alternative Sampling Plan & Proposed Remediation Workplan

**3R Operating, LLC**
**Bandit State SWD #001/Saragossa 10 State Com**
Eddy County, New Mexico
Unit Letter F, Section 10, Township 23 South, Range 26 East
Latitude 32.32091 North, Longitude 104.28336 West
**NMOCD Reference Nos.**
nJMW1217334502, nAB1921736522, nAB1922139305, nAPP2319437518, nAPP2320640601

Prepared By:

**Etech Environmental & Safety Solutions, Inc.**
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Hobbs, New Mexico 88240

Ben Arguijo

Joel W. Lowry

*Midland • San Antonio • Lubbock • Hobbs • Lafayette*

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# 1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of 3R Operating, LLC, has prepared this *Site Assessment Report, Alternative Sampling Plan & Proposed Remediation Workplan* for the reportable releases site at the Bandit State SWD #001/Saragossa 10 State Com (henceforth, "Site"). Between June 5, 2012 and July 23, 2023, there have been five (5) reporatble release at the Site. Three (3) of the release occured under the former operator; however, they were not remediated prior to the change of ownership. The releases will be remediated concurrently. Details of the release are summarized below:

## Location of Release Source

Latitude: 32.32091 Longitude: -104.28336

Provided GPS are in WGS84 format.

| | | | |
|---|---|---|---|
| Site Name: | Saragossa 10 State Tank Battery | Site Type: | Tank Battery |
| Date Release Discovered: | 6/6/2012 | API # (if applicable): | 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [X] Other (describe) Produced Oil | Volume/Weight Released ~140 | Volume/Weight Recovered 10 |

Cause of Release:
Pumper started the circulating pump at the facility. A hole developed in the circulating line after the pumper left the location. The bermed area was filled with produced oil which broke over the top of the berm. Remediation action involved.

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

## Location of Release Source

Latitude: 32.32091 Longitude: -104.28336

Provided GPS are in WGS84 format.

| Site Name: | Bandit State #1 SWD | Site Type: | SWD |
|---|---|---|---|
| Date Release Discovered: | 7/16/2019 | API # (if applicable): | 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [X] Produced Water | Volume Released (bbls) 100 | Volume Recovered (bbls) unknown |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [ ] Other (describe) | Volume Released (bbls) | Volume/Weight Recovered |

Cause of Release:
There was a hole in the discharge line.

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

## Location of Release Source

Latitude: 32.32091 Longitude: -104.28333

Provided GPS are in WGS84 format.

| | | | |
|---|---|---|---|
| Site Name: | Bandit State #1 SWD | Site Type: | SWD well |
| Date Release Discovered: | 7/27/2019 | API # (if applicable): | 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [X] Produced Water | Volume Released (bbls) 75 | Volume Recovered (bbls) unknown |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [ ] Other (describe) Produced Oil | Volume Released (bbls) | Volume/Weight Recovered |

Cause of Release:
One of the fitting valves had a leak.

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

## Location of Release Source

Latitude: 32.32091 Longitude: -104.2832

Provided GPS are in WGS84 format.

| Site Name: | Bandit State #1 SWD | Site Type: | SWD |
|---|---|---|---|
| Date Release Discovered: | 7/7/2023 | API # (if applicable): | 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [X] Produced Water | Volume Released (bbls) 75 | Volume Recovered (bbls) 50 |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [ ] Other (describe) | Volume Released (bbls) | Volume/Weight Recovered |

Cause of Release:
Equipment Failure; Fitting

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

## Location of Release Source

Latitude: 32.32555 Longitude: -104.27993

Provided GPS are in WGS84 format.

| | | | |
|---|---|---|---|
| Site Name: | Saragossa 10 State Com | Site Type: | SWD |
| Date Release Discovered: | 7/23/2023 | API # (if applicable): | 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy |

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

## Nature and Volume of Release

| | | |
|---|---|---|
| [ ] Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| [X] Produced Water | Volume Released (bbls) 220 | Volume Recovered (bbls) 70 |
| | Is the concentration of dissolved chloride in the produced water > 10,000 mg/L? | [X] Yes [ ] No [ ] N/A |
| [ ] Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| [ ] Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| [ ] Other (describe) | Volume Released (bbls) | Volume/Weight Recovered |

Cause of Release:
Water hauler failed to remove his hose after pulling a load of water and drove off with it connected, breaking the drain valve off the back of the tank. Everything stayed within the berm, repairs were to be made to the tank.

## Initial Response

- [X] The source of the release has been stopped.
- [X] The impacted area has been secured to protect human health and the environment.
- [X] Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
- [X] All free liquids and recoverable materials have been removed and managed appropriately.

Previously submitted portions of the Release Notification and Correction Action Form (Form C-141) are available on the NMOCD Permitting System.

## 2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined by gauging a nearby well, along with data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

On April 23, 2024, Southwest Geophysical Consulting, LLC (SGC), conducted a pedestrian karst survey in an effort to determine if any karst features were present within 200 feet of the Site. During the pedestrian karst survey the nearest karst feature was approximately 0.48 miles east-northeast of the Site. The karst feature was described as an approximate 1.2-meter-diameter suffusion sinkhole, approximately 50 centimeters deep. In addition, SGC completed a karst desk study reviewing available satellite and aerial imagery, the Southwest Geophysical Cave and Karst Database, and geological maps. Based on the results of the pedestrian karst survey and associated desk study, it was determined that the Site was not overlying an unstable area. A copy of the "Cave and Karst Resource Inventory Report" is provided as Appendix E.

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | > 100 ft. bgs |
| Did the release impact groundwater or surface water? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | ☐ Yes ☒ No |
| Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a wetland? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | ☐ Yes ☒ No |
| Are the lateral extents of the release within a 100-year floodplain? | ☐ Yes ☒ No |
| Did the release impact areas not on an exploration, development, production or storage site? | ☒ Yes ☐ No |

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1, 2a and 2b.

## 3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standards for the Site are as follows:

| Probable Depth to Groundwater | Constituent | Laboratory Analytical Method | Closure Criteria*† | Reclamation Standard*‡ |
|---|---|---|---|---|
| > 100 Feet | Chloride (Cl-) | EPA 300.0 or SM4500 Cl B | 20,000 | 600 |
| | Total Petroleum Hydrocarbons (TPH) | EPA SW-846 Method 8015M Ext | 2,500 | 100 |
| | Gas Range Organics + Diesel Range Organics (GRO + DRO) | EPA SW-846 Method 8015M | 1,000 | - |
| | Benzene | EPA SW-846 Methods 8021b or 8260b | 10 | 10 |
| | Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA SW-846 Methods 8021b or 8260b | 50 | 50 |

* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

# 4.0 BACKGROUND INFORMATION

Review of available environmental records suggests that there were three (3) open reportable releases at the Bandit State SWD #001 prior to 3R assuming ownership of the facility. The first reportable release occurred on June 6, 2012. Review of the Initial Form C-141 indicated that failure of a circulating line resulted in the release of approximately 140 bbls of produced oil. During initial response activities,, the circulating line was repaired and approximately 10 bbls of produced oil were recovered. Copies of the Initial Form C-141s are provided in Appendix F.

The second reportable release occurred on July 16, 2019. Review of the Initial Form C-141 indicated that a hole in the discharge line resulted in the release of approximately 100 bbls of produced water. During initial response activities, the circulating line was repaired, and an unknown volume of produced water was recovered.

The third reportable release occurred on July 27, 2019. Review of the Initial Form C-141 indicated that a leak in one of the fitting valves resulted in the release of approximately 75 bbls of produced water. During initial response activities, the circulating line was repaired, and an unknown volume of produced water was recovered.

Based on a review of available information, initial response activities were conducted for each of the reported releases, including but not limited to eliminating the source, recovering free-standing fluids and repairing the failed equipment. It is unclear whether remediation activities were conducted, as environmental records are incomplete, and the incidents remain open within the NMOCD database.

On March 22, 2023, an alternative environmental contractor conducted an electromagnetic survey at the Bandit State SWD #1 in an effort to determine if soil impacts were present at the Site and to characterize their extent. During the electromagnetic survey, a Geonics Ltd. EM-38 ground conductivity meter was utilized to map variations in the ground conductivity and identify anomalously conductive soils. Based on a review of the electromagnetic survey data, it was determined that the greatest variations in the ground conductivity were proximate to the central portion of the historical drilling reserve pit.

On or around June 15, 2023, 3R became the operator of record. On July 7 and 23, 2023, 3R had reportable releases at the Site. Each of the releases were reported to the NMOCD within 24 hours, as necessary. Details from the Notice of Release (NOR) indicated that the first reported release was attributed to the failure of a fitting, resulting in the release of approximately 75 bbls of produced water. During initial response activities, approximately 50 bbls of produced water were recovered utilizing a vacuum

The second reported release occurred on July 23, 2023. Details from the NOR indicated that the first reported release was attributed to a water hauler driving off with his hose still connected, breaking the drain valve and resulting in the release of approximately 220 bbls of produced water. During initial response activities, approximately 70 bbls of produced water were recovered utilizing a vacuum truck.

Between September 20 and September 23, 2023, the environmental contractor revisited the Site in an effort to further characterize soil impacts. During the Site visit, a direct push drilling rig was utilized to advance six (6) soil borings within the inferred affected area. During the advancement of the soil borings, soil samples were collected at select intervals and field screened for the presence of Volatile Organic Compounds and chloride. Based on field test results, chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples, with the exception of soil sample DPT-1-’ which exhibited a field concentration of 20,144 mg/kg. Field soil sample DPT5-0-2’ suggested chloride concentrations exceeded the applicable NMOCD Reclamation Standard in the “off pad” area characterized by sample point DPT5. Copies of the field notes and "Soil Profile Logs" are provided in Appendix B.

Between September 23, 2023, and March 4, 2024, limited remediation activities were conducted at the Site by an alternative environmental contractor. Impacted material affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards on the caliche well pad was excavated and transported to an NMOCD-approved surface waste facility for disposal. The floor of the excavated area was advanced to an approximate depth of 4 ft. bgs. The excavation sidewalls were advanced toward the east until a caliche oilfield access road was encountered, toward the north until the historic drilling reserve pit was encountered, and toward the west until the active tank battery facility was encountered. A Photographic Log is provided in Appendix D.

On June 5, 2024, 3R submitted a *Remediation Work Plan* (*Workplan*) detailing field activities conducted to date, including data collected during the electromagnetic survey, soil investigation, *Cave and Karst Resource Inventory* and groundwater gauging. The *Workplan* detailed the removal of approximately 5,756 cubic yards (cy) of impacted material from the Site and proposed the removal of an additional 1,500 to 2,000 cy of impacted material affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards from the "off pad" area east of the caliche access road. The *Workplan* was subsequently denied on the basis that it lacked necessary site and sample location maps and that the Site didn't appear to be fully delineated. Copies of the previously submitted reports are provided in Appendix F.

On July 6, 2024, the Site was revisited. During the Site visit, a direct push rig was utilized to advance soil borings in the areas characterized by field test results from sample points DPT1, DPT2, DPT3 and DPT6. During the advancement of the soil borings, soils samples were collected from 4 to 6 ft. bgs and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated soil was not affected above the NMOCD Closure Criteria Standard for BTEX, TPH or chloride beyond 4 ft. bgs in any of the investigated areas.

On July 3, 2024, a second *Workplan* was submitted to the NMOCD in an effort to address deficiencies identified in the previous *Workplan*. The second *Workplan* included additional maps along with laboratory analytical data from additional delineation soil samples and chloride field test results from sidewall samples collected by a subcontractor. The *Workplan* indicated that 3R would continue excavating and transporting impacted material to an NMOCD-approved surface waste facility and that a deferral request would be submitted with the closure report upon completion. The second *Workplan* does not appear to have been approved.

Between July 22 and August 22, 2024, a total of163 excavation confirmation soil samples were collected at the Site. In addition, four (4) soil samples were collected from the area characterized by the historic drilling reserve pit. Two (2) of the soil samples were collected from the southern portion of the pit, documenting its presence north of the former environmental excavation, along with two (2) additional samples on the north side of the historic drilling reserve pit characterizing its horizontal extent. Upon receiving laboratory analytical results from excavation confirmation soil samples, the excavated areas were backfilled with locally sourced, non-impacted "like" material. Excavation backfill was contoured and compacted to achieve erosion control and meet the needs of the facility to the extent practicable. During the course of remediation activities, approximately 7,216 cy of impacted material was excavated and transported to an NMOCD-approved surface waste facility. A "Soil Chemistry Table" is provided as Table 1. A "Site and Sample Location Map" is provided as Figure 3. Laboratory analytical reports are provided in Appendix C.

On December 5, 2024, 3R submitted a *Remediation Closure Report* (*Closure Report*) to the NMOCD detailing remediation activities and laboratory analytical results from excavation confirmation and delineation soil samples. The *Closure Report* was subsequently denied on the basis that the removal of a portion of the impacted material affected above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards remaining in-situ would not result in a major facility deconstruction, areas proposed for deferral were not adequately characterized or delineated, an insufficient number of confirmation soil samples were collected and a portion of the soil samples were analyzed outside of hold time, among other things. A "Site Diagram and Proposed Deferral Map" is provided as Figure 4.

On February 12, 2025, representatives of the NMOCD, NMSLO, 3R and Etech met to discuss the Site. During the meeting, existing data and field activities conducted to date were discussed, along with future remediation activities that would be required to bring the Site into regulatory compliance.

## 5.0 PROPOSED REMEDIATION PLAN

Based on a review of existing environmental records, field activities conducted to date and discussions during the February 12, 2025, meeting, Etech, on behalf of 3R, proposes the following activities designed to bring the Site into regulatory compliance:

### General

•Submit an electronic sampling notification, post-dated, to include each of the previous confirmation soil sampling events. Additional electronic sampling notifications will be submitted to address future confirmation soil sampling, as necessary.

### Facility

• Excavate impacted material affected above the NMOCD Closure Criteria remaining in-situ proximate to the buried and above ground utilities at the active facility.

° The floor and sidewalls of the excavated areas will be advanced until laboratory analytical results indicate concentrations of BTEX, TPH and chloride are below the NMOCD Closure Criteria.

### Non-Facility

• Excavate impacted material affected above the NMOCD Reclamation Standards in the area formerly proposed for deferral proximate to the caliche access road characterized by soil samples SW 12 and SW 11.

° The floor and sidewalls of the excavated area will be advanced until laboratory analytical results from excavation confirmation soil samples indicate concentrations of BTEX, TPH and chloride are below the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standards.

• Collect confirmation sidewall soil samples in the areas characterized by apparent data gaps, including but not limited to the area east of SW4 in the southern portion of the Site and from the sub excavation in the northeast portion of the Site.

### Active Tank Battery

• Excavate impacted material affected above the NMOCD Closure Criteria within the active tank battery containment to the maximum extent practicable. Etech maintains that complete removal of impacted material affected above the NMOCD Closure Criteria poses a risk to human health, safety and the environment and would require a major facility deconstruction.

• Upon excavating impacted material to the maximum extent practicable, advance three (3) to four (4) deferral characterization trenches within the tank battery containment area. During the advancement of the deferral characterization trenches, soil samples will be collected in an effort characterize impacts remaining in-situ along with the vertical extent of impact, as necessary.

• In addition, horizontally delineate the proposed deferral area toward the north and west by collecting a series of delineation soil samples in an effort to determine the horizontal extent of impacts remaining in-situ.

° In the event impacted material affected above the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standards is encountered on the west side of the active tank battery facility, it will be excavated and sampled, as necessary.

### Historic Reserve Pit

• Advance a vertical delineation trench in the central portion of the historical drilling reserve pit. The trench will be advanced until laboratory analytical results from delineation soil samples indicate concentrations of BTEX, TPH and chloride are below the NMOCD Closure Criteria.

• Extend the formerly accepted facility boundaries toward the north, over the southern portion of the historical drilling reserve pit, to include the active flare, associated containment, natural gas meter run and electrical utilities.

° The expanded facility boundaries will include improvements to the northern portion of the caliche pad to ensure access to the flare and meter run during inclement weather, along with the installation of a firewall in an effort to mitigate off-site contamination.

° It is understood that eventual reclamation activities will include the removal and replacement of impacted material affected above the NMOCD Reclamation Standards present within the uppermost four (4) ft., as necessary.

• Upon expanding the facility boundaries to include the active flare, associated containment, meter run and electrical utilities, conduct a soil investigation of adjacent non-facility areas in an effort to determine if impacted soil affected above the NMOCD Reclamation Standard and/or the NMOCD Closure Criteria is present.

° In the event impacted material affected above the applicable NMOCD Closure Criteria and/or the NMOCD Reclamation Standards is encountered on the west side of the active tank battery facility it will be excavated and sampled, as necessary.

## 6.0 ALTERNATIVE SAMPLING PLAN

Based on abundance of soil investigation data, the size of the affected area and field activities conducted to date, Etech, on behalf of 3R, requests permission to adjust excavation confirmation sampling requirements from the collection of soil samples representing every 200 square feet to the collection of soil samples representing no more than 400 square feet.

In addition, it was noted that approximately 60 soil samples (SP1 through SP60) collected primarily in the eastern portion of the Site were analyzed out of hold time for BTEX and TPH however, the soil samples were well within acceptable hold times for chloride. Given the absence of BTEX and TPH constituents in a majority of the soil samples, Etech, on behalf of 3R, requests

permission to collect approximately seven (7) equally spaced, representative composite soil samples from the areas characterized by soil samples SP1 thought SP7 for BTEX and TPH analysis. In the event that BTEX and/or TPH are encountered above the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards, the affected area will be further investigated, excavated and sampled, as necessary.

## 7.0 DEFERRAL REQUEST

Remediation activities will be conducted in accordance with applicable NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards remaining in-situ will be excavated to the extent practicable and transported to an NMOCD-approved facility for disposal. The floor and sidewalls of the excavated areas will be advanced until in-situ concentrations of BTEX, TPH and chloride are below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Impacted soil affected above the NMOCD Closure Criteria remaining in-situ in the proposed deferral areas will be characterized, delineated and remediated upon decommissioning and abandonment of the facility, in accordance with Sections 19.15.29.12 and 19.15.29.13 NMAC.

Etech maintains complete removal of impacted material affected above the NMOCD Closure Criteria poses a risk to human health, safety and the environment and would result in a major facility deconstruction.

## 8.0 TIMELINE AND ESTIMATED VOLUME OF SOIL TO BE REMEDIATED

Remediation activities are expected to be completed within ninety (90) days of receiving necessary approval(s) of the *Site Assessment Summary and Proposed Remediation Plan*. Based on laboratory analytical results, site characteristics, and field observations made during the initial site visit, it is estimated that approximately 3,020 cy of impacted soil is in need of removal. Approximately 7,216 cy of impacted material has already been excavated and transported off-site.

## 9.0 RESTORATION, RECLAMATION, AND RE-VEGETATION PLAN

Areas affected by remediation and closure activities will be substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of

## 10.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Site Assessment Report, Alternative Sampling Plan & Proposed Remediation Workplan* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of 3R Operating, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or 3R Operating, LLC.

## 11.0 DISTRIBUTION

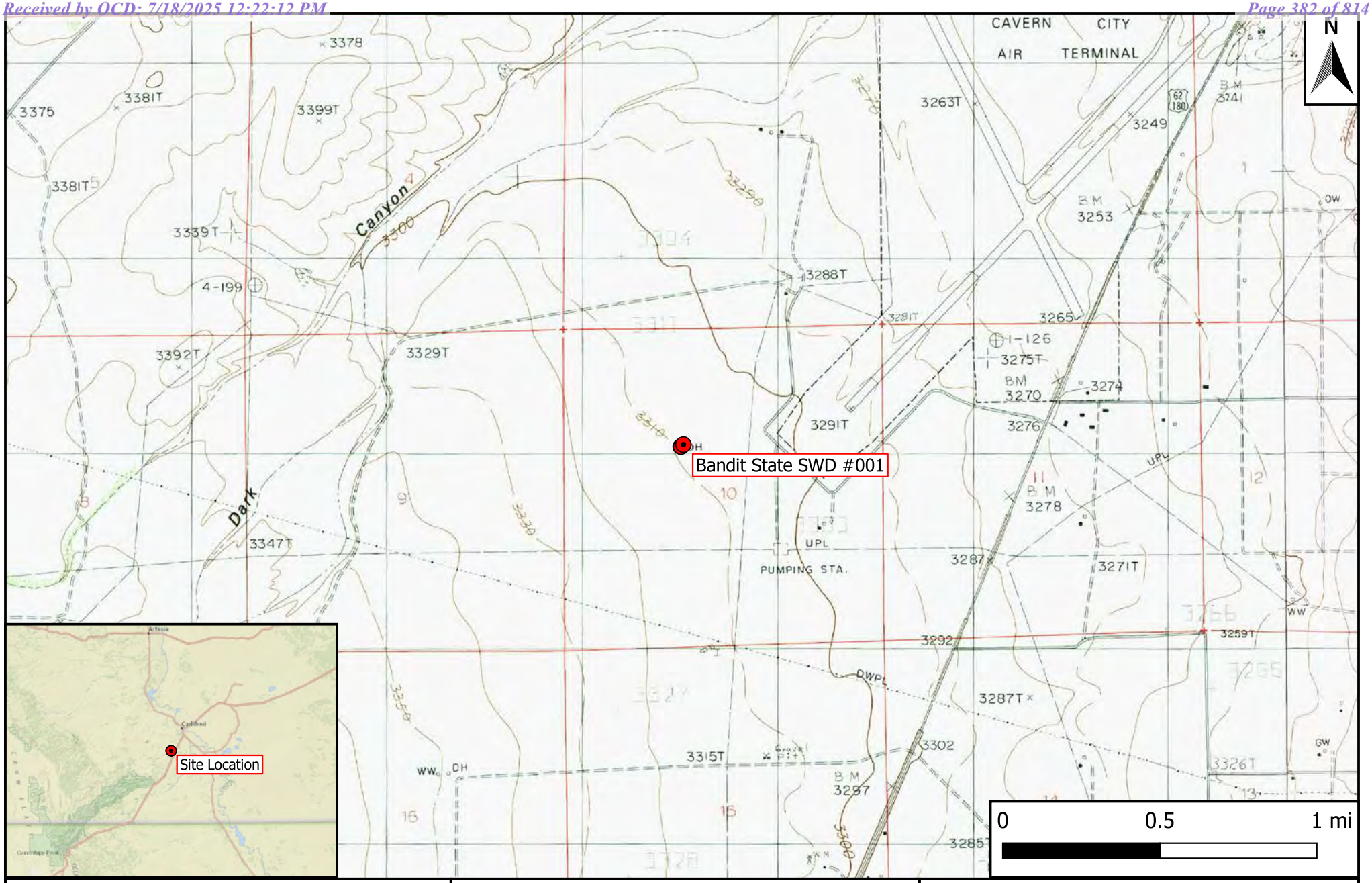
***3R Operating, LLC***
*20405 State Highway 249*
*Ste 820*
*Houston, TX 77070*

***New Mexico Energy, Minerals and Natural Resources Department***
*Oil Conservation Division, District 2*
*811 S. First Street*
*Artesia, NM 88210*

***New Mexico State Land Office***
*Environmental Compliance Office*
*310 Old Santa Fe Trail*
*Santa Fe, NM 87501*

*(Electronic Submission)*

# Figure 1
# Topographic Map




Legend

- Site Location

**Figure 1**
Site Location Map
3 R Operating
Bandit-Saragossa Projects
GPS: 32.32091, -104.28336
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 2025-02-24

# Figures 2a & 2b
# Site Characterization Maps

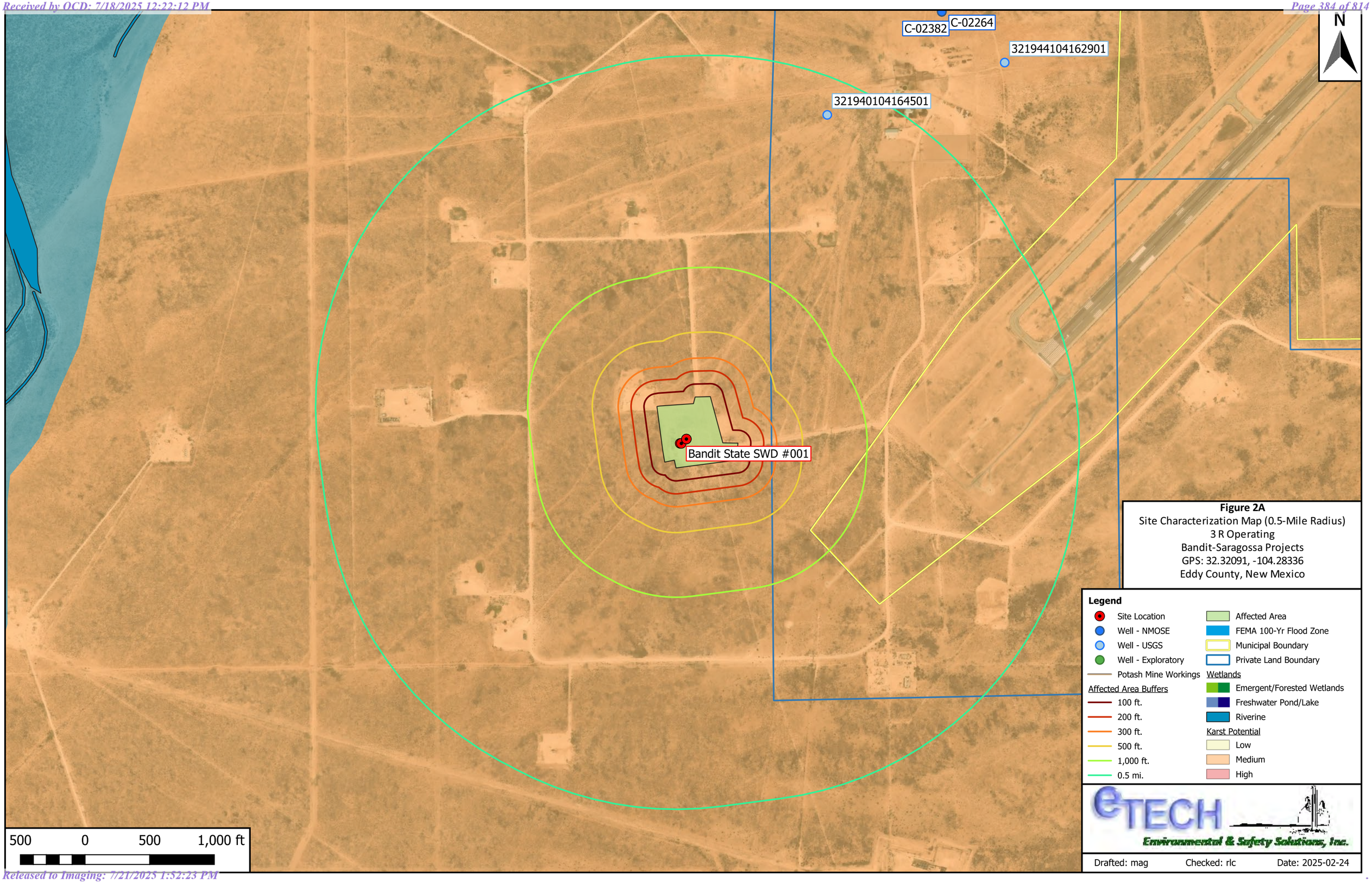



**Figure 2A**
Site Characterization Map (0.5-Mile Radius)
3 R Operating
Bandit-Saragossa Projects
GPS: 32.32091, -104.28336
Eddy County, New Mexico

**Legend**

- Site Location
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- Potash Mine Workings

Affected Area Buffers
- 100 ft.
- 200 ft.
- 300 ft.
- 500 ft.
- 1,000 ft.
- 0.5 mi.

- Affected Area
- FEMA 100-Yr Flood Zone
- Municipal Boundary
- Private Land Boundary

Wetlands
- Emergent/Forested Wetlands
- Freshwater Pond/Lake
- Riverine

Karst Potential
- Low
- Medium
- High

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 2025-02-24

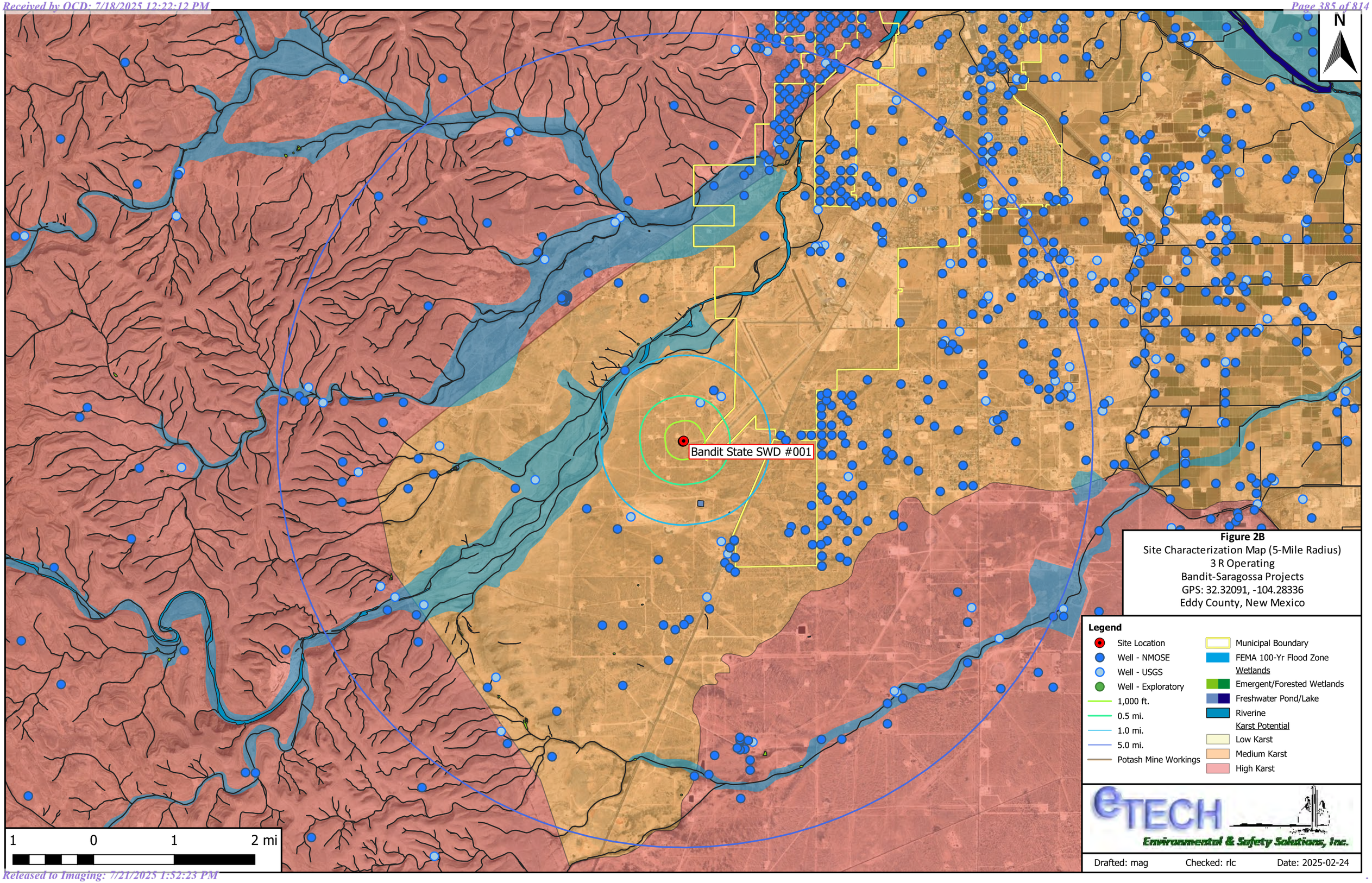



**Figure 2B**
Site Characterization Map (5-Mile Radius)
3 R Operating
Bandit-Saragossa Projects
GPS: 32.32091, -104.28336
Eddy County, New Mexico

**Legend**

- Site Location
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- 1,000 ft.
- 0.5 mi.
- 1.0 mi.
- 5.0 mi.
- Potash Mine Workings
- Municipal Boundary
- FEMA 100-Yr Flood Zone

Wetlands

- Emergent/Forested Wetlands
- Freshwater Pond/Lake
- Riverine

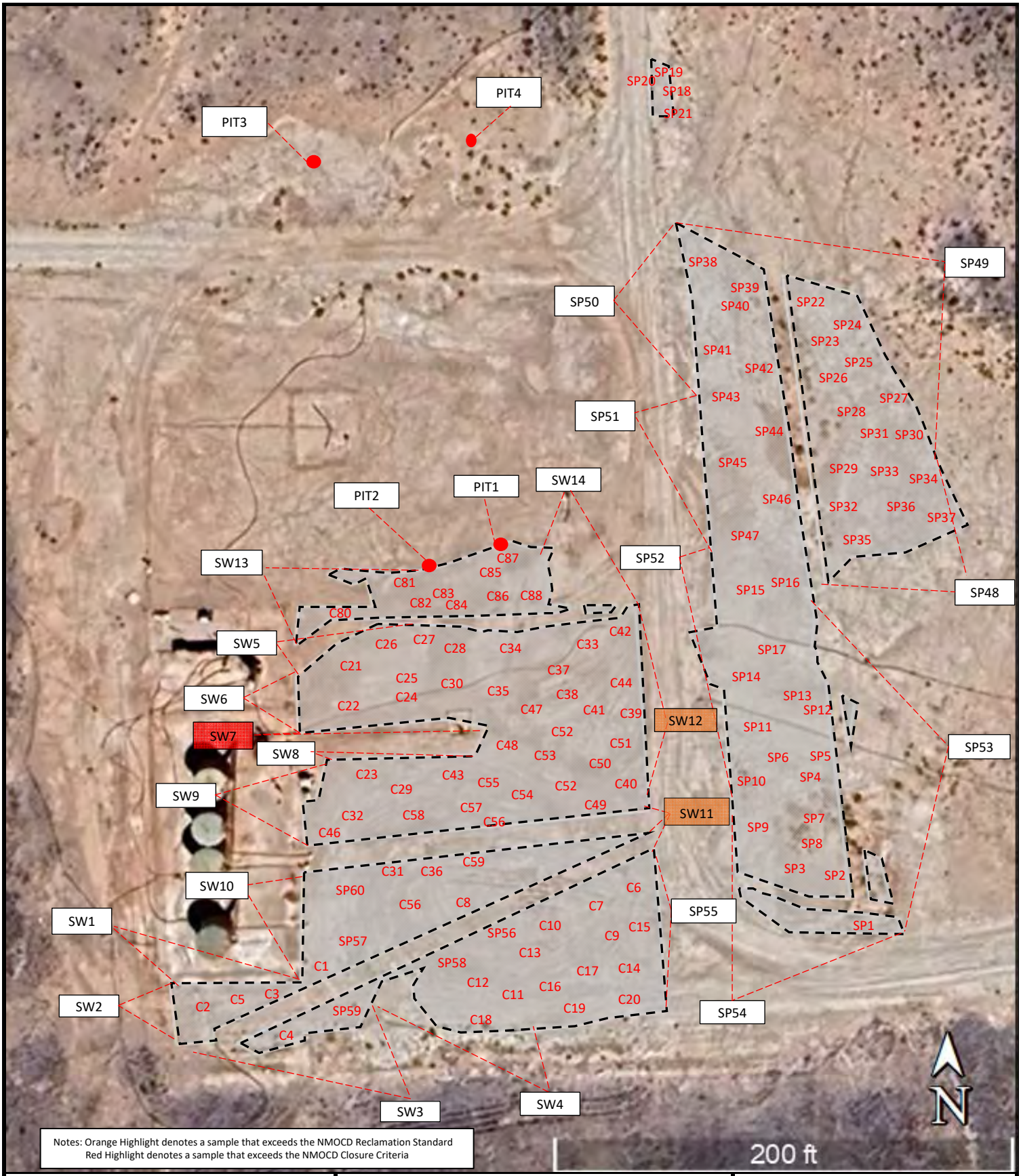
Karst Potential

- Low Karst
- Medium Karst
- High Karst

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 2025-02-24

# Figure 3
# Site and Sample Location Map




**Legend:**

- Sample Point
- Excavated Area
- C56 Confirmation Sample Location

**Figure 3**

Site and Sample Location Map

3R Operating, LLC

Bandit State SWD #001

GPS: 32.32091, -104.28336

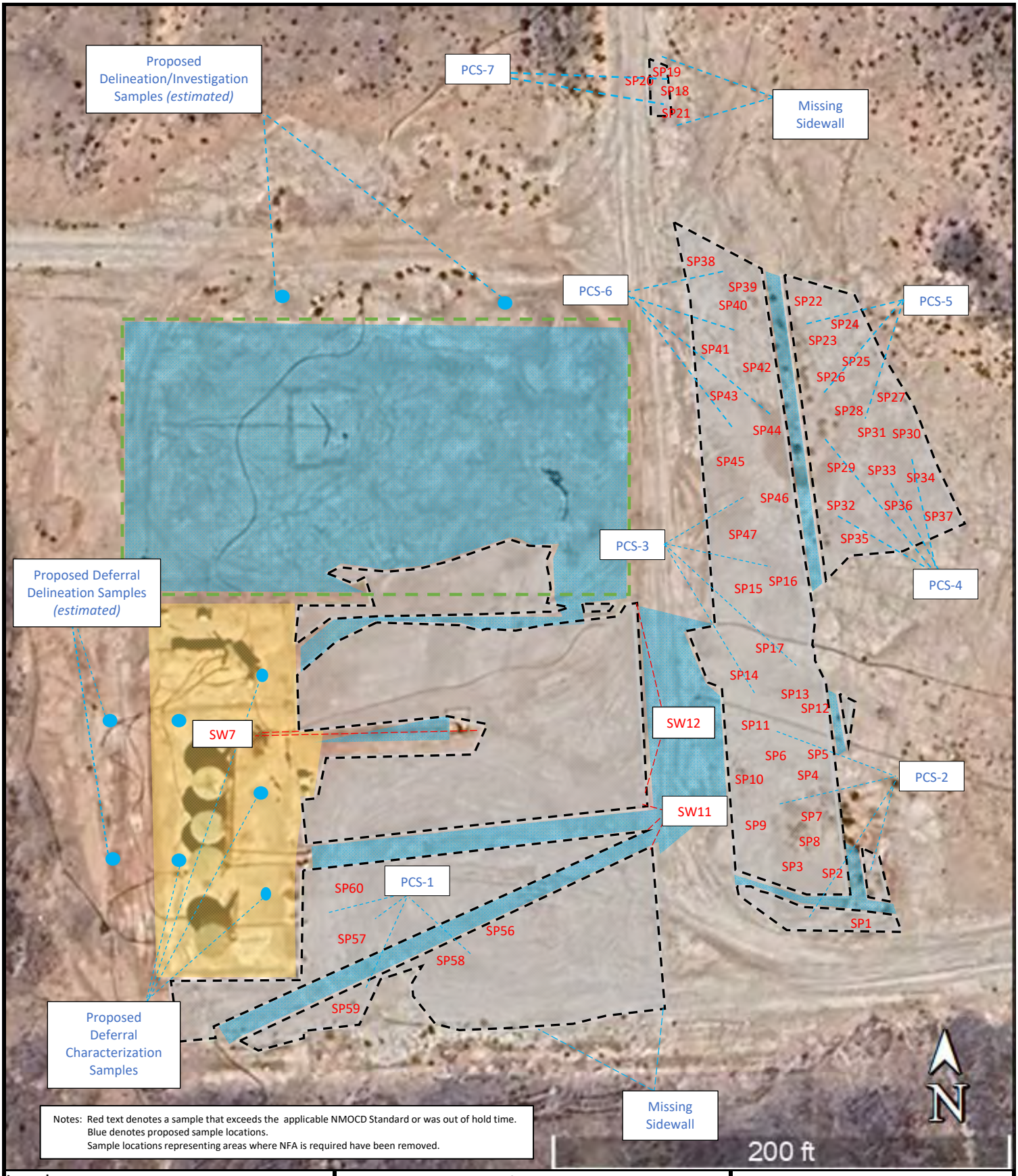
Eddy County

eTECH Environmental & Safety Solutions, Inc.

Drafted: jwl

Checked: bja Date: 2/24/25

# Figure 4
# Site Diagram and Proposed Deferral Map




Notes: Red text denotes a sample that exceeds the applicable NMOCD Standard or was out of hold time.
Blue denotes proposed sample locations.
Sample locations representing areas where NFA is required have been removed.

**Legend:**

- Excavated Area
- Proposed Sample Point
- Proposed Deferral Area
- Expanded Facility Boundary
- Anticipated Excavation

**Figure 4**

Site Diagram and Proposed Deferral Map

3R Operating, LLC

Bandit State SWD #001

GPS: 32.32091, -104.28336

Eddy County

eTECH Environmental & Safety Solutions, Inc.

Drafted: jwl

Checked: bja Date: 2/24/25

# Table 1
# Concentrations of BTEX, TPH, and Chloride in Soil

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3 R Operating**
**Bandit State SWD #001**
**NMOCD Ref. #: nAB1921736522**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| | | | | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| DPT1-4’ | 6/6/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 582 |
| DPT2-6’ | 6/6/2024 | 6 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |
| DPT3-4’ | 6/6/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 299 |
| DPT5-5’ | 6/6/2024 | 5 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 606 |
| DPT6 4’ | 6/6/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 4,690 |
| BH1-4.5’ | 6/6/2024 | 5 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,100 |
| BH2-4.5’ | 6/6/2024 | 5 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 38.9 |
| BH3-4.5’ | 6/6/2024 | 5 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,040 |
| BH5-2’ | 6/6/2024 | 2 | Excavated | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 4,860 |
| BH5-3’ | 6/6/2024 | 3 | Excavated | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,580 |
| BH6-2’ | 6/6/2024 | 2 | Excavated | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 166 |
| BH6-3’ | 6/6/2024 | 3 | Excavated | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 45.4 |
| BH7-2’ | 6/6/2024 | 2 | Excavated | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,190 |
| BH7-3’ | 6/6/2024 | 3 | Excavated | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 721 |
| BH8-2’ | 6/6/2024 | 2 | Excavated | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,640 |
| BH8-3’ | 6/6/2024 | 3 | Excavated | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,700 |
| SW1 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 10,500 |
| SW2 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 113 |
| SW3 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 187 |
| SW4 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 107 |
| SW5 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 25.0 | 25.0 | <50 | <100 | 13,200 |
| SW6 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 29.9 | 29.9 | <50 | <100 | 18,100 |
| SW7 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 76.7 | 76.7 | 74.1 | 150.8 | **25,200** |
| SW8 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 210 | 210 | 267 | 477 | 6,020 |
| SW9 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 834 | 834 | 301 | 1,135 | 11,100 |
| SW10 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 39.9 | 39.9 | <50 | <100 | 479 |
| SW11 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 52.2 | 52.2 | 68.1 | **120** | **3,320** |
| SW12 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 53.6 | 53.6 | <50 | <100 | **5,480** |
| SW13 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | 148 | 148 | 115 | 263 | 11,000 |
| SW14 | 7/22/2024 | 0-4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 14,600 |
| PIT 1 | 7/22/2024 | 0 | Pit Surface | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 6,560 |
| PIT 2 | 7/22/2024 | 0 | Pit Surface | <0.100 | <0.100 | <20 | 95.8 | 95.8 | <50 | <100 | 17,400 |
| PIT 3 | 7/22/2024 | 0 | Pit Surface | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 43.6 |
| PIT 4 | 7/22/2024 | 0 | Pit Surface | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 22.2 |
| C1 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,890 |
| C2 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 34.7 |
| C3 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 351 |
| C4 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 371 |
| C5 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 240 |
| C6 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 846 |
| C7 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 63.2 |

Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3 R Operating**
**Bandit State SWD #001**
**NMOCD Ref. #: nAB1921736522**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| | | | | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| C8 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 109 |
| C9 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 92.8 |
| C10 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 321 |
| C11 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 251 |
| C12 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 35.3 |
| C13 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 51.6 |
| C14 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 300 |
| C15 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 21.0 |
| C16 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |
| C17 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 154 |
| C18 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 123 |
| C19 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 391 |
| C20 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 684 |
| C21 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 46.3 | 46.3 | 54.9 | 101.2 | 3,830 |
| C22 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 25.0 | 25.0 | <50 | <100 | 4,340 |
| C23 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,390 |
| C24 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,450 |
| C25 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 5,830 |
| C26 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 12,700 |
| C27 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,190 |
| C28 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 6,830 |
| C29 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,280 |
| C30 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 32.7 | 32.7 | <50 | <100 | 9,120 |
| C31 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 4,170 |
| C32 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,530 |
| C33 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 4,870 |
| C34 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 738 |
| C35 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,930 |
| C36 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,530 |
| C37 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 277 |
| C38 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,380 |
| C39 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,220 |
| C40 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 603 |
| C41 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,620 |
| C42 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 49.7 |
| C43 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 68.6 | 68.6 | <50 | <100 | 2,950 |
| C44 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,920 |
| C45 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,740 |
| C46 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 887 |
| C47 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 829 |
| C48 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,000 |

Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3 R Operating**
**Bandit State SWD #001**
**NMOCD Ref. #: nAB1921736522**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| | | | | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| C49 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,340 |
| C50 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 53.7 | 53.7 | <50 | <100 | 3,160 |
| C51 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 28.6 | 28.6 | <50 | <100 | 4,160 |
| C52 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,600 |
| C53 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,220 |
| C54 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 53.8 | 53.8 | <50 | <100 | 3,540 |
| C55 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,400 |
| C56 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 700 |
| C57 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,320 |
| C58 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 6,430 |
| C59 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 587 |
| C80 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 25.0 | 25.0 | <50 | <100 | 965 |
| C81 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 894 |
| C82 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 683 |
| C83 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 9,140 |
| C84 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | 46.2 | 46.2 | <50 | <100 | 10,200 |
| C85 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 12,200 |
| C86 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 8,260 |
| C87 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 14,600 |
| C88 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 6,480 |
| C89 | 7/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 7,830 |
| SP1 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 24.7 |
| SP2 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |
| SP3 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 26.9 |
| SP4 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 28.0 |
| SP5 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 316 |
| SP6 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 288 |
| SP7 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 135 |
| SP8 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 25.7 |
| SP9 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 864 |
| SP10 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 657 |
| SP11 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,180 |
| SP12 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,440 |
| SP13 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,050 |
| SP14 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,870 |
| SP15 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,000 |
| SP16 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 373 |
| SP17 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 802 |
| SP18 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 682 |
| SP19 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 105 |
| SP20 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 578 |

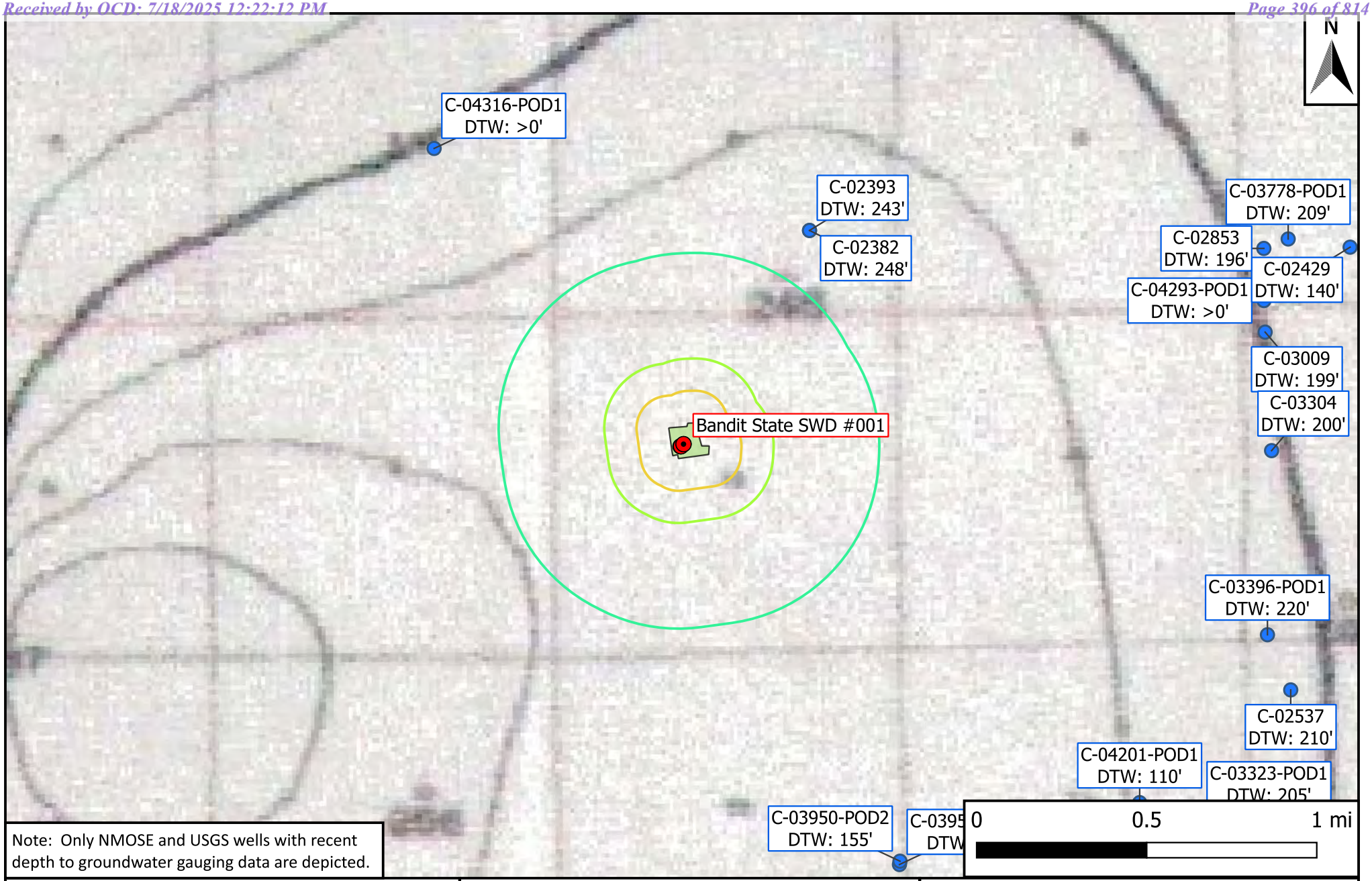
Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

**Table 1**
**Concentrations of BTEX, TPH, and Chloride in Soil**
**3 R Operating**
**Bandit State SWD #001**
**NMOCD Ref. #: nAB1921736522**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **NMOCD Closure Criteria** | | | | **10** | **50** | **-** | **-** | **1,000** | **-** | **2,500** | **20,000** |
| **NMOCD Reclamation Standard** | | | | **10** | **50** | **-** | **-** | **-** | **-** | **100** | **600** |
| **Sample ID** | **Date** | **Depth (Feet)** | **Soil Status** | **SW 846 8021B** | | **SW 846 8015M Ext.** | | | | | **4500 Cl** |
| | | | | **Benzene (mg/kg)** | **BTEX (mg/kg)** | **GRO $C_6$-$C_{10}$ (mg/kg)** | **DRO $C_{10}$-$C_{28}$ (mg/kg)** | **GRO + DRO $C_6$-$C_{28}$ (mg/kg)** | **ORO $C_{28}$-$C_{36}$ (mg/kg)** | **TPH $C_6$-$C_{36}$ (mg/kg)** | **Chloride (mg/kg)** |
| SP21 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 376 |
| SP22 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,340 |
| SP23 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 793 |
| SP24 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,080 |
| SP25 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 711 |
| SP26 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 902 |
| SP27 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,770 |
| SP28 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,900 |
| SP29 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,040 |
| SP30 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 260 |
| SP31 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,210 |
| SP32 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,470 |
| SP33 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,750 |
| SP34 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,530 |
| SP35 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 247 |
| SP36 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,360 |
| SP37 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,340 |
| SP38 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 325 |
| SP39 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 3,160 |
| SP40 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 2,770 |
| SP41 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,700 |
| SP42 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,900 |
| SP43 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,090 |
| SP44 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,360 |
| SP45 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 425 |
| SP46 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 820 |
| SP47 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 1,770 |
| SP48 | 8/22/2024 | 4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 475 |
| SP49 | 8/22/2024 | 4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 48.0 |
| SP50 | 8/22/2024 | 4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 46.5 |
| SP51 | 8/22/2024 | 4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 22.8 |
| SP52 | 8/22/2024 | 4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 21.8 |
| SP53 | 8/22/2024 | 4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 37.3 |
| SP54 | 8/22/2024 | 4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |
| SP55 | 8/22/2024 | 4 | Sidewall | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |
| SP56 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | 108 |
| SP57 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |
| SP58 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |
| SP59 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |
| SP60 | 8/22/2024 | 4 | In-Situ | <0.100 | <0.100 | <20 | <25 | <45 | <50 | <100 | <20 |

Dash (-): Sample not analyzed for that constituent.
**Bold:** NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

# Appendix A
# Depth to Groundwater Information




Note: Only NMOSE and USGS wells with recent depth to groundwater gauging data are depicted.

Legend

- Active Site Locations
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- Affected Area
- 500 ft.
- 1,000 ft.
- 0.5 mi.

**Figure 4**
Inferred Depth to Groundwater Map
3 R Operating
Bandit-Saragossa Projects
GPS: 32.32091, -104.28336
Eddy County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 2025-02-24

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

**Well Gauging**

Field Date: September, 20th 2023

POD # C2393

Probe Type: Interphase

Field Book: JAW_006_046

Field Note:

C2393 was gauged by AEA staff on September, 20th 2023 ground water was found to be 243ft from Top of casing (TOC) of the known water sources within ½-mile of the location, according to the NMOSE. Livestock and Domestic wells C2393 and C2382. C2393 was the only well capable of accepting an interface probe without the pump being pulled. The measurement was taken from the North most accessible lip of the casing

Submitted by:

Atkins Engineering Associates INC

J. Austin Weyant

Austin Weyant

# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Map |
|---|---|---|---|---|---|---|---|---|---|---|
| | C 02393 | | | SE | 03 | 23S | 26E | 568065.0 | 3577254.0 * | |

*** UTM location was derived from PLSS - see Help**

| | | | | | |
|---|---|---|---|---|---|
| **Driller License:** | 461 | **Driller Company:** | C & J DRILLING COMPANY | | |
| **Driller Name:** | HAMMOND, J.O. | | | | |
| **Drill Start Date:** | 1994-05-17 | **Drill Finish Date:** | 1994-05-27 | **Plug Date:** | |
| **Log File Date:** | 1994-06-07 | **PCW Rcv Date:** | | **Source:** | Shallow |
| **Pump Type:** | | **Pipe Discharge Size:** | | **Estimated Yield:** | 15 |
| **Casing Size:** | 7.00 | **Depth Well:** | 290 | **Depth Water:** | 245 |

## Water Bearing Stratifications:

| Top | Bottom | Description |
|---|---|---|
| 252 | 261 | Sandstone/Gravel/Conglomerate |

## Casing Perforations:

| Top | Bottom |
|---|---|
| 240 | 290 |

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Revised June 1972

# STATE ENGINEER OFFICE
# WELL RECORD

Trn
~~497275~~
465383

## Section 1. GENERAL INFORMATION

(A) Owner of well Bill & Beverly Gillock Owner's Well No. _____
Street or Post Office Address 159 Gillock RD.
City and State Carlsbad, N. M. 88220

'94 JUL 29 AM 10 16
STATE ENGINEER OFFICE
SANTA FE, NEW MEXICO

Well was drilled under Permit No. C-2393 and is located in the:

a. _____ ¼ _____ ¼ S½ ¼ SE ¼ of Section 3 Township ~~5~~ 23S Range 26E N.M.P.M.

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

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

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

(B) Drilling Contractor C & J Drilling License No. WD 461

Address Box 935 Artesia, N.M. 88210

Drilling Began 5-17-94 Completed 5-27-94 Type tools Cable Size of hole 11 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 290 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 245 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---|---|---|---|---|
| 252 | 261 | 9 | broken conglomerate | |
| | | | water bearing | 15 |
| | | | | |
| | | | | |

## Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet Top | Depth in Feet Bottom | Length (feet) | Type of Shoe | Perforations From | Perforations To |
|---|---|---|---|---|---|---|---|---|
| 7 | 23 | 8 | 0 | 290 | 291 | coller | 240 | 290 |
| | | | | | | | | |
| | | | | | | | | |

## Section 4. RECORD OF MUDDING AND CEMENTING

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

## Section 5. PLUGGING RECORD

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

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

## FOR USE OF STATE ENGINEER ONLY

Date Received 06-07-94 Quad _____ FWL _____ FSL _____

File No. C-2393 Use Domestic/Stock Location No. 23S.26E.3.43412

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Received by OCD: 7/18/2025 12:22:12 PM



| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 2 | 2 | top soil |
| 2 | 20 | 18 | clichie & gravel rock |
| 20 | 50 | 30 | large gravel |
| 50 | 60 | 10 | brown shale |
| 60 | 105 | 45 | large gravel |
| 105 | 135 | 30 | brown shale with gravel |
| 135 | 165 | 30 | conglomerated rock |
| 165 | 210 | 45 | brown shale, gravel rock |
| 210 | 235 | 25 | yellow & tan conglomerated rock |
| 235 | 240 | 5 | crevice, lost fluid |
| 240 | 252 | 12 | conglomerated yellow& brown rock |
| 252 | 261 | 9 | conglomerated rock, water bearing |
| 261 | 265 | 4 | brown & tan shale with rock |
| 265 | 275 | 10 | conglomerated rock- some shale, possible water |
| 275 | 290 | 15 | conglomerated rock & shale |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Section 7. REMARKS AND ADDITIONAL INFORMATION

gravel pack with 8 yds 1" gravel 40' from surface

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
'94 JUN 7 AM 11 06

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

J. O. Hammond
Driller

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

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# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | Map |
|---|---|---|---|---|---|---|---|---|---|---|
| | C 02382 | | | SE | 03 | 23S | 26E | 568065.0 | 3577254.0 * | |

*** UTM location was derived from PLSS - see Help**

| | | | | | |
|---|---|---|---|---|---|
| **Driller License:** | 461 | **Driller Company:** | C & J DRILLING COMPANY | | |
| **Driller Name:** | HAMMOND, MARK | | | | |
| **Drill Start Date:** | 1994-04-06 | **Drill Finish Date:** | 1994-04-16 | **Plug Date:** | |
| **Log File Date:** | 1995-04-28 | **PCW Rcv Date:** | | **Source:** | Shallow |
| **Pump Type:** | | **Pipe Discharge Size:** | | **Estimated Yield:** | 30 |
| **Casing Size:** | 7.00 | **Depth Well:** | 288 | **Depth Water:** | 248 |

## Water Bearing Stratifications:

| Top | Bottom | Description |
|---|---|---|
| 255 | 260 | Sandstone/Gravel/Conglomerate |

## Casing Perforations:

| Top | Bottom |
|---|---|
| 228 | 288 |

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Revised June 1972

STATE ENGINEER OFFICE

# WELL RECORD

Trn ~~194292~~ 465357

## Section 1. GENERAL INFORMATION

(A) Owner of well Bill Gillock Owner's Well No. 1

Street or Post Office Address 159 Gillock RD.

City and State Carlsbad N M 88220

'95 MAY 23 AM 10 39

STATE ENGINEER OFFICE
SANTA FE, NEW MEXICO

Well was drilled under Permit No. C-2382 and is located in the:

a. ____ ¼ ____ ¼ S½ ¼ SE ¼ of Section 3 Township ~~23~~ 23S Range ~~26~~ 26E N.M.P.M.

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in EDDY County.

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

(B) Drilling Contractor C & J Drilling License No. WD 461

Address Box 935 Artesia, NM 88210

Drilling Began 4-6-94 Completed 4-16-94 Type tools cable Size of hole 10 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 288 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 248 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---|---|---|---|---|
| 255 | 260 | 5 | Broken Conglomerate | 30 |
| | | | | |
| | | | | |
| | | | | |

## Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet Top | Depth in Feet Bottom | Length (feet) | Type of Shoe | Perforations From | Perforations To |
|---|---|---|---|---|---|---|---|---|
| 7 | 23 | 8 | 1 | 288 | 289 | collar | 228 | 288 |
| | | | | | | | | |
| | | | | | | | | |

## Section 4. RECORD OF MUDDING AND CEMENTING

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

## Section 5. PLUGGING RECORD

Plugging Contractor ____

Address ____

Plugging Method ____

Date Well Plugged ____

Plugging approved by:

____
State Engineer Representative

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

## FOR USE OF STATE ENGINEER ONLY

Date Received 04-28-95

Quad ____ FWL ____ FSL ____

File No. C-2382 Use Domestic/Stock Location No. 23S.26E.3.43243

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Received by OCD: 7/18/2025 12:22:12 PM


Section 6. LOG OF HOLE

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 1 | 1 | Top soil |
| 1 | 20 | 19 | clichie |
| 20 | 50 | 30 | gravel |
| 50 | 60 | 10 | brown shale |
| 60 | 105 | 45 | gravel |
| 105 | 135 | 30 | brown shale gravel |
| 135 | 165 | 30 | conglomerated rock |
| 165 | 209 | 44 | brown shale gravel |
| 209 | 230 | 21 | yellow & tan conglomerated rock |
| 230 | 232 | 2 | crevase |
| 232 | 246 | 14 | conglomerated rock |
| 246 | 255 | 9 | solid conglomerated rock |
| 255 | 260 | 5 | conglomerated rock (water) |
| 260 | 281 | 21 | shale and rock |
| 281 | 288 | 7 | conglomerated rock |

Section 7. REMARKS AND ADDITIONAL INFORMATION

Gravel Pack well

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO
'95 APR 28 AM 11 30

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

Driller

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

Released to Imaging: 7/21/2025 1:52:23 PM

# Appendix B
# Field Data and Soil Profile Logs

# Log

# DPT-1

**Page 1 of 1**

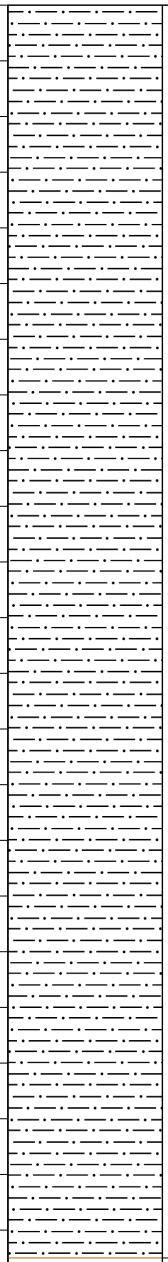
**Location:** Sandhills

**Purpose:** Soil Sample

**Project:** bandswd.env.23

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32083 |
| **Longitude** | -104.28337 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 4.5 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry ( plastic liner ) |
| 4 – 5 | | Rock | Refusal at depth |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-2

**Page 1 of 1**

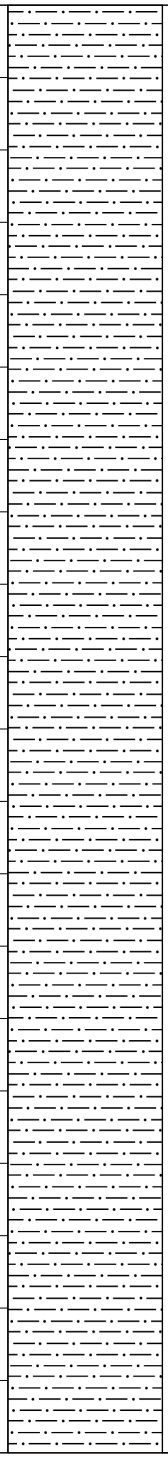
**Location:** Bandit 22

**Purpose:** Soil Sample

**Project:** bandswd.env.24

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32111 |
| **Longitude** | -104.28328 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 4 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry (plastic liner at surface) |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-3

**Page 1 of 1**

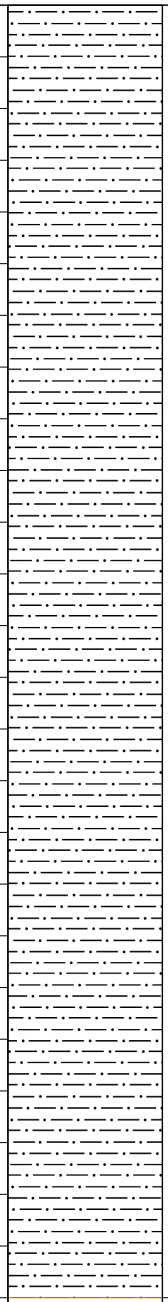
**Location:** Eddy Co., NM

**Purpose:** Soil Sample

**Project:** bandswd.env.25

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32105 |
| **Longitude** | -104.28303 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 5 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 5 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry |
| 5 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:Plugged boring using Hydrated bentonite

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-4

**Page 1 of 1**

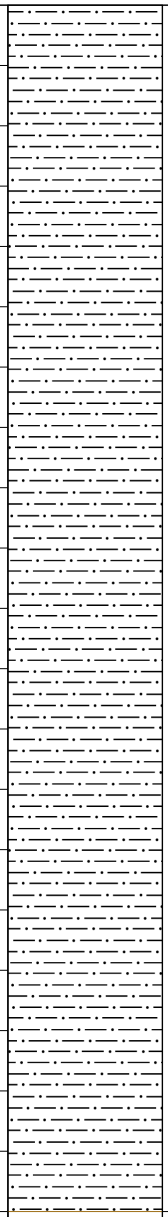
**Location:** Bandit 22

**Purpose:** Soil Sample

**Project:** bandswd.env.26

| | | | |
|---|---|---|---|
| **Completion Date** | 9/20/2024 | **Latitude** | 32.32096 |
| **Drilling Contractor** | Atkins Engineering Assoc. | **Longitude** | -104.28322 |
| **Drilling Method** | DPT | **Surface Elevation (ft)** | 3308 |
| **Boring Diameter** | 2.5" | **Total Depth (ft)** | 6 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |
| 4 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-5

**Page 1 of 1**

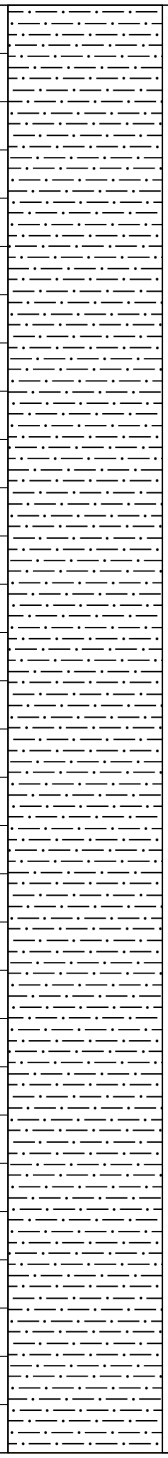
**Location:** Bandwidth

**Purpose:** Soil Sample

**Project:** bandswd.env.27

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32137 |
| **Longitude** | -104.28283 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 4 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 6 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-6

**Page 1 of 1**

**Location:** Section 22

**Purpose:** Soil Sample

**Project:** bandswd.env.28

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.3213 |
| **Longitude** | -104.28336 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 4.5 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 | | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |
| 4 – 5 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:Plugged boring using Hydrated bentonite

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

t at (2') 1.70 at (4')

81 at (2') 1.13

65 at (2')

5 at (2')

at (2')

t (4')

t (4')

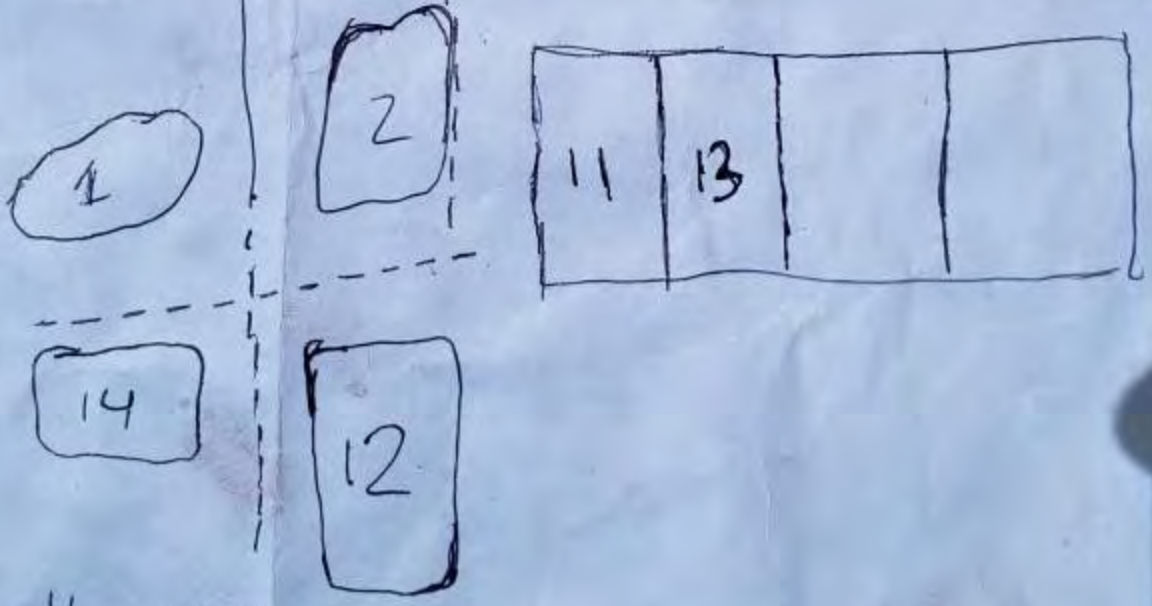
at (4')

at (4')

at (2')

at (2')

at (2')




16 - 7.35 at (4')

3R Bandit SWD

1. 0.37 at 2Ft, 1.39 at 2 Ft , 1.73 at 2Ft.
2. 1.47 at 2Ft , 1.70 at 4 Ft
3. 0.81 at 2 Ft , 1.13 at 2 Ft
4. 0.65 at 2 Ft ,
5. 1.25 at 2 Ft
6. 2.00 at 2 Ft
7. 3.55 at 4 Ft
8. 1.70 at 4 Ft
9. 5.31 at 4 Ft
10. 3.30 at 4 Ft
11. 1.70 at 2 Ft
12. 0.90 at 2 Ft , 1.11 at 2 Ft
13. 2.10 at 2 Ft
14. 0.85 at 2 Ft
15. 6.70 at 4 Ft
16. 7.35 at 4 Ft

# Appendix C
# Laboratory Analytical Reports

Report to:

Austin Weyant

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Atkins Engineering Associates Inc.

| | |
|---|---|
| Project Name: | BANDIT SWD 1 |
| Work Order: | E406108 |
| Job Number: | 20071-0001 |
| Received: | 6/12/2024 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/18/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/18/24

Austin Weyant
2904 W. 2nd
Roswell, NM 88201

Project Name: BANDIT SWD 1
Workorder: E406108
Date Received: 6/12/2024 9:00:00AM

Austin Weyant,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/12/2024 9:00:00AM, under the Project Name: BANDIT SWD 1.

The analytical test results summarized in this report with the Project Name: BANDIT SWD 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 06/18/24 11:55 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| DPT1-4' | E406108-01A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| DPT2-6' | E406108-02A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| DPT3-4' | E406108-03A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| DPT5-5' | E406108-04A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| DPT6-4' | E406108-05A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH1-4.5' | E406108-06A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH2-4.5' | E406108-07A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH3-4.5' | E406108-08A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH5-2' | E406108-09A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH5-3' | E406108-10A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH6-2' | E406108-11A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH6-3' | E406108-12A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH7-2' | E406108-13A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH7-3' | E406108-14A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH8-2' | E406108-15A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |
| BH8-3' | E406108-16A | Soil | 06/06/24 | 06/12/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**DPT1-4'**

**E406108-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/14/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.3 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.3 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *100 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *110 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **582** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**DPT2-6'**

**E406108-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/14/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.9 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.9 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | ND | 20.0 | 1 | 06/13/24 | 06/13/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**DPT3-4'**

**E406108-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/14/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.5 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.5 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *111 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **299** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**DPT5-5'**

**E406108-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/14/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | *98.5 %* | *70-130* | | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | *101 %* | *70-130* | | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | *101 %* | *70-130* | | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | *98.5 %* | *70-130* | | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | *101 %* | *70-130* | | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | *101 %* | *70-130* | | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | *113 %* | *50-200* | | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **606** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**DPT6-4'**

**E406108-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/14/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.2 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.3 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/14/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.2 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.3 %* | *70-130* | *06/12/24* | *06/14/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/14/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *108 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **4690** | 40.0 | 2 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH1-4.5'**

**E406108-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.3 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.3 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *117 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **2100** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH2-4.5'**

**E406108-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.2 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.2 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *114 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **38.9** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH3-4.5'**

**E406108-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.5 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.5 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **1040** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH5-2'**

**E406108-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.7 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.7 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *119 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **4860** | 40.0 | 2 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH5-3'**

**E406108-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.3 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.3 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *119 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **3580** | 40.0 | 2 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH6-2'**

**E406108-11**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.4 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.4 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *122 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **166** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH6-3'**

**E406108-12**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.9 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.9 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *123 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **45.4** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH7-2'**

**E406108-13**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.2 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.2 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *120 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **1190** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH7-3'**

**E406108-14**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.0 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.0 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *118 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **721** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH8-2'**

**E406108-15**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.0 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *99.9 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.0 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *99.9 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *117 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **1640** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

**BH8-3'**

**E406108-16**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Benzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| Toluene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| o-Xylene | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/12/24 | 06/15/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.6 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2424058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/12/24 | 06/15/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.6 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *06/12/24* | *06/15/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *06/12/24* | *06/15/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2424073 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/12/24 | 06/16/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/12/24 | 06/16/24 | |
| *Surrogate: n-Nonane* | | *120 %* | *50-200* | *06/12/24* | *06/16/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2424088 |
| Chloride | **1700** | 20.0 | 1 | 06/13/24 | 06/14/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

## Volatile Organic Compounds by EPA 8260B

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2424058-BLK1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/14/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.491* | | *0.500* | | *98.1* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.514* | | *0.500* | | *103* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.505* | | *0.500* | | *101* | *70-130* | | | |
| **LCS (2424058-BS1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/14/24 |
| Benzene | 2.36 | 0.0250 | 2.50 | | 94.5 | 70-130 | | | |
| Ethylbenzene | 2.46 | 0.0250 | 2.50 | | 98.2 | 70-130 | | | |
| Toluene | 2.34 | 0.0250 | 2.50 | | 93.7 | 70-130 | | | |
| o-Xylene | 2.48 | 0.0250 | 2.50 | | 99.4 | 70-130 | | | |
| p,m-Xylene | 4.89 | 0.0500 | 5.00 | | 97.8 | 70-130 | | | |
| Total Xylenes | 7.38 | 0.0250 | 7.50 | | 98.4 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.501* | | *0.500* | | *100* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.493* | | *0.500* | | *98.6* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.501* | | *0.500* | | *100* | *70-130* | | | |
| **Matrix Spike (2424058-MS1)** | | | | **Source: E406108-05** | | | | | Prepared: 06/12/24 Analyzed: 06/14/24 |
| Benzene | 2.35 | 0.0250 | 2.50 | ND | 94.0 | 48-131 | | | |
| Ethylbenzene | 2.47 | 0.0250 | 2.50 | ND | 99.0 | 45-135 | | | |
| Toluene | 2.36 | 0.0250 | 2.50 | ND | 94.3 | 48-130 | | | |
| o-Xylene | 2.48 | 0.0250 | 2.50 | ND | 99.1 | 43-135 | | | |
| p,m-Xylene | 4.85 | 0.0500 | 5.00 | ND | 97.0 | 43-135 | | | |
| Total Xylenes | 7.33 | 0.0250 | 7.50 | ND | 97.7 | 43-135 | | | |
| *Surrogate: Bromofluorobenzene* | *0.496* | | *0.500* | | *99.1* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.498* | | *0.500* | | *99.6* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.503* | | *0.500* | | *101* | *70-130* | | | |
| **Matrix Spike Dup (2424058-MSD1)** | | | | **Source: E406108-05** | | | | | Prepared: 06/12/24 Analyzed: 06/14/24 |
| Benzene | 2.41 | 0.0250 | 2.50 | ND | 96.4 | 48-131 | 2.48 | 23 | |
| Ethylbenzene | 2.57 | 0.0250 | 2.50 | ND | 103 | 45-135 | 3.79 | 27 | |
| Toluene | 2.45 | 0.0250 | 2.50 | ND | 97.8 | 48-130 | 3.71 | 24 | |
| o-Xylene | 2.59 | 0.0250 | 2.50 | ND | 104 | 43-135 | 4.56 | 27 | |
| p,m-Xylene | 5.06 | 0.0500 | 5.00 | ND | 101 | 43-135 | 4.24 | 27 | |
| Total Xylenes | 7.65 | 0.0250 | 7.50 | ND | 102 | 43-135 | 4.35 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.503* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.495* | | *0.500* | | *99.0* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.508* | | *0.500* | | *102* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2424058-BLK1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/14/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.491* | | *0.500* | | *98.1* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.514* | | *0.500* | | *103* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.505* | | *0.500* | | *101* | *70-130* | | | |
| **LCS (2424058-BS2)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/14/24 |
| Gasoline Range Organics (C6-C10) | 47.4 | 20.0 | 50.0 | | 94.7 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.495* | | *0.500* | | *98.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.496* | | *0.500* | | *99.1* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.506* | | *0.500* | | *101* | *70-130* | | | |
| **Matrix Spike (2424058-MS2)** | | | | **Source: E406108-05** | | | | | Prepared: 06/12/24 Analyzed: 06/14/24 |
| Gasoline Range Organics (C6-C10) | 47.7 | 20.0 | 50.0 | ND | 95.4 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.506* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.509* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.505* | | *0.500* | | *101* | *70-130* | | | |
| **Matrix Spike Dup (2424058-MSD2)** | | | | **Source: E406108-05** | | | | | Prepared: 06/12/24 Analyzed: 06/14/24 |
| Gasoline Range Organics (C6-C10) | 49.1 | 20.0 | 50.0 | ND | 98.2 | 70-130 | 2.90 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.507* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.502* | | *0.500* | | *100* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.502* | | *0.500* | | *100* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2424073-BLK1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/16/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *56.9* | | *50.0* | | *114* | *50-200* | | | |
| **LCS (2424073-BS1)** | | | | | | | | | Prepared: 06/12/24 Analyzed: 06/16/24 |
| Diesel Range Organics (C10-C28) | 296 | 25.0 | 250 | | 119 | 38-132 | | | |
| *Surrogate: n-Nonane* | *56.5* | | *50.0* | | *113* | *50-200* | | | |
| **Matrix Spike (2424073-MS1)** | | | | **Source: E406108-04** | | | | | Prepared: 06/12/24 Analyzed: 06/16/24 |
| Diesel Range Organics (C10-C28) | 290 | 25.0 | 250 | ND | 116 | 38-132 | | | |
| *Surrogate: n-Nonane* | *52.8* | | *50.0* | | *106* | *50-200* | | | |
| **Matrix Spike Dup (2424073-MSD1)** | | | | **Source: E406108-04** | | | | | Prepared: 06/12/24 Analyzed: 06/16/24 |
| Diesel Range Organics (C10-C28) | 295 | 25.0 | 250 | ND | 118 | 38-132 | 1.96 | 20 | |
| *Surrogate: n-Nonane* | *57.5* | | *50.0* | | *115* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 6/18/2024 11:55:47AM |

## Anions by EPA 300.0/9056A

Analyst: JM

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2424088-BLK1)** | | | | | | | | | Prepared: 06/13/24 Analyzed: 06/13/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2424088-BS1)** | | | | | | | | | Prepared: 06/13/24 Analyzed: 06/13/24 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | | | |
| **Matrix Spike (2424088-MS1)** | | | | **Source: E406108-02** | | | | | Prepared: 06/13/24 Analyzed: 06/13/24 |
| Chloride | 269 | 20.0 | 250 | ND | 108 | 80-120 | | | |
| **Matrix Spike Dup (2424088-MSD1)** | | | | **Source: E406108-02** | | | | | Prepared: 06/13/24 Analyzed: 06/14/24 |
| Chloride | 270 | 20.0 | 250 | ND | 108 | 80-120 | 0.155 | 20 | |

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Definitions and Notes

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | BANDIT SWD 1 | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 06/18/24 11:55 |

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 1 of 2

| | |
|---|---|
| Client: | ATKINS ENG |
| Project: | BRAVO 7 SWD 1 |
| Project Manager: | AUSTIN WEIMER |
| Address: | 2904 W 2ND |
| City, State, Zip | ROSWELL, NM |
| Phone: | |
| Email: | |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| E406108 | 20374-0001 |

**TAT**: 1D | 2D | 3D | Standard

**EPA Program**: CWA | SDWA | RCRA

**State**: NM | CO | UT | AZ | TX

**Analysis and Method**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6/6 | S | 1 | DPT1 - 4' | 1 | X | X | X | | | X | |
| | 6/6 | S | 1 | DPT2 - 6' | 2 | X | X | X | | | X | |
| | 6/6 | S | 1 | DPT3 - 4' | 3 | X | X | X | | | X | |
| | 6/6 | S | 1 | DPT5 - 5' | 4 | X | X | X | | | X | |
| | 6/6 | S | 1 | DPT6 - 4' | 5 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH1 - 4.5' | 6 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH2 - 4.5' | 7 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH3 - 4.5' | 8 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH5 - 2' | 9 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH5 - 3' | 10 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 6/6/24 | 11:23 | Michelle Gonzales | 6-11-24 | 1005 |
| Michelle Gonzales | 6-11-24 | 1645 | | 6.11.24 | 1700 |
| | 6.11.24 | 2330 | | 6/12/24 | 900 |

**Lab Use Only**

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Page 440 of 814

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 2 of 2

| | | | |
|---|---|---|---|
| Client: ATKINS ENG | Bill To | Lab Use Only | TAT / EPA Program |
| Project: BANDIT SWD 1 | Attention: | Lab WO# E4061108 | Job Number 20071-0001 |
| Project Manager: AUSTIN WEAVER | Address: | 1D 2D 3D Standard | CWA SDWA RCRA |
| Address: 2904 W 2ND | City, State, Zip | | |
| City, State, Zip ROSWELL, NM | Phone: | | |
| Phone: | Email: | | |
| Email: | | | |
| Report due by: | | | |

Analysis and Method: DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Metals 6010; Chloride 300.0

State: NM CO UT AZ TX

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO | GRO/DRO | BTEX | VOC | Metals | Chloride | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6/6 | S | 1 | BH6 -2' | 11 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH6 -3' | 12 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH7 -2' | 13 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH7 -3' | 14 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH8 -2' | 15 | X | X | X | | | X | |
| | 6/6 | S | 1 | BH8 -3' | 16 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 6/6/24 | 11:26 | Michelle Gonzales | 6-11-24 | 1005 |
| Michelle Gonzales | 6-11-24 | 1645 | | 6.11.24 | 1700 |
| | 6.11.24 | 2330 | | 6/12/24 | 900 |

Lab Use Only — Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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# Envirotech Analytical Laboratory

Printed: 6/12/2024 11:58:23AM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Atkins Engineering Associates Inc. | Date Received: | 06/12/24 09:00 | Work Order ID: | E406108 |
| Phone: | (575) 626-3993 | Date Logged In: | 06/11/24 16:27 | Logged In By: | Alexa Michaels |
| Email: | austin@atkinseng.com | Due Date: | 06/18/24 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Sample Turn Around Time (TAT)**

| | | |
|---|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes | |

**Sample Cooler**

| | | |
|---|---|---|
| 7. Was a sample cooler received? | Yes | |
| 8. If yes, was cooler received in good condition? | Yes | |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes | |
| 10. Were custody/security seals present? | No | |
| 11. If yes, were custody/security seals intact? | NA | |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes | |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | | |

**Sample Container**

| | | |
|---|---|---|
| 14. Are aqueous VOC samples present? | No | |
| 15. Are VOC samples collected in VOA Vials? | NA | |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA | |
| 17. Was a trip blank (TB) included for VOC analyses? | NA | |
| 18. Are non-VOC samples collected in the correct containers? | Yes | |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes | |

**Field Label**

| | | |
|---|---|---|
| 20. Were field sample labels filled out with the minimum information: | | |
| Sample ID? | Yes | |
| Date/Time Collected? | No | |
| Collectors name? | No | |

**Sample Preservation**

| | | |
|---|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No | |
| 22. Are sample(s) correctly preserved? | NA | |
| 24. Is lab filteration required and/or requested for dissolved metals? | No | |

**Multiphase Sample Matrix**

| | | |
|---|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No | |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA | |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Comments/Resolution**

Time sampled in not documented on the COC by client.

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Austin Weyant

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Atkins Engineering Associates Inc.

| | |
|---|---|
| Project Name: | Bandit SWD |
| Work Order: | E407184 |
| Job Number: | 20071-0001 |
| Received: | 7/24/2024 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/30/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/30/24

Austin Weyant
2904 W. 2nd
Roswell, NM 88201

Project Name: Bandit SWD
Workorder: E407184
Date Received: 7/24/2024 5:00:00AM

Austin Weyant,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2024 5:00:00AM, under the Project Name: Bandit SWD.

The analytical test results summarized in this report with the Project Name: Bandit SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
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Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 07/30/24 12:43 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SW1 | E407184-01A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW2 | E407184-02A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW3 | E407184-03A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW4 | E407184-04A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C1 | E407184-05A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C2 | E407184-06A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C3 | E407184-07A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C4 | E407184-08A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C5 | E407184-09A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C6 | E407184-10A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C7 | E407184-11A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C8 | E407184-12A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C9 | E407184-13A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C10 | E407184-14A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C11 | E407184-15A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C12 | E407184-16A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C13 | E407184-17A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C14 | E407184-18A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C15 | E407184-19A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C16 | E407184-20A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## SW1

**E407184-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *126 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **10500** | 200 | 10 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## SW2

**E407184-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.9 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.9 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *123 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **113** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## SW3

**E407184-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *125 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **187** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## SW4

**E407184-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.2 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.2 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *123 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **107** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C1

**E407184-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.0 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.3 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.0 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.3 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *126 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **1890** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

**C2**

**E407184-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *127 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **34.7** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

**C3**

**E407184-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *127 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **351** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C4

**E407184-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *95.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *95.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *118 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **371** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C5

**E407184-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.4 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.4 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *137 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **240** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C6

**E407184-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.3 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.3 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.3 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.3 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *127 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **846** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

**C7**

**E407184-11**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.9 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.8 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.9 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.8 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *125 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **63.2** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C8

**E407184-12**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *133 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **109** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

**C9**

**E407184-13**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.8 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *99.8 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *125 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **92.8** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C10

**E407184-14**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *97.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *128 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **321** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C11

## E407184-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.9 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.9 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *135 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **251** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C12

## E407184-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *95.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *95.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *140 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **35.3** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C13

## E407184-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.5 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.5 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *133 %* | *50-200* | *07/24/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **51.6** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C14

**E407184-18**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *100 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *100 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *134 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **300** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C15

**E407184-19**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.8 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *98.8 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *129 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | **21.0** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## C16

**E407184-20**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.7 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430064 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *96.7 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *103 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *105 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430088 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *133 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430081 |
| Chloride | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430064-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.499* | | *0.500* | | *99.7* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.490* | | *0.500* | | *97.9* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.526* | | *0.500* | | *105* | *70-130* | | | |
| **LCS (2430064-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | 2.34 | 0.0250 | 2.50 | | 93.7 | 70-130 | | | |
| Ethylbenzene | 2.43 | 0.0250 | 2.50 | | 97.3 | 70-130 | | | |
| Toluene | 2.44 | 0.0250 | 2.50 | | 97.7 | 70-130 | | | |
| o-Xylene | 2.32 | 0.0250 | 2.50 | | 92.9 | 70-130 | | | |
| p,m-Xylene | 4.69 | 0.0500 | 5.00 | | 93.8 | 70-130 | | | |
| Total Xylenes | 7.01 | 0.0250 | 7.50 | | 93.5 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.485* | | *0.500* | | *96.9* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.496* | | *0.500* | | *99.2* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.520* | | *0.500* | | *104* | *70-130* | | | |
| **Matrix Spike (2430064-MS1)** | | | | **Source: E407184-11** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | 2.42 | 0.0250 | 2.50 | ND | 96.9 | 48-131 | | | |
| Ethylbenzene | 2.46 | 0.0250 | 2.50 | ND | 98.5 | 45-135 | | | |
| Toluene | 2.47 | 0.0250 | 2.50 | ND | 98.9 | 48-130 | | | |
| o-Xylene | 2.40 | 0.0250 | 2.50 | ND | 95.9 | 43-135 | | | |
| p,m-Xylene | 4.85 | 0.0500 | 5.00 | ND | 96.9 | 43-135 | | | |
| Total Xylenes | 7.24 | 0.0250 | 7.50 | ND | 96.6 | 43-135 | | | |
| *Surrogate: Bromofluorobenzene* | *0.487* | | *0.500* | | *97.3* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.508* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.517* | | *0.500* | | *103* | *70-130* | | | |
| **Matrix Spike Dup (2430064-MSD1)** | | | | **Source: E407184-11** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | 2.44 | 0.0250 | 2.50 | ND | 97.6 | 48-131 | 0.720 | 23 | |
| Ethylbenzene | 2.49 | 0.0250 | 2.50 | ND | 99.5 | 45-135 | 1.01 | 27 | |
| Toluene | 2.50 | 0.0250 | 2.50 | ND | 100 | 48-130 | 1.19 | 24 | |
| o-Xylene | 2.45 | 0.0250 | 2.50 | ND | 98.2 | 43-135 | 2.35 | 27 | |
| p,m-Xylene | 4.95 | 0.0500 | 5.00 | ND | 99.0 | 43-135 | 2.09 | 27 | |
| Total Xylenes | 7.40 | 0.0250 | 7.50 | ND | 98.7 | 43-135 | 2.18 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.499* | | *0.500* | | *99.7* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.474* | | *0.500* | | *94.8* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.524* | | *0.500* | | *105* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430064-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.499* | | *0.500* | | *99.7* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.490* | | *0.500* | | *97.9* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.526* | | *0.500* | | *105* | *70-130* | | | |
| **LCS (2430064-BS2)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Gasoline Range Organics (C6-C10) | 50.9 | 20.0 | 50.0 | | 102 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.508* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.505* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.539* | | *0.500* | | *108* | *70-130* | | | |
| **Matrix Spike (2430064-MS2)** | | | | **Source: E407184-11** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Gasoline Range Organics (C6-C10) | 49.1 | 20.0 | 50.0 | ND | 98.2 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.510* | | *0.500* | | *102* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.490* | | *0.500* | | *97.9* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.527* | | *0.500* | | *105* | *70-130* | | | |
| **Matrix Spike Dup (2430064-MSD2)** | | | | **Source: E407184-11** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Gasoline Range Organics (C6-C10) | 51.9 | 20.0 | 50.0 | ND | 104 | 70-130 | 5.53 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.503* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.486* | | *0.500* | | *97.1* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.529* | | *0.500* | | *106* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430088-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *63.2* | | *50.0* | | *126* | *50-200* | | | |
| **LCS (2430088-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Diesel Range Organics (C10-C28) | 153 | 25.0 | 250 | | 61.2 | 38-132 | | | |
| *Surrogate: n-Nonane* | *63.7* | | *50.0* | | *127* | *50-200* | | | |
| **Matrix Spike (2430088-MS1)** | | | | **Source: E407184-05** | | | | | Prepared: 07/24/24 Analyzed: 07/29/24 |
| Diesel Range Organics (C10-C28) | 274 | 25.0 | 250 | ND | 109 | 38-132 | | | |
| *Surrogate: n-Nonane* | *55.8* | | *50.0* | | *112* | *50-200* | | | |
| **Matrix Spike Dup (2430088-MSD1)** | | | | **Source: E407184-05** | | | | | Prepared: 07/24/24 Analyzed: 07/29/24 |
| Diesel Range Organics (C10-C28) | 321 | 25.0 | 250 | ND | 128 | 38-132 | 16.0 | 20 | |
| *Surrogate: n-Nonane* | *58.7* | | *50.0* | | *117* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:43:17PM |

## Anions by EPA 300.0/9056A

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430081-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2430081-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 254 | 20.0 | 250 | | 102 | 90-110 | | | |
| **Matrix Spike (2430081-MS1)** | | | | **Source: E407184-12** | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 356 | 20.0 | 250 | 109 | 98.7 | 80-120 | | | |
| **Matrix Spike Dup (2430081-MSD1)** | | | | **Source: E407184-12** | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 365 | 20.0 | 250 | 109 | 102 | 80-120 | 2.44 | 20 | |

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Definitions and Notes

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 07/30/24 12:43 |

| | |
|---|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 1 of 9

| | |
|---|---|
| Client: | ATKINS ENG |
| Project: | BANDIT SWD |
| Project Manager: | AUSTIN WRIGHT |
| Address: | 2904 W 2ND |
| City, State, Zip | ROSWELL, NM |
| Phone: | 575 626 3993 |
| Email: | |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| E407184 | 20071.0001 |

**TAT**

| 1D | 2D | 3D | Standard |
|---|---|---|---|
| | | | X |

**EPA Program**

| CWA | SDWA | RCRA |
|---|---|---|
| | | |

**State**

| NM | CO | UT | AZ | TX | |
|---|---|---|---|---|---|
| | | | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9:38 | 7/22 | S | 1 2oz | SW1 | 1 | X | X | X | | | X | |
| 9:37 | | | | SW2 | 2 | X | X | X | | | X | |
| 9:34 | | | | SW3 | 3 | X | X | X | | | X | |
| 9:42 | | | | SW4 | 4 | X | X | X | | | X | |
| 9:40 | | | | C1 | 5 | X | X | X | | | X | |
| 9:39 | | | | C2 | 6 | X | X | X | | | X | |
| 9:37 | | | | C3 | 7 | X | X | X | | | X | |
| 9:43 | | | | C4 | 8 | X | X | X | | | X | |
| 9:47 | | | | C5 | 9 | X | X | X | | | X | |
| 10:21 | | | | C6 | 10 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7/23 | 0643 | Michelle Gonzales | 7-23-24 | 0915 |
| Michelle Gonzales | 7-23-24 | 1645 | | 7.23.24 | 1715 |
| | 7.23.24 | 2330 | Kaylyn R Hall | 7-24-24 | 0500 |

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 2 of 9

| | | |

# Envirotech Analytical Laboratory

Printed: 7/24/2024 9:24:56AM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Atkins Engineering Associates Inc. | Date Received: | 07/24/24 05:00 | Work Order ID: | E407184 |
| Phone: | (575) 626-3993 | Date Logged In: | 07/23/24 16:22 | Logged In By: | Noe Soto |
| Email: | austin@atkinseng.com | Due Date: | 07/30/24 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courrier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Sample Turn Around Time (TAT)**

| | | |
|---|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes | |

**Sample Cooler**

| | | |
|---|---|---|
| 7. Was a sample cooler received? | Yes | |
| 8. If yes, was cooler received in good condition? | Yes | |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes | |
| 10. Were custody/security seals present? | No | |
| 11. If yes, were custody/security seals intact? | NA | |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes | |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | | |

**Sample Container**

| | | |
|---|---|---|
| 14. Are aqueous VOC samples present? | No | |
| 15. Are VOC samples collected in VOA Vials? | NA | |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA | |
| 17. Was a trip blank (TB) included for VOC analyses? | NA | |
| 18. Are non-VOC samples collected in the correct containers? | Yes | |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes | |

**Field Label**

| | | |
|---|---|---|
| 20. Were field sample labels filled out with the minimum information: | | |
| Sample ID? | Yes | |
| Date/Time Collected? | Yes | |
| Collectors name? | No | |

**Sample Preservation**

| | | |
|---|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No | |
| 22. Are sample(s) correctly preserved? | NA | |
| 24. Is lab filteration required and/or requested for dissolved metals? | No | |

**Multiphase Sample Matrix**

| | | |
|---|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No | |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA | |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Comments/Resolution**

Bandit SWD has been separated into multiple WO due to high sample volume. WO are E407184-E407187. Sampled by name is missing in COC by client.

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Austin Weyant

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Atkins Engineering Associates Inc.

| | |
|---|---|
| Project Name: | Bandit SWD |
| Work Order: | E407185 |
| Job Number: | 20071-0001 |
| Received: | 7/24/2024 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/30/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/30/24

Austin Weyant
2904 W. 2nd
Roswell, NM 88201

Project Name: Bandit SWD
Workorder: E407185
Date Received: 7/24/2024 5:00:00AM

Austin Weyant,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2024 5:00:00AM, under the Project Name: Bandit SWD.

The analytical test results summarized in this report with the Project Name: Bandit SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
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rainaschwanz@envirotech-inc.com

Field Offices:

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

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|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 07/30/24 10:46 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| C17 | E407185-01A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C18 | E407185-02A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C19 | E407185-03A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C20 | E407185-04A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C21 | E407185-05A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C22 | E407185-06A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C23 | E407185-07A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C24 | E407185-08A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C25 | E407185-09A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C26 | E407185-10A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C27 | E407185-11A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C28 | E407185-12A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C29 | E407185-13A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C30 | E407185-14A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C31 | E407185-15A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C32 | E407185-16A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C33 | E407185-17A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C34 | E407185-18A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C35 | E407185-19A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C36 | E407185-20A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C17

**E407185-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.0 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.0 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *114 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **154** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C18

**E407185-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *112 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **123** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C19

**E407185-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *122 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **391** | 20.0 | 1 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C20

**E407185-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **684** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C21

**E407185-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | **46.3** | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | **54.9** | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *121 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **3830** | 40.0 | 2 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C22

**E407185-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *103 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *103 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.5 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | **25.0** | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *98.4 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **4340** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C23

**E407185-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.2 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.2 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *118 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **3390** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C24

**E407185-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *122 %* | *50-200* | *07/24/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **2450** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C25

**E407185-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *95.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *105 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *95.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *127 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **5830** | 100 | 5 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C26

**E407185-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *116 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **12700** | 200 | 10 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C27

**E407185-11**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *102 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *128 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **3190** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C28

**E407185-12**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.4 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.4 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *118 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **6830** | 100 | 5 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C29

## E407185-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.2 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *99.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.2 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *99.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *124 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **1280** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C30

**E407185-14**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: Bromofluorobenzene* | | *106 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | **32.7** | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *117 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **9120** | 200 | 10 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C31

**E407185-15**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *99.8 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *99.8 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *108 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **4170** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C32

## E407185-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.1 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.1 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *121 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **3530** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C33

## E407185-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.3 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.3 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *100 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *115 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **4870** | 100 | 5 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C34

**E407185-18**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *98.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *114 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **738** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C35

**E407185-19**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *104 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *97.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *110 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **3930** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## C36

**E407185-20**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *103 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.6 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *103 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *99.6 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/24/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/24/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *117 %* | *50-200* | *07/24/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430082 |
| Chloride | **1530** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## Volatile Organic Compounds by EPA 8260B

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430065-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.519* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.482* | | *0.500* | | *96.4* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.502* | | *0.500* | | *100* | *70-130* | | | |
| **LCS (2430065-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | 2.40 | 0.0250 | 2.50 | | 95.9 | 70-130 | | | |
| Ethylbenzene | 2.49 | 0.0250 | 2.50 | | 99.6 | 70-130 | | | |
| Toluene | 2.31 | 0.0250 | 2.50 | | 92.6 | 70-130 | | | |
| o-Xylene | 2.50 | 0.0250 | 2.50 | | 100 | 70-130 | | | |
| p,m-Xylene | 4.91 | 0.0500 | 5.00 | | 98.2 | 70-130 | | | |
| Total Xylenes | 7.41 | 0.0250 | 7.50 | | 98.8 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.527* | | *0.500* | | *105* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.488* | | *0.500* | | *97.5* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.507* | | *0.500* | | *101* | *70-130* | | | |
| **Matrix Spike (2430065-MS1)** | | | | **Source: E407185-09** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | 2.52 | 0.0250 | 2.50 | ND | 101 | 48-131 | | | |
| Ethylbenzene | 2.60 | 0.0250 | 2.50 | ND | 104 | 45-135 | | | |
| Toluene | 2.42 | 0.0250 | 2.50 | ND | 96.9 | 48-130 | | | |
| o-Xylene | 2.66 | 0.0250 | 2.50 | ND | 106 | 43-135 | | | |
| p,m-Xylene | 5.19 | 0.0500 | 5.00 | ND | 104 | 43-135 | | | |
| Total Xylenes | 7.85 | 0.0250 | 7.50 | ND | 105 | 43-135 | | | |
| *Surrogate: Bromofluorobenzene* | *0.536* | | *0.500* | | *107* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.489* | | *0.500* | | *97.8* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.503* | | *0.500* | | *101* | *70-130* | | | |
| **Matrix Spike Dup (2430065-MSD1)** | | | | **Source: E407185-09** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | 2.49 | 0.0250 | 2.50 | ND | 99.8 | 48-131 | 1.04 | 23 | |
| Ethylbenzene | 2.60 | 0.0250 | 2.50 | ND | 104 | 45-135 | 0.211 | 27 | |
| Toluene | 2.42 | 0.0250 | 2.50 | ND | 97.0 | 48-130 | 0.0825 | 24 | |
| o-Xylene | 2.66 | 0.0250 | 2.50 | ND | 106 | 43-135 | 0.150 | 27 | |
| p,m-Xylene | 5.17 | 0.0500 | 5.00 | ND | 103 | 43-135 | 0.299 | 27 | |
| Total Xylenes | 7.83 | 0.0250 | 7.50 | ND | 104 | 43-135 | 0.249 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.533* | | *0.500* | | *107* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.497* | | *0.500* | | *99.3* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.503* | | *0.500* | | *101* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430065-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.519* | | *0.500* | | *104* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.482* | | *0.500* | | *96.4* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.502* | | *0.500* | | *100* | *70-130* | | | |
| **LCS (2430065-BS2)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Gasoline Range Organics (C6-C10) | 45.1 | 20.0 | 50.0 | | 90.1 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.534* | | *0.500* | | *107* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.483* | | *0.500* | | *96.5* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.507* | | *0.500* | | *101* | *70-130* | | | |
| **Matrix Spike (2430065-MS2)** | | | | **Source: E407185-09** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Gasoline Range Organics (C6-C10) | 44.6 | 20.0 | 50.0 | ND | 89.2 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.539* | | *0.500* | | *108* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.503* | | *0.500* | | *101* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.509* | | *0.500* | | *102* | *70-130* | | | |
| **Matrix Spike Dup (2430065-MSD2)** | | | | **Source: E407185-09** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Gasoline Range Organics (C6-C10) | 47.4 | 20.0 | 50.0 | ND | 94.8 | 70-130 | 6.11 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.534* | | *0.500* | | *107* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.489* | | *0.500* | | *97.7* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.504* | | *0.500* | | *101* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430089-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *58.9* | | *50.0* | | *118* | *50-200* | | | |
| **LCS (2430089-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 254 | 25.0 | 250 | | 102 | 38-132 | | | |
| *Surrogate: n-Nonane* | *59.2* | | *50.0* | | *118* | *50-200* | | | |
| **Matrix Spike (2430089-MS1)** | | | | **Source: E407185-04** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 271 | 25.0 | 250 | ND | 109 | 38-132 | | | |
| *Surrogate: n-Nonane* | *62.2* | | *50.0* | | *124* | *50-200* | | | |
| **Matrix Spike Dup (2430089-MSD1)** | | | | **Source: E407185-04** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 252 | 25.0 | 250 | ND | 101 | 38-132 | 7.46 | 20 | |
| *Surrogate: n-Nonane* | *58.8* | | *50.0* | | *118* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 10:46:29AM |

## Anions by EPA 300.0/9056A

Analyst: WF

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430082-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2430082-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 251 | 20.0 | 250 | | 100 | 90-110 | | | |
| **Matrix Spike (2430082-MS1)** | | | | **Source: E407185-05** | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 4240 | 40.0 | 250 | 3830 | 162 | 80-120 | | | M4 |
| **Matrix Spike Dup (2430082-MSD1)** | | | | **Source: E407185-05** | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 4460 | 40.0 | 250 | 3830 | 249 | 80-120 | 4.98 | 20 | M4 |

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Definitions and Notes

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 07/30/24 10:46 |

| | |
|---|---|
| M4 | Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 3 of 9

| | | | |
|---|---|---|---|
| Client: ATKINS ENG | Bill To | Lab Use Only | TAT / EPA Program |
| Project: | Attention: | Lab WO# E407185 | Job Number 20071.0001 |
| Project Manager: | Address: | 1D 2D 3D Standard: X | CWA SDWA RCRA |
| Address: BANDIT SWD | City, State, Zip | Analysis and Method | State: NM CO UT AZ TX |
| City, State, Zip | Phone: | | |
| Phone: | Email: | | |
| Email: | | | |
| Report due by: | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10:05 | 7/22 | S | 1 3oz | C17 | 1 | X | X | X | | | X | |
| 10:04 | | | | C18 | 2 | X | X | X | | | X | |
| 10:04 | | | | C19 | 3 | X | X | X | | | X | |
| 10:04 | | | | C20 | 4 | X | X | X | | | X | |
| 10:35 | | | | C21 | 5 | X | X | X | | | X | |
| 10:33 | | | | C22 | 6 | X | X | X | | | X | |
| 11:10 | | | | C23 | 7 | X | X | X | | | X | |
| 10:39 | | | | C24 | 8 | X | X | X | | | X | |
| 10:43 | | | | C25 | 9 | X | X | X | | | X | |
| 10:4 | | | | C26 | 10 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| [signature] | 7/23 | 6:46 | Michelle Gonzales | 7.23.24 | 0915 |
| Michelle Gonzales | 7-23-24 | 1645 | [signature] | 7.23.24 | 1715 |
| [signature] | 7.23.24 | 2330 | Kaylyn R Hall | 7-24-24 | 0500 |

Lab Use Only: Received on ice: Y / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other ____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 4 of 9

| | |
|---|---|
| Client: | ATKINS ENG |
| Project: | BM NDCT SWD |
| Project Manager: | |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| E 407185 | 20071.0001 |

**TAT**

| 1D | 2D | 3D | Standard |
|---|---|---|---|
| | | | X |

**EPA Program**

| CWA | SDWA | RCRA |
|---|---|---|
| | | |

**State**

| NM | CO | UT | AZ | TX | |
|---|---|---|---|---|---|
| | | | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10:44 | 7/22 | S | 1 2oz | C27 | 11 | X | X | X | | | X | |
| 10:43 | | | | C28 | 12 | X | X | X | | | X | |
| 11:04 | | | | C29 | 13 | X | X | X | | | X | |
| 10:48 | | | | C30 | 14 | X | X | X | | | X | |
| 10:50 | | | | C31 | 15 | X | X | X | | | X | |
| 11:06 | | | | C32 | 16 | X | X | X | | | X | |
| 11:22 | | | | C33 | 17 | X | X | X | | | X | |
| 10:55 | | | | C34 | 18 | X | X | X | | | X | |
| 11:10 | | | | C35 | 19 | X | X | X | | | X | |
| 11:00 | | | | C36 | 20 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7/23 | 0940 | Michelle Gonzales | 7-23-24 | 0915 |
| Michelle Gonzales | 7-23-24 | 1645 | | 7.23.24 | 1715 |
| | 7.23.24 | 2330 | Kayla A Hall | 7-24-24 | 0500 |

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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# Envirotech Analytical Laboratory

Printed: 7/24/2024 9:22:11AM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Atkins Engineering Associates Inc. | Date Received: | 07/24/24 05:00 | Work Order ID: | E407185 |
| Phone: | (575) 626-3993 | Date Logged In: | 07/23/24 16:24 | Logged In By: | Noe Soto |
| Email: | austin@atkinseng.com | Due Date: | 07/30/24 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courrier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Sample Turn Around Time (TAT)**

| | | |
|---|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes | |

**Sample Cooler**

| | | |
|---|---|---|
| 7. Was a sample cooler received? | Yes | |
| 8. If yes, was cooler received in good condition? | Yes | |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes | |
| 10. Were custody/security seals present? | No | |
| 11. If yes, were custody/security seals intact? | NA | |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes | |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | | |

**Sample Container**

| | | |
|---|---|---|
| 14. Are aqueous VOC samples present? | No | |
| 15. Are VOC samples collected in VOA Vials? | NA | |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA | |
| 17. Was a trip blank (TB) included for VOC analyses? | NA | |
| 18. Are non-VOC samples collected in the correct containers? | Yes | |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes | |

**Field Label**

| | | |
|---|---|---|
| 20. Were field sample labels filled out with the minimum information: | | |
| Sample ID? | Yes | |
| Date/Time Collected? | Yes | |
| Collectors name? | No | |

**Sample Preservation**

| | | |
|---|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No | |
| 22. Are sample(s) correctly preserved? | NA | |
| 24. Is lab filteration required and/or requested for dissolved metals? | No | |

**Multiphase Sample Matrix**

| | | |
|---|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No | |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA | |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Comments/Resolution**

Bandit SWD has been separated into multiple WO due to high sample volume. WO are E407184-E407187. Sampled by name is missing in COC by client.

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Austin Weyant

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Atkins Engineering Associates Inc.

| | |
|---|---|
| Project Name: | Bandit SWD |
| Work Order: | E407186 |
| Job Number: | 20071-0001 |
| Received: | 7/24/2024 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/30/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/30/24

Austin Weyant
2904 W. 2nd
Roswell, NM 88201

Project Name: Bandit SWD
Workorder: E407186
Date Received: 7/24/2024 5:00:00AM

Austin Weyant,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2024 5:00:00AM, under the Project Name: Bandit SWD.

The analytical test results summarized in this report with the Project Name: Bandit SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 07/30/24 12:44 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| C37 | E407186-01A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C38 | E407186-02A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C39 | E407186-03A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C40 | E407186-04A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C41 | E407186-05A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C42 | E407186-06A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C43 | E407186-07A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C44 | E407186-08A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C45 | E407186-09A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C46 | E407186-10A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C47 | E407186-11A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C48 | E407186-12A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C49 | E407186-13A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C50 | E407186-14A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C51 | E407186-15A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C52 | E407186-16A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C53 | E407186-17A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C54 | E407186-18A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C55 | E407186-19A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C56 | E407186-20A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C37

**E407186-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.9 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *105 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **277** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C38

**E407186-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *107 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **1380** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C39

**E407186-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *103 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **2220** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C40

**E407186-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *107 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **603** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C41

**E407186-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.6 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *107 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **3620** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C42

**E407186-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.2 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *109 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **49.7** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C43

**E407186-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.0 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | **68.6** | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *113 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **2950** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C44

**E407186-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.1 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *99.3 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **1920** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C45

**E407186-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.7 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *107 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **2740** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C46

**E407186-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/25/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/25/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *94.9 %* | *70-130* | *07/24/24* | *07/25/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *106 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **887** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

**C47**

**E407186-11**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *93.5 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **829** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C48

**E407186-12**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *94.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *112 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **2000** | 40.0 | 2 | 07/24/24 | 07/24/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C49

**E407186-13**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.3 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *107 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **2340** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C50

**E407186-14**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: KM | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | **53.7** | 25.0 | 1 | 07/25/24 | 07/29/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/29/24 | |
| *Surrogate: n-Nonane* | | *112 %* | *50-200* | *07/25/24* | *07/29/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **3160** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C51

**E407186-15**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.6 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | **28.6** | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *110 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **4160** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C52

**E407186-16**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *109 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **3600** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C53

**E407186-17**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.5 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *93.1 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **1220** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C54

## E407186-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.3 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | **53.8** | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *94.2 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **3540** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C55

**E407186-19**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *102 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *92.6 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *93.3 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **2400** | 40.0 | 2 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## C56

**E407186-20**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2430076 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *93.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430101 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *86.2 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430090 |
| Chloride | **700** | 20.0 | 1 | 07/24/24 | 07/25/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## Volatile Organics by EPA 8021B

Analyst: CG

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430076-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.16* | | *8.00* | | *102* | *70-130* | | | |
| **LCS (2430076-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | 4.23 | 0.0250 | 5.00 | | 84.5 | 70-130 | | | |
| Ethylbenzene | 4.06 | 0.0250 | 5.00 | | 81.1 | 70-130 | | | |
| Toluene | 4.15 | 0.0250 | 5.00 | | 83.0 | 70-130 | | | |
| o-Xylene | 4.06 | 0.0250 | 5.00 | | 81.3 | 70-130 | | | |
| p,m-Xylene | 8.28 | 0.0500 | 10.0 | | 82.8 | 70-130 | | | |
| Total Xylenes | 12.3 | 0.0250 | 15.0 | | 82.3 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.15* | | *8.00* | | *102* | *70-130* | | | |
| **Matrix Spike (2430076-MS1)** | | | | **Source: E407186-04** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | 4.59 | 0.0250 | 5.00 | ND | 91.9 | 54-133 | | | |
| Ethylbenzene | 4.40 | 0.0250 | 5.00 | ND | 88.0 | 61-133 | | | |
| Toluene | 4.50 | 0.0250 | 5.00 | ND | 90.0 | 61-130 | | | |
| o-Xylene | 4.41 | 0.0250 | 5.00 | ND | 88.1 | 63-131 | | | |
| p,m-Xylene | 8.99 | 0.0500 | 10.0 | ND | 89.9 | 63-131 | | | |
| Total Xylenes | 13.4 | 0.0250 | 15.0 | ND | 89.3 | 63-131 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.05* | | *8.00* | | *101* | *70-130* | | | |
| **Matrix Spike Dup (2430076-MSD1)** | | | | **Source: E407186-04** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Benzene | 4.79 | 0.0250 | 5.00 | ND | 95.8 | 54-133 | 4.23 | 20 | |
| Ethylbenzene | 4.61 | 0.0250 | 5.00 | ND | 92.2 | 61-133 | 4.71 | 20 | |
| Toluene | 4.70 | 0.0250 | 5.00 | ND | 94.0 | 61-130 | 4.35 | 20 | |
| o-Xylene | 4.62 | 0.0250 | 5.00 | ND | 92.3 | 63-131 | 4.68 | 20 | |
| p,m-Xylene | 9.40 | 0.0500 | 10.0 | ND | 94.0 | 63-131 | 4.50 | 20 | |
| Total Xylenes | 14.0 | 0.0250 | 15.0 | ND | 93.4 | 63-131 | 4.56 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.09* | | *8.00* | | *101* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430076-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.48* | | *8.00* | | *93.5* | *70-130* | | | |
| **LCS (2430076-BS2)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/30/24 |
| Gasoline Range Organics (C6-C10) | 44.9 | 20.0 | 50.0 | | 89.9 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.67* | | *8.00* | | *95.9* | *70-130* | | | |
| **Matrix Spike (2430076-MS2)** | | | | **Source: E407186-04** | | | | | Prepared: 07/24/24 Analyzed: 07/30/24 |
| Gasoline Range Organics (C6-C10) | 47.3 | 20.0 | 50.0 | ND | 94.7 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.66* | | *8.00* | | *95.7* | *70-130* | | | |
| **Matrix Spike Dup (2430076-MSD2)** | | | | **Source: E407186-04** | | | | | Prepared: 07/24/24 Analyzed: 07/30/24 |
| Gasoline Range Organics (C6-C10) | 43.2 | 20.0 | 50.0 | ND | 86.4 | 70-130 | 9.08 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.62* | | *8.00* | | *95.3* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430101-BLK1)** | | | | | | | | | Prepared: 07/25/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *58.6* | | *50.0* | | *117* | *50-200* | | | |
| **LCS (2430101-BS1)** | | | | | | | | | Prepared: 07/25/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 225 | 25.0 | 250 | | 90.2 | 38-132 | | | |
| *Surrogate: n-Nonane* | *56.7* | | *50.0* | | *113* | *50-200* | | | |
| **Matrix Spike (2430101-MS1)** | | | | **Source: E407186-11** | | | | | Prepared: 07/25/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 240 | 25.0 | 250 | ND | 96.1 | 38-132 | | | |
| *Surrogate: n-Nonane* | *55.4* | | *50.0* | | *111* | *50-200* | | | |
| **Matrix Spike Dup (2430101-MSD1)** | | | | **Source: E407186-11** | | | | | Prepared: 07/25/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 237 | 25.0 | 250 | ND | 95.0 | 38-132 | 1.18 | 20 | |
| *Surrogate: n-Nonane* | *56.2* | | *50.0* | | *112* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 12:44:36PM |

## Anions by EPA 300.0/9056A

Analyst: JM

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430090-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2430090-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | | | |
| **Matrix Spike (2430090-MS1)** | | | | **Source: E407186-12** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Chloride | 2170 | 40.0 | 250 | 2000 | 68.3 | 80-120 | | | M4 |
| **Matrix Spike Dup (2430090-MSD1)** | | | | **Source: E407186-12** | | | | | Prepared: 07/24/24 Analyzed: 07/25/24 |
| Chloride | 2060 | 40.0 | 250 | 2000 | 24.8 | 80-120 | 5.14 | 20 | M4 |

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Definitions and Notes

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 07/30/24 12:44 |

| | |
|---|---|
| M4 | Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 5 of 9

| | | | |
|---|---|---|---|
| Client: ATKINS ENG | Bill To | Lab Use Only | TAT / EPA Program |
| Project: BANDIT SWD | Attention: | Lab WO# E407186 | Job Number 20071.0001 |
| Project Manager: | Address: | 1D 2D 3D Standard: X | CWA / SDWA / RCRA |
| Address: | City, State, Zip | | |
| City, State, Zip | Phone: | | |
| Phone: | Email: | | |
| Email: | | | |
| Report due by: | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11:22 | 7/22 | S | 1 2oz | C37 | 1 | X | X | X | | | X | |
| 11:19 | | | | C38 | 2 | X | X | X | | | X | |
| 1046 | | | | C39 | 3 | X | X | X | | | X | |
| 1122 | | | | C40 | 4 | X | X | X | | | X | |
| 11:19 | | | | C41 | 5 | X | X | X | | | X | |
| 11:20 | | | | C42 | 6 | X | X | X | | | X | |
| 11:10 | | | | C43 | 7 | X | X | X | | | X | |
| 11:19 | | | | C44 | 8 | X | X | X | | | X | |
| — | | | | C45 | 9 | X | X | X | | | X | |
| 1125 | | | | C46 | 10 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7/23 | 0949 | Michelle Gonzales | 7-23-24 | 0915 |
| Michelle Gonzales | 7-23-24 | 1645 | | 7.23.24 | 1715 |
| | 7.23.24 | 2330 | Kaylyn R Hess | 7-24-24 | 0500 |

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech



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Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 6 of 9

| | | | |
|---|---|---|---|
| Client: MICONS ENG | Bill To | Lab Use Only | TAT / EPA Program |
| Project: | Attention: | Lab WO# E407186 | Job Number 2007-0001 |
| Project Manager: BANDY SAD | Address: | 1D 2D 3D Standard: X | CWA / SDWA / RCRA |
| Address: | City, State, Zip | | State: NM CO UT AZ TX |
| City, State, Zip | Phone: | | |
| Phone: | Email: | | |
| Email: | | | |
| Report due by: | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11:15 | | | | C47 | 11 | X | X | X | | | X | |
| 11:12 | | | | C48 | 12 | X | X | X | | | X | |
| 11:13 | | | | C49 | 13 | X | X | X | | | X | |
| 11:13 | | | | C50 | 14 | X | X | X | | | X | |
| 11:13 | | | | C51 | 15 | X | X | X | | | X | |
| 11:14 | | | | C52 | 16 | X | X | X | | | X | |
| 11:11 | | | | C53 | 17 | X | X | X | | | X | |
| 11:11 | | | | C54 | 18 | X | X | X | | | X | |
| 11:09 | | | | C55 | 19 | X | X | X | | | X | |
| 11:08 | | | | C56 | 20 | X | X | X | | | X | |

**Additional Instructions:**

I (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| [signature] | 7/23 | 0950 | Michelle Gonzales | 7-23-24 | 0945 |
| Michelle Gonzales | 7-23-24 | 1645 | [signature] | 7.23.24 | 1715 |
| [signature] | 7.23.24 | 2330 | Kayla R Hall | 7-24-24 | 0500 |

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

# Envirotech Analytical Laboratory

Printed: 7/24/2024 9:15:11AM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Atkins Engineering Associates Inc. | Date Received: | 07/24/24 05:00 | Work Order ID: | E407186 |
| Phone: | (575) 626-3993 | Date Logged In: | 07/23/24 16:24 | Logged In By: | Noe Soto |
| Email: | austin@atkinseng.com | Due Date: | 07/30/24 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courrier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Sample Turn Around Time (TAT)**

| | | |
|---|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes | |

**Sample Cooler**

| | | |
|---|---|---|
| 7. Was a sample cooler received? | Yes | |
| 8. If yes, was cooler received in good condition? | Yes | |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes | |
| 10. Were custody/security seals present? | No | |
| 11. If yes, were custody/security seals intact? | NA | |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes | |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | | |

**Sample Container**

| | | |
|---|---|---|
| 14. Are aqueous VOC samples present? | No | |
| 15. Are VOC samples collected in VOA Vials? | NA | |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA | |
| 17. Was a trip blank (TB) included for VOC analyses? | NA | |
| 18. Are non-VOC samples collected in the correct containers? | Yes | |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes | |

**Field Label**

| | | |
|---|---|---|
| 20. Were field sample labels filled out with the minimum information: | | |
| Sample ID? | Yes | |
| Date/Time Collected? | Yes | |
| Collectors name? | No | |

**Sample Preservation**

| | | |
|---|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No | |
| 22. Are sample(s) correctly preserved? | NA | |
| 24. Is lab filteration required and/or requested for dissolved metals? | No | |

**Multiphase Sample Matrix**

| | | |
|---|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No | |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA | |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Comments/Resolution**

Bandit SWD has been separated into multiple WO due to high sample volume. WO are E407184-E407187. Sampled by name is missing in COC by client. Date sampled, matrix, and no. of containers is missing for samples 11 through 20.

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Austin Weyant

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Atkins Engineering Associates Inc.

| | |
|---|---|
| Project Name: | Bandit SWD |
| Work Order: | E407187 |
| Job Number: | 20071-0001 |
| Received: | 7/24/2024 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/30/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/30/24

Austin Weyant
2904 W. 2nd
Roswell, NM 88201

Project Name: Bandit SWD
Workorder: E407187
Date Received: 7/24/2024 5:00:00AM

Austin Weyant,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2024 5:00:00AM, under the Project Name: Bandit SWD.

The analytical test results summarized in this report with the Project Name: Bandit SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
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rainaschwanz@envirotech-inc.com

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Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 07/30/24 08:43 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| C57 | E407187-01A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C58 | E407187-02A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C59 | E407187-03A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW5 | E407187-04A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW6 | E407187-05A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW7 | E407187-06A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW8 | E407187-07A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW9 | E407187-08A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW10 | E407187-09A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW11 | E407187-10A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW12 | E407187-11A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW13 | E407187-12A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| SW14 | E407187-13A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| PIT 1 | E407187-14A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| PIT 2 | E407187-15A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| PIT 3 | E407187-16A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| PIT 4 | E407187-17A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C80 | E407187-18A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C81 | E407187-19A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C82 | E407187-20A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C83 | E407187-21A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C84 | E407187-22A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C85 | E407187-23A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C86 | E407187-24A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C87 | E407187-25A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C88 | E407187-26A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |
| C89 | E407187-27A | Soil | 07/22/24 | 07/24/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C57

**E407187-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.7 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *98.6 %* | *50-200* | *07/25/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **1320** | 20.0 | 1 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C58

**E407187-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.6 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *108 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *104 %* | *50-200* | *07/25/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **6430** | 100 | 5 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C59

**E407187-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *98.3 %* | *50-200* | *07/25/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **587** | 20.0 | 1 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## SW5

**E407187-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.9 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **25.0** | 25.0 | 1 | 07/25/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *102 %* | *50-200* | *07/25/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **13200** | 200 | 10 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## SW6

**E407187-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.9 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **29.9** | 25.0 | 1 | 07/25/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *99.9 %* | *50-200* | *07/25/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **18100** | 400 | 20 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## SW7

**E407187-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.7 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *105 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **76.7** | 25.0 | 1 | 07/25/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | **74.1** | 50.0 | 1 | 07/25/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *98.7 %* | *50-200* | *07/25/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **25200** | 1000 | 50 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## SW8

**E407187-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.8 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *105 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **210** | 50.0 | 2 | 07/25/24 | 07/25/24 | |
| Oil Range Organics (C28-C36) | **267** | 100 | 2 | 07/25/24 | 07/25/24 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/25/24* | *07/25/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **6020** | 100 | 5 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## SW9

**E407187-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *96.9 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *105 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **834** | 50.0 | 2 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | **301** | 100 | 2 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **11100** | 200 | 10 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## SW10

**E407187-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *96.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **39.9** | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *89.6 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **479** | 20.0 | 1 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

**SW11**

**E407187-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *96.5 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **52.2** | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | **68.1** | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *103 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **3320** | 40.0 | 2 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## SW12

**E407187-11**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *95.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *105 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **53.6** | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *102 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **5480** | 100 | 5 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

**SW13**

**E407187-12**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *94.9 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **148** | 50.0 | 2 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | **115** | 100 | 2 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *98.9 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **11000** | 200 | 10 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## SW14

**E407187-13**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *94.8 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *105 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *106 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **14600** | 400 | 20 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## PIT 1

**E407187-14**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *95.1 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *100 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **6560** | 200 | 10 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## PIT 2

**E407187-15**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *95.0 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **95.8** | 50.0 | 2 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 100 | 2 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *97.9 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **17400** | 400 | 20 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## PIT 3

**E407187-16**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *94.9 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **43.6** | 20.0 | 1 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## PIT 4

**E407187-17**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *94.7 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *98.3 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **22.2** | 20.0 | 1 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C80

**E407187-18**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *94.3 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *105 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | **25.0** | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *93.2 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **965** | 20.0 | 1 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C81

**E407187-19**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *95.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *99.6 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **894** | 20.0 | 1 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C82

**E407187-20**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *95.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2430077 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *106 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430102 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *104 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: WF | | | Batch: 2430110 |
| Chloride | **683** | 20.0 | 1 | 07/25/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

**C83**

**E407187-21**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *118 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *92.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *109 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *118 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *92.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *109 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430104 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *101 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430053 |
| Chloride | **9140** | 200 | 10 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C84

**E407187-22**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *112 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *92.3 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *112 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *92.3 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430104 |
| Diesel Range Organics (C10-C28) | **46.2** | 25.0 | 1 | 07/25/24 | 07/27/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/27/24 | |
| *Surrogate: n-Nonane* | | *104 %* | *50-200* | *07/25/24* | *07/27/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430053 |
| Chloride | **10200** | 200 | 10 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C85

**E407187-23**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *114 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *92.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *109 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *114 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *92.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *109 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430104 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *82.9 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430053 |
| Chloride | **12200** | 400 | 20 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C86

**E407187-24**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *115 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *91.5 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *115 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *91.5 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430104 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *95.8 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430053 |
| Chloride | **8260** | 200 | 10 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C87

**E407187-25**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *115 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *93.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *115 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *93.2 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430104 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *88.7 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430053 |
| Chloride | **14600** | 400 | 20 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C88

**E407187-26**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *114 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *93.9 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *108 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *114 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *93.9 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *108 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430104 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *99.5 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430053 |
| Chloride | **6480** | 200 | 10 | 07/24/24 | 07/25/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## C89

**E407187-27**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organic Compounds by EPA 8260B** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Benzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| Toluene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| o-Xylene | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 07/24/24 | 07/26/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *114 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *91.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2430078 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 07/24/24 | 07/26/24 | |
| *Surrogate: Bromofluorobenzene* | | *114 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: 1,2-Dichloroethane-d4* | | *91.4 %* | *70-130* | *07/24/24* | *07/26/24* | |
| *Surrogate: Toluene-d8* | | *107 %* | *70-130* | *07/24/24* | *07/26/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2430104 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 07/25/24 | 07/26/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 07/25/24 | 07/26/24 | |
| *Surrogate: n-Nonane* | | *87.4 %* | *50-200* | *07/25/24* | *07/26/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: JM | | | Batch: 2430053 |
| Chloride | **7830** | 200 | 10 | 07/24/24 | 07/25/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430078-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.571* | | *0.500* | | *114* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.452* | | *0.500* | | *90.3* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.540* | | *0.500* | | *108* | *70-130* | | | |
| **LCS (2430078-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | 2.20 | 0.0250 | 2.50 | | 88.2 | 70-130 | | | |
| Ethylbenzene | 2.36 | 0.0250 | 2.50 | | 94.5 | 70-130 | | | |
| Toluene | 2.40 | 0.0250 | 2.50 | | 95.9 | 70-130 | | | |
| o-Xylene | 2.63 | 0.0250 | 2.50 | | 105 | 70-130 | | | |
| p,m-Xylene | 5.20 | 0.0500 | 5.00 | | 104 | 70-130 | | | |
| Total Xylenes | 7.83 | 0.0250 | 7.50 | | 104 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.575* | | *0.500* | | *115* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.486* | | *0.500* | | *97.1* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.535* | | *0.500* | | *107* | *70-130* | | | |
| **Matrix Spike (2430078-MS1)** | | | | **Source: E407187-25** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | 2.30 | 0.0250 | 2.50 | ND | 92.1 | 48-131 | | | |
| Ethylbenzene | 2.48 | 0.0250 | 2.50 | ND | 99.3 | 45-135 | | | |
| Toluene | 2.51 | 0.0250 | 2.50 | ND | 100 | 48-130 | | | |
| o-Xylene | 2.71 | 0.0250 | 2.50 | ND | 108 | 43-135 | | | |
| p,m-Xylene | 5.34 | 0.0500 | 5.00 | ND | 107 | 43-135 | | | |
| Total Xylenes | 8.05 | 0.0250 | 7.50 | ND | 107 | 43-135 | | | |
| *Surrogate: Bromofluorobenzene* | *0.577* | | *0.500* | | *115* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.488* | | *0.500* | | *97.5* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.534* | | *0.500* | | *107* | *70-130* | | | |
| **Matrix Spike Dup (2430078-MSD1)** | | | | **Source: E407187-25** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | 2.29 | 0.0250 | 2.50 | ND | 91.5 | 48-131 | 0.653 | 23 | |
| Ethylbenzene | 2.46 | 0.0250 | 2.50 | ND | 98.3 | 45-135 | 1.01 | 27 | |
| Toluene | 2.47 | 0.0250 | 2.50 | ND | 98.8 | 48-130 | 1.55 | 24 | |
| o-Xylene | 2.73 | 0.0250 | 2.50 | ND | 109 | 43-135 | 0.718 | 27 | |
| p,m-Xylene | 5.44 | 0.0500 | 5.00 | ND | 109 | 43-135 | 1.89 | 27 | |
| Total Xylenes | 8.17 | 0.0250 | 7.50 | ND | 109 | 43-135 | 1.50 | 27 | |
| *Surrogate: Bromofluorobenzene* | *0.573* | | *0.500* | | *115* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.469* | | *0.500* | | *93.8* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.529* | | *0.500* | | *106* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## Volatile Organics by EPA 8021B

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430077-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.61* | | *8.00* | | *95.2* | *70-130* | | | |
| **LCS (2430077-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | 4.94 | 0.0250 | 5.00 | | 98.8 | 70-130 | | | |
| Ethylbenzene | 4.63 | 0.0250 | 5.00 | | 92.5 | 70-130 | | | |
| Toluene | 4.86 | 0.0250 | 5.00 | | 97.2 | 70-130 | | | |
| o-Xylene | 4.73 | 0.0250 | 5.00 | | 94.5 | 70-130 | | | |
| p,m-Xylene | 9.52 | 0.0500 | 10.0 | | 95.2 | 70-130 | | | |
| Total Xylenes | 14.3 | 0.0250 | 15.0 | | 95.0 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.69* | | *8.00* | | *96.1* | *70-130* | | | |
| **Matrix Spike (2430077-MS1)** | | | | **Source: E407187-09** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | 5.22 | 0.0250 | 5.00 | ND | 104 | 54-133 | | | |
| Ethylbenzene | 4.89 | 0.0250 | 5.00 | ND | 97.8 | 61-133 | | | |
| Toluene | 5.14 | 0.0250 | 5.00 | ND | 103 | 61-130 | | | |
| o-Xylene | 5.00 | 0.0250 | 5.00 | ND | 99.9 | 63-131 | | | |
| p,m-Xylene | 10.1 | 0.0500 | 10.0 | ND | 101 | 63-131 | | | |
| Total Xylenes | 15.1 | 0.0250 | 15.0 | ND | 100 | 63-131 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.71* | | *8.00* | | *96.3* | *70-130* | | | |
| **Matrix Spike Dup (2430077-MSD1)** | | | | **Source: E407187-09** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Benzene | 5.18 | 0.0250 | 5.00 | ND | 104 | 54-133 | 0.874 | 20 | |
| Ethylbenzene | 4.85 | 0.0250 | 5.00 | ND | 97.0 | 61-133 | 0.828 | 20 | |
| Toluene | 5.10 | 0.0250 | 5.00 | ND | 102 | 61-130 | 0.770 | 20 | |
| o-Xylene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 63-131 | 0.731 | 20 | |
| p,m-Xylene | 9.99 | 0.0500 | 10.0 | ND | 99.9 | 63-131 | 0.778 | 20 | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | ND | 99.7 | 63-131 | 0.762 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.71* | | *8.00* | | *96.4* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430077-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *8.42* | | *8.00* | | *105* | *70-130* | | | |
| **LCS (2430077-BS2)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | 46.2 | 20.0 | 50.0 | | 92.3 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *8.58* | | *8.00* | | *107* | *70-130* | | | |
| **Matrix Spike (2430077-MS2)** | | | | **Source: E407187-09** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | 47.8 | 20.0 | 50.0 | ND | 95.6 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *8.54* | | *8.00* | | *107* | *70-130* | | | |
| **Matrix Spike Dup (2430077-MSD2)** | | | | **Source: E407187-09** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | 47.3 | 20.0 | 50.0 | ND | 94.5 | 70-130 | 1.14 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *8.45* | | *8.00* | | *106* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430078-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: Bromofluorobenzene* | *0.571* | | *0.500* | | *114* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.452* | | *0.500* | | *90.3* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.540* | | *0.500* | | *108* | *70-130* | | | |
| **LCS (2430078-BS2)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | 54.4 | 20.0 | 50.0 | | 109 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.576* | | *0.500* | | *115* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.468* | | *0.500* | | *93.6* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.548* | | *0.500* | | *110* | *70-130* | | | |
| **Matrix Spike (2430078-MS2)** | | | | **Source: E407187-25** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | 52.1 | 20.0 | 50.0 | ND | 104 | 70-130 | | | |
| *Surrogate: Bromofluorobenzene* | *0.574* | | *0.500* | | *115* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.474* | | *0.500* | | *94.7* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.546* | | *0.500* | | *109* | *70-130* | | | |
| **Matrix Spike Dup (2430078-MSD2)** | | | | **Source: E407187-25** | | | | | Prepared: 07/24/24 Analyzed: 07/26/24 |
| Gasoline Range Organics (C6-C10) | 51.6 | 20.0 | 50.0 | ND | 103 | 70-130 | 0.978 | 20 | |
| *Surrogate: Bromofluorobenzene* | *0.563* | | *0.500* | | *113* | *70-130* | | | |
| *Surrogate: 1,2-Dichloroethane-d4* | *0.486* | | *0.500* | | *97.2* | *70-130* | | | |
| *Surrogate: Toluene-d8* | *0.538* | | *0.500* | | *108* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430102-BLK1)** | | | | | | | | | Prepared: 07/25/24 Analyzed: 07/25/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *53.0* | | *50.0* | | *106* | *50-200* | | | |
| **LCS (2430102-BS1)** | | | | | | | | | Prepared: 07/25/24 Analyzed: 07/25/24 |
| Diesel Range Organics (C10-C28) | 247 | 25.0 | 250 | | 98.9 | 38-132 | | | |
| *Surrogate: n-Nonane* | *53.1* | | *50.0* | | *106* | *50-200* | | | |
| **Matrix Spike (2430102-MS1)** | | | | **Source: E407187-10** | | | | | Prepared: 07/25/24 Analyzed: 07/25/24 |
| Diesel Range Organics (C10-C28) | 280 | 25.0 | 250 | 52.2 | 91.2 | 38-132 | | | |
| *Surrogate: n-Nonane* | *54.8* | | *50.0* | | *110* | *50-200* | | | |
| **Matrix Spike Dup (2430102-MSD1)** | | | | **Source: E407187-10** | | | | | Prepared: 07/25/24 Analyzed: 07/25/24 |
| Diesel Range Organics (C10-C28) | 283 | 25.0 | 250 | 52.2 | 92.4 | 38-132 | 1.04 | 20 | |
| *Surrogate: n-Nonane* | *56.3* | | *50.0* | | *113* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430104-BLK1)** | | | | | | | | | Prepared: 07/25/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *54.1* | | *50.0* | | *108* | *50-200* | | | |
| **LCS (2430104-BS1)** | | | | | | | | | Prepared: 07/25/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 237 | 25.0 | 250 | | 94.8 | 38-132 | | | |
| *Surrogate: n-Nonane* | *52.2* | | *50.0* | | *104* | *50-200* | | | |
| **Matrix Spike (2430104-MS1)** | | | | **Source: E407187-24** | | | | | Prepared: 07/25/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 236 | 25.0 | 250 | ND | 94.4 | 38-132 | | | |
| *Surrogate: n-Nonane* | *49.8* | | *50.0* | | *99.5* | *50-200* | | | |
| **Matrix Spike Dup (2430104-MSD1)** | | | | **Source: E407187-24** | | | | | Prepared: 07/25/24 Analyzed: 07/26/24 |
| Diesel Range Organics (C10-C28) | 227 | 25.0 | 250 | ND | 90.7 | 38-132 | 4.08 | 20 | |
| *Surrogate: n-Nonane* | *51.7* | | *50.0* | | *103* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## Anions by EPA 300.0/9056A

Analyst: JM

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430053-BLK1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2430053-BS1)** | | | | | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | | | |
| **Matrix Spike (2430053-MS1)** | | | | **Source: E407176-05** | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 271 | 20.0 | 250 | ND | 109 | 80-120 | | | |
| **Matrix Spike Dup (2430053-MSD1)** | | | | **Source: E407176-05** | | | | | Prepared: 07/24/24 Analyzed: 07/24/24 |
| Chloride | 273 | 20.0 | 250 | ND | 109 | 80-120 | 0.541 | 20 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 7/30/2024 8:43:57AM |

## Anions by EPA 300.0/9056A

Analyst: WF

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2430110-BLK1)** | | | | | | | | | Prepared: 07/25/24 Analyzed: 07/25/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2430110-BS1)** | | | | | | | | | Prepared: 07/25/24 Analyzed: 07/25/24 |
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
| **Matrix Spike (2430110-MS1)** | | | | **Source: E407187-04** | | | | | Prepared: 07/25/24 Analyzed: 07/25/24 |
| Chloride | 14100 | 200 | 250 | 13200 | 376 | 80-120 | | | M4 |
| **Matrix Spike Dup (2430110-MSD1)** | | | | **Source: E407187-04** | | | | | Prepared: 07/25/24 Analyzed: 07/25/24 |
| Chloride | 12200 | 200 | 250 | 13200 | NR | 80-120 | 15.0 | 20 | M4 |

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Definitions and Notes

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 07/30/24 08:43 |

| | |
|---|---|
| M4 | Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 7 of 9

| | | | |
|---|---|---|---|
| Client: ATKINS ENG | Bill To | Lab Use Only | TAT / EPA Program |
| Project: BADGER 5WD | Attention: | Lab WO# E407187 | Job Number 20071.0001 |
| Project Manager: | Address: | 1D 2D 3D Standard: X | CWA / SDWA / RCRA |
| Address: | City, State, Zip | | State: NM CO UT AZ TX |
| City, State, Zip | Phone: | | |
| Phone: | Email: | | |
| Email: | | | |
| Report due by: | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11:03 | 7/22 | S | 1 | C57 | 1 | X | X | X | | | X | |
| 11:05 | | | | C58 | 2 | X | X | X | | | X | |
| 11:02 | | | | C59 | 3 | X | X | X | | | X | |
| 10:38 | | | | SW5 | 4 | X | X | X | | | X | |
| 10:32 | | | | SW6 | 5 | X | X | X | | | X | |
| 10:35 | | | | SW7 | 6 | X | X | X | | | X | |
| 11:27 | | | | SW8 | 7 | X | X | X | | | X | |
| 11:17 | | | | SW9 | 8 | X | X | X | | | X | |
| 11:14 | | | | SW10 | 9 | X | X | X | | | X | |
| 11:21 | | | | SW11 | 10 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7/23 | 0851 | Michelle Gonzales | 7-23-24 | 0915 |
| Michelle Gonzales | 7-23-24 | 1645 | | 7.23.24 | 1715 |
| | 7.23.24 | 2330 | Khyph R Hall | 7-24-24 | 0500 |

Lab Use Only — Received on ice: (Y) / N — T1 ____ T2 ____ T3 ____ — AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other ____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 8 of 9

| | |
|---|---|
| Client: | ARCHER |
| Project: | BANDIT SWD |
| Project Manager: | |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | |
| Report due by: | |

**Bill To**

| | |
|---|---|
| Attention: | |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | |

**Lab Use Only**

Lab WO# E407187 | Job Number 20071:0001

| TAT | | | | EPA Program | |
|---|---|---|---|---|---|
| 1D | 2D | 3D | Standard | CWA | SDWA |
| | | | X | | |
| | | | | | RCRA |
| | | | | | |

State: NM | CO | UT | AZ | TX

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11:24 | 7/22 | S | 1 2oz | SW12 | 11 | X | X | X | | | X | |
| 13:23 | | | | SW13 | 12 | X | X | X | | | X | |
| 13:31 | | | | SW14 | 13 | X | X | X | | | X | |
| 13:32 | | | | PT1 | 14 | X | X | X | | | X | |
| 13:34 | | | | PT2 | 15 | X | X | X | | | X | |
| / | | | | PT3 | 16 | X | X | X | | | X | |
| / | | | | PT4 | 17 | X | X | X | | | X | |
| 13:23 | | | | C80 | 18 | X | X | X | | | X | |
| 13:24 | | | | C81 | 19 | X | X | X | | | X | |
| 13:25 | | | | C82 | 20 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7/23 | 0:55 | Michelle Gonzales | 7-23 24 | 0915 |
| Michelle Gonzales | 7-23-24 | 1645 | | 7.23.24 | 1715 |
| | 7.23.24 | 2330 | | 7-24-24 | 0500 |

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

Project Information | Chain of Custody | Page 9 of 9

| | | | |
|---|---|---|---|
| Client: Atkins Eng | Bill To | Lab Use Only | TAT / EPA Program |
| Project: Baudet SWD | Attention: | Lab WO# E407187 | Job Number 20071-0001 |
| Project Manager: | Address: | 1D 2D 3D Standard: X | CWA / SDWA / RCRA |
| Address: | City, State, Zip | Analysis and Method | State: NM CO UT AZ TX |
| City, State, Zip | Phone: | | |
| Phone: | Email: | | |
| Email: | | | |
| Report due by: | | | |

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13:15 | 7/22 | S | 1 2oz | C83 | 21 | X | X | X | | | X | |
| 13:25 | | | | C84 | 22 | X | X | X | | | X | |
| 13:28 | | | | C85 | 23 | X | X | X | | | X | |
| 13:27 | | | | C86 | 24 | X | X | X | | | X | |
| 13:24 | | | | C87 | 25 | X | X | X | | | X | |
| 13:28 | | | | C88 | 26 | X | X | X | | | X | |
| 13:30 | | | | C89 | 27 | X | X | X | | | X | |

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 7/23 | 0730 | Michelle Gonzales | 7.23.24 | 0915 |
| Michelle Gonzales | 7-23-24 | 1645 | | 7.23.24 | 1715 |
| | 7.23.24 | 2330 | Kayla L Hall | 7-24-24 | 0502 |

Lab Use Only: Received on ice: Y / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other ____

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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# Envirotech Analytical Laboratory

Printed: 7/24/2024 9:06:59AM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Atkins Engineering Associates Inc. | Date Received: | 07/24/24 05:00 | Work Order ID: | E407187 |
| Phone: | (575) 626-3993 | Date Logged In: | 07/23/24 16:26 | Logged In By: | Noe Soto |
| Email: | austin@atkinseng.com | Due Date: | 07/30/24 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courrier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | Yes | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Sample Turn Around Time (TAT)**

| | | |
|---|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes | |

**Sample Cooler**

| | | |
|---|---|---|
| 7. Was a sample cooler received? | Yes | |
| 8. If yes, was cooler received in good condition? | Yes | |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes | |
| 10. Were custody/security seals present? | No | |
| 11. If yes, were custody/security seals intact? | NA | |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes | |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | | |

**Sample Container**

| | | |
|---|---|---|
| 14. Are aqueous VOC samples present? | No | |
| 15. Are VOC samples collected in VOA Vials? | NA | |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA | |
| 17. Was a trip blank (TB) included for VOC analyses? | NA | |
| 18. Are non-VOC samples collected in the correct containers? | Yes | |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes | |

**Field Label**

| | | |
|---|---|---|
| 20. Were field sample labels filled out with the minimum information: | | |
| Sample ID? | Yes | |
| Date/Time Collected? | Yes | |
| Collectors name? | No | |

**Sample Preservation**

| | | |
|---|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No | |
| 22. Are sample(s) correctly preserved? | NA | |
| 24. Is lab filteration required and/or requested for dissolved metals? | No | |

**Multiphase Sample Matrix**

| | | |
|---|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No | |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA | |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Comments/Resolution**

Bandit SWD has been separated into multiple WO due to high sample volume. WO are E407184-E407187. Sampled by name is missing in COC by client.

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Austin Weyant

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Atkins Engineering Associates Inc.

| | |
|---|---|
| Project Name: | Bandit SWD |
| Work Order: | E409028 |
| Job Number: | 20071-0001 |
| Received: | 9/6/2024 |

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/11/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/11/24

Austin Weyant
2904 W. 2nd
Roswell, NM 88201

Project Name: Bandit SWD
Workorder: E409028
Date Received: 9/6/2024 7:00:00AM

Austin Weyant,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/6/2024 7:00:00AM, under the Project Name: Bandit SWD.

The analytical test results summarized in this report with the Project Name: Bandit SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 09/11/24 13:38 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SP 1 | E409028-01A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 2 | E409028-02A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 3 | E409028-03A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 4 | E409028-04A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 5 | E409028-05A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 6 | E409028-06A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 7 | E409028-07A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 8 | E409028-08A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 9 | E409028-09A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 10 | E409028-10A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 11 | E409028-11A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 12 | E409028-12A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 13 | E409028-13A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 14 | E409028-14A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 15 | E409028-15A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 16 | E409028-16A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 17 | E409028-17A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 18 | E409028-18A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 19 | E409028-19A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 20 | E409028-20A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 1

**E409028-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.6 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *92.6 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **24.7** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 2**

**E409028-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.6 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *84.2 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | ND | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 3**

**E409028-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.6 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.2 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *89.5 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **26.9** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 4**

**E409028-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.5 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.1 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *83.8 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **28.0** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 5**

**E409028-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.4 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *81.7 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **316** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 6**

**E409028-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *101 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.0 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *85.4 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **288** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 7**

**E409028-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.9 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.6 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *88.2 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **135** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 8

**E409028-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.8 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.3 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *88.7 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **25.7** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 9**

**E409028-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *100 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.1 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/08/24 | H1 |
| *Surrogate: n-Nonane* | | *82.3 %* | *50-200* | *09/06/24* | *09/08/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **864** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 10

**E409028-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.5 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.4 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *86.5 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **657** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 11**

**E409028-11**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.6 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *98.0 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *87.7 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **1180** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 12

**E409028-12**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.5 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *98.0 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *87.8 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **1440** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 13

**E409028-13**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.7 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.2 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *85.5 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **2050** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 14

**E409028-14**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.5 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.7 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *79.4 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **1870** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 15

**E409028-15**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *99.2 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.3 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *82.3 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **2000** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 16

**E409028-16**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.2 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.8 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *81.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **373** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 17**

**E409028-17**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.5 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.9 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *81.9 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **802** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 18

**E409028-18**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.8 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.8 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *82.2 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **682** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

**SP 19**

**E409028-19**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *97.4 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.3 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *79.9 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **105** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## SP 20

**E409028-20**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/07/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.0 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436057 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/07/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.5 %* | *70-130* | *09/06/24* | *09/07/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436060 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *83.5 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436061 |
| Chloride | **578** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## Volatile Organics by EPA 8021B

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436057-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/07/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.96* | | *8.00* | | *99.5* | *70-130* | | | |
| **LCS (2436057-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/07/24 |
| Benzene | 5.73 | 0.0250 | 5.00 | | 115 | 70-130 | | | |
| Ethylbenzene | 5.48 | 0.0250 | 5.00 | | 110 | 70-130 | | | |
| Toluene | 5.64 | 0.0250 | 5.00 | | 113 | 70-130 | | | |
| o-Xylene | 5.52 | 0.0250 | 5.00 | | 110 | 70-130 | | | |
| p,m-Xylene | 11.1 | 0.0500 | 10.0 | | 111 | 70-130 | | | |
| Total Xylenes | 16.6 | 0.0250 | 15.0 | | 111 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.08* | | *8.00* | | *101* | *70-130* | | | |
| **Matrix Spike (2436057-MS1)** | | | | **Source: E409028-07** | | | | | Prepared: 09/06/24 Analyzed: 09/07/24 |
| Benzene | 4.78 | 0.0250 | 5.00 | ND | 95.7 | 54-133 | | | |
| Ethylbenzene | 4.61 | 0.0250 | 5.00 | ND | 92.1 | 61-133 | | | |
| Toluene | 4.72 | 0.0250 | 5.00 | ND | 94.3 | 61-130 | | | |
| o-Xylene | 4.62 | 0.0250 | 5.00 | ND | 92.4 | 63-131 | | | |
| p,m-Xylene | 9.37 | 0.0500 | 10.0 | ND | 93.7 | 63-131 | | | |
| Total Xylenes | 14.0 | 0.0250 | 15.0 | ND | 93.3 | 63-131 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.02* | | *8.00* | | *100* | *70-130* | | | |
| **Matrix Spike Dup (2436057-MSD1)** | | | | **Source: E409028-07** | | | | | Prepared: 09/06/24 Analyzed: 09/07/24 |
| Benzene | 5.04 | 0.0250 | 5.00 | ND | 101 | 54-133 | 5.12 | 20 | |
| Ethylbenzene | 4.84 | 0.0250 | 5.00 | ND | 96.7 | 61-133 | 4.89 | 20 | |
| Toluene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 61-130 | 5.01 | 20 | |
| o-Xylene | 4.85 | 0.0250 | 5.00 | ND | 97.0 | 63-131 | 4.87 | 20 | |
| p,m-Xylene | 9.82 | 0.0500 | 10.0 | ND | 98.2 | 63-131 | 4.73 | 20 | |
| Total Xylenes | 14.7 | 0.0250 | 15.0 | ND | 97.8 | 63-131 | 4.78 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.07* | | *8.00* | | *101* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436057-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/07/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.71* | | *8.00* | | *96.4* | *70-130* | | | |
| **LCS (2436057-BS2)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/07/24 |
| Gasoline Range Organics (C6-C10) | 36.4 | 20.0 | 50.0 | | 72.8 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.75* | | *8.00* | | *96.9* | *70-130* | | | |
| **Matrix Spike (2436057-MS2)** | | | | **Source: E409028-07** | | | | | Prepared: 09/06/24 Analyzed: 09/07/24 |
| Gasoline Range Organics (C6-C10) | 42.9 | 20.0 | 50.0 | ND | 85.8 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.83* | | *8.00* | | *97.9* | *70-130* | | | |
| **Matrix Spike Dup (2436057-MSD2)** | | | | **Source: E409028-07** | | | | | Prepared: 09/06/24 Analyzed: 09/07/24 |
| Gasoline Range Organics (C6-C10) | 40.6 | 20.0 | 50.0 | ND | 81.2 | 70-130 | 5.49 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.84* | | *8.00* | | *98.0* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436060-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/08/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *46.1* | | *50.0* | | *92.2* | *50-200* | | | |
| **LCS (2436060-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/08/24 |
| Diesel Range Organics (C10-C28) | 217 | 25.0 | 250 | | 86.7 | 38-132 | | | |
| *Surrogate: n-Nonane* | *42.8* | | *50.0* | | *85.6* | *50-200* | | | |
| **Matrix Spike (2436060-MS1)** | | | | **Source: E409028-03** | | | | | Prepared: 09/06/24 Analyzed: 09/08/24 |
| Diesel Range Organics (C10-C28) | 212 | 25.0 | 250 | ND | 84.9 | 38-132 | | | |
| *Surrogate: n-Nonane* | *47.6* | | *50.0* | | *95.3* | *50-200* | | | |
| **Matrix Spike Dup (2436060-MSD1)** | | | | **Source: E409028-03** | | | | | Prepared: 09/06/24 Analyzed: 09/08/24 |
| Diesel Range Organics (C10-C28) | 220 | 25.0 | 250 | ND | 88.1 | 38-132 | 3.80 | 20 | |
| *Surrogate: n-Nonane* | *47.5* | | *50.0* | | *95.1* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 1:38:48PM |

## Anions by EPA 300.0/9056A

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436061-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2436061-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 246 | 20.0 | 250 | | 98.4 | 90-110 | | | |
| **Matrix Spike (2436061-MS1)** | | | | **Source: E409028-04** | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 275 | 20.0 | 250 | 28.0 | 99.0 | 80-120 | | | |
| **Matrix Spike Dup (2436061-MSD1)** | | | | **Source: E409028-04** | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 276 | 20.0 | 250 | 28.0 | 99.0 | 80-120 | 0.0305 | 20 | |

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Definitions and Notes

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 09/11/24 13:38 |

| | |
|---|---|
| H1 | Sample was received past holding time and analyzed per client request. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM



| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Atkins | Attention: | Lab WO# E409028 | Job Number 20071-0001 | ID / 2D / 3D / Std |
| Project Name: Bandit SWD | Address: | | | NM x / CO / UT / TX |
| Project Manager: Austin Weyant | City, State, Zip: | | | |
| Address: 2904 W 2nd | Phone: | | | |
| City, State, Zip: Roswell | Email: | | | |
| Phone: 575-626-3993 | Miscellaneous: | | | |
| Email: sampling@atkinseng.com | | | | |

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Filtered | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | TDS/TSS | 200.7 TOTAL METALS | 300.0 ANIONS | ALKALINITY | TOTAL MERCURY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SMW 8/22 | | S | 1 | SP1 | | 1 | X | X | X | | | X | | | | | |
| | | | | SP2 | | 2 | X | X | | | | X | | | | | |
| | | | | SP3 | | 3 | X | X | | | | X | | | | | |
| | | | | SP4 | | 4 | X | X | | | | X | | | | | |
| | | | | SP5 | | 5 | X | X | | | | X | | | | | |
| | | | | SP6 | | 6 | X | X | | | | X | | | | | |
| | | | | SP7 | | 7 | X | X | | | | X | | | | | |
| | | | | SP8 | | 8 | X | X | | | | X | | | | | |
| | | | | SP9 | | 9 | X | X | | | | X | | | | | |
| | | | | SP10 | | 10 | X | X | | | | X | | | | | |

**EPA Program**

| SDWA | CWA | RCRA |
|---|---|---|
| | | |

Compliance Y or N

PWSID #

Remarks

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | SMW 8/22/24 | 3:15pm | | 9.5.24 | 1130 |
| | 9.5.24 | 1600 | J.M. | 9.5.24 | 1730 |
| J.M. | 9.5.24 | 2400 | | 09/06/24 | 700 |
| | | | | | |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 20 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

2/9

| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Atkins | Attention: | Lab WO# E409028 | Job Number 20071-0001 | ID / 2D / 3D / Std: | NM / CO / UT / TX: x |
| Project Name: Bandit SWD | Address: | | | |
| Project Manager: Austin Weyant | City, State, Zip: | | | |
| Address: 2904 W 2nd | Phone: | | | |
| City, State, Zip: Roswell | Email: | | | |
| Phone: 575-626-3993 | Miscellaneous: | | | |
| Email: sampling@atkinseng.com | | | | |

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Filtered | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | TDS/TSS | 200.7 TOTAL METALS | 300.0 ANIONS | ALKALINITY | TOTAL MERCURY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8/22 | S | 1 | SP11 | | 11 | X | X | X | | | X | | | | | |
| | | | | SP12 | | 12 | X | X | | | | X | | | | | |
| | | | | SP13 | | 13 | X | X | | | | X | | | | | |
| | | | | SP14 | | 14 | X | X | | | | X | | | | | |
| | | | | SP15 | | 15 | X | X | | | | X | | | | | |
| | | | | SP16 | | 16 | X | X | | | | X | | | | | |
| | | | | SP17 | | 17 | X | X | | | | X | | | | | |
| | | | | SP18 | | 18 | X | X | | | | X | | | | | |
| | | | | SP19 | | 19 | X | X | | | | X | | | | | |
| | | | | SP20 | | 20 | X | X | | | | X | | | | | |

**Analysis and Method**

**EPA Program**

| SDWA | CWA | RCRA |
|---|---|---|
| | | |

Compliance: Y or N

PWSID #

Remarks

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 8/22/24 | 15:13 | | 9.5.24 | 1130 |
| | 9.5.24 | 1600 | J.M. | 9.5.24 | 1730 |
| J.M. | 9.5.24 | 2400 | | | |
| | | | Brenda Zaz | 09/06/24 | 700 |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 20 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

# Envirotech Analytical Laboratory

Printed: 9/11/2024 1:32:51PM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Atkins Engineering Associates Inc. | Date Received: | 09/06/24 07:00 | Work Order ID: | E409028 |
| Phone: | (575) 626-3993 | Date Logged In: | 09/05/24 16:29 | Logged In By: | Noe Soto |
| Email: | austin@atkinseng.com | Due Date: | 09/12/24 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | |
|---|---|
| 1. Does the sample ID match the COC? | Yes |
| 2. Does the number of samples per sampling site location match the COC | Yes |
| 3. Were samples dropped off by client or carrier? | Yes |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | No |

Carrier: Courier

**Sample Turn Around Time (TAT)**

| | |
|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | No |

**Sample Cooler**

| | |
|---|---|
| 7. Was a sample cooler received? | Yes |
| 8. If yes, was cooler received in good condition? | Yes |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes |
| 10. Were custody/security seals present? | No |
| 11. If yes, were custody/security seals intact? | NA |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | |

**Sample Container**

| | |
|---|---|
| 14. Are aqueous VOC samples present? | No |
| 15. Are VOC samples collected in VOA Vials? | NA |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA |
| 17. Was a trip blank (TB) included for VOC analyses? | NA |
| 18. Are non-VOC samples collected in the correct containers? | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

**Field Label**

| | |
|---|---|
| 20. Were field sample labels filled out with the minimum information: | |
| Sample ID? | Yes |
| Date/Time Collected? | Yes |
| Collectors name? | No |

**Sample Preservation**

| | |
|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No |
| 22. Are sample(s) correctly preserved? | NA |
| 24. Is lab filteration required and/or requested for dissolved metals? | No |

**Multiphase Sample Matrix**

| | |
|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA |

**Subcontract Laboratory**

| | |
|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA |

Subcontract Lab: NA

**Comments/Resolution**

Time sampled is missing on COC by client. Project Bandit SWD has been separated into multiple WO due to high sample volume. WO are E409028-E409031. Samples received past holding time for BTEX, GRO, DRO, ORO. Lab will analyze samples per client request.

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Austin Weyant

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Atkins Engineering Associates Inc.

| | |
|---|---|
| Project Name: | Bandit SWD |
| Work Order: | E409029 |
| Job Number: | 20071-0001 |
| Received: | 9/6/2024 |

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/11/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/11/24

Austin Weyant
2904 W. 2nd
Roswell, NM 88201

Project Name: Bandit SWD
Workorder: E409029
Date Received: 9/6/2024 7:00:00AM

Austin Weyant,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/6/2024 7:00:00AM, under the Project Name: Bandit SWD.

The analytical test results summarized in this report with the Project Name: Bandit SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

**Southern New Mexico Area**

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ljarboe@envirotech-inc.com

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Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 09/11/24 15:08 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SP 21 | E409029-01A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 22 | E409029-02A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 23 | E409029-03A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 24 | E409029-04A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 25 | E409029-05A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 26 | E409029-06A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 27 | E409029-07A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 28 | E409029-08A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 29 | E409029-09A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 30 | E409029-10A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 31 | E409029-11A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 32 | E409029-12A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 33 | E409029-13A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 34 | E409029-14A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 35 | E409029-15A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 36 | E409029-16A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 37 | E409029-17A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 38 | E409029-18A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 39 | E409029-19A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 40 | E409029-20A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 21**

**E409029-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *83.3 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **376** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 22

**E409029-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.6 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *84.5 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **1340** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 23

**E409029-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *74.4 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **793** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 24

**E409029-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.9 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *76.2 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **1080** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 25

**E409029-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *105 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.0 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *80.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **711** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 26

**E409029-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.4 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *83.3 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **902** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 27

**E409029-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.6 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *79.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **2770** | 40.0 | 2 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 28

**E409029-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.1 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *82.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **3900** | 40.0 | 2 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 29

**E409029-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.3 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *83.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **1040** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 30**

**E409029-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/09/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/09/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.4 %* | *70-130* | *09/06/24* | *09/09/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *82.4 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **260** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 31**

**E409029-11**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.8 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *82.2 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **2210** | 40.0 | 2 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 32**

**E409029-12**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *83.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **1470** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 33**

**E409029-13**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.4 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *79.9 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **3750** | 40.0 | 2 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 34**

**E409029-14**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.6 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *86.8 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **2530** | 40.0 | 2 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 35**

**E409029-15**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *105 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *77.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **247** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 36

## E409029-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *104 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.0 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *81.1 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **2360** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 37**

**E409029-17**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.8 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *83.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **1340** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 38**

**E409029-18**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *103 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.3 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *72.5 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **325** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

**SP 39**

**E409029-19**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.2 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.6 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *79.6 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **3160** | 40.0 | 2 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## SP 40

**E409029-20**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *98.5 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: BA | | | Batch: 2436058 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.0 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436065 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: n-Nonane* | | *86.1 %* | *50-200* | *09/06/24* | *09/09/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436062 |
| Chloride | **2770** | 40.0 | 2 | 09/06/24 | 09/06/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## Volatile Organics by EPA 8021B

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436058-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.23* | | *8.00* | | *103* | *70-130* | | | |
| **LCS (2436058-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Benzene | 4.90 | 0.0250 | 5.00 | | 97.9 | 70-130 | | | |
| Ethylbenzene | 5.00 | 0.0250 | 5.00 | | 99.9 | 70-130 | | | |
| Toluene | 5.01 | 0.0250 | 5.00 | | 100 | 70-130 | | | |
| o-Xylene | 5.03 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| p,m-Xylene | 10.2 | 0.0500 | 10.0 | | 102 | 70-130 | | | |
| Total Xylenes | 15.2 | 0.0250 | 15.0 | | 101 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.35* | | *8.00* | | *104* | *70-130* | | | |
| **Matrix Spike (2436058-MS1)** | | | | **Source: E409029-10** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Benzene | 4.73 | 0.0250 | 5.00 | ND | 94.6 | 54-133 | | | |
| Ethylbenzene | 4.81 | 0.0250 | 5.00 | ND | 96.2 | 61-133 | | | |
| Toluene | 4.85 | 0.0250 | 5.00 | ND | 97.0 | 61-130 | | | |
| o-Xylene | 4.85 | 0.0250 | 5.00 | ND | 96.9 | 63-131 | | | |
| p,m-Xylene | 9.81 | 0.0500 | 10.0 | ND | 98.1 | 63-131 | | | |
| Total Xylenes | 14.7 | 0.0250 | 15.0 | ND | 97.7 | 63-131 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.31* | | *8.00* | | *104* | *70-130* | | | |
| **Matrix Spike Dup (2436058-MSD1)** | | | | **Source: E409029-10** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Benzene | 4.37 | 0.0250 | 5.00 | ND | 87.4 | 54-133 | 7.90 | 20 | |
| Ethylbenzene | 4.47 | 0.0250 | 5.00 | ND | 89.5 | 61-133 | 7.30 | 20 | |
| Toluene | 4.49 | 0.0250 | 5.00 | ND | 89.8 | 61-130 | 7.63 | 20 | |
| o-Xylene | 4.50 | 0.0250 | 5.00 | ND | 90.0 | 63-131 | 7.40 | 20 | |
| p,m-Xylene | 9.13 | 0.0500 | 10.0 | ND | 91.3 | 63-131 | 7.24 | 20 | |
| Total Xylenes | 13.6 | 0.0250 | 15.0 | ND | 90.8 | 63-131 | 7.29 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *8.29* | | *8.00* | | *104* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436058-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.67* | | *8.00* | | *95.9* | *70-130* | | | |
| **LCS (2436058-BS2)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Gasoline Range Organics (C6-C10) | 43.4 | 20.0 | 50.0 | | 86.8 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.74* | | *8.00* | | *96.8* | *70-130* | | | |
| **Matrix Spike (2436058-MS2)** | | | | **Source: E409029-10** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Gasoline Range Organics (C6-C10) | 42.0 | 20.0 | 50.0 | ND | 84.1 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.81* | | *8.00* | | *97.6* | *70-130* | | | |
| **Matrix Spike Dup (2436058-MSD2)** | | | | **Source: E409029-10** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Gasoline Range Organics (C6-C10) | 42.6 | 20.0 | 50.0 | ND | 85.3 | 70-130 | 1.38 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.81* | | *8.00* | | *97.6* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436065-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *44.7* | | *50.0* | | *89.5* | *50-200* | | | |
| **LCS (2436065-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Diesel Range Organics (C10-C28) | 217 | 25.0 | 250 | | 86.6 | 38-132 | | | |
| *Surrogate: n-Nonane* | *44.5* | | *50.0* | | *89.0* | *50-200* | | | |
| **Matrix Spike (2436065-MS1)** | | | | **Source: E409029-01** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Diesel Range Organics (C10-C28) | 237 | 25.0 | 250 | ND | 94.9 | 38-132 | | | |
| *Surrogate: n-Nonane* | *46.1* | | *50.0* | | *92.3* | *50-200* | | | |
| **Matrix Spike Dup (2436065-MSD1)** | | | | **Source: E409029-01** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Diesel Range Organics (C10-C28) | 228 | 25.0 | 250 | ND | 91.1 | 38-132 | 4.14 | 20 | |
| *Surrogate: n-Nonane* | *45.8* | | *50.0* | | *91.6* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/11/2024 3:08:27PM |

## Anions by EPA 300.0/9056A

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436062-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2436062-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 252 | 20.0 | 250 | | 101 | 90-110 | | | |
| **Matrix Spike (2436062-MS1)** | | | | **Source: E409029-05** | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 1010 | 20.0 | 250 | 711 | 120 | 80-120 | | | |
| **Matrix Spike Dup (2436062-MSD1)** | | | | **Source: E409029-05** | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 999 | 20.0 | 250 | 711 | 115 | 80-120 | 1.05 | 20 | |

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Definitions and Notes

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 09/11/24 15:08 |

| | |
|---|---|
| H1 | Sample was received past holding time and analyzed per client request. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

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| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Atkins | Attention: | Lab WO# E409029 | Job Number 20071-0001 | ID 2D 3D Std |
| Project Name: Bandit SWD | Address: | | | NM CO UT TX |
| Project Manager: Austin Weyant | City, State, Zip: | | | x |
| Address: 2904 W 2nd | Phone: | | | |
| City, State, Zip: Roswell | Email: | | | |
| Phone: 575-626-3993 | Miscellaneous: | | | |
| Email: sampling@atkinseng.com | | | | |

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Filtered | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | TDS/TSS | 200.7 TOTAL METALS | 300.0 ANIONS | ALKALINITY | TOTAL MERCURY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1500 | 8/22 | S | 1 | SP21 | | 1 | X | X | X | | | X | | | | | |
| | | | | SP22 | | 2 | X | X | | | | X | | | | | |
| | | | | SP23 | | 3 | X | X | | | | X | | | | | |
| | | | | SP24 | | 4 | X | X | | | | X | | | | | |
| | | | | SP25 | | 5 | X | X | | | | X | | | | | |
| | | | | SP26 | | 6 | X | X | | | | X | | | | | |
| | | | | SP27 | | 7 | X | X | | | | X | | | | | |
| | | | | SP28 | | 8 | X | X | | | | X | | | | | |
| | | | | SP29 | | 9 | X | X | | | | X | | | | | |
| | | | | SP30 | | 10 | X | X | | | | X | | | | | |

**Analysis and Method**

**EPA Program**

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Remarks

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 8/22/24 | 15:13 | | 9.5.24 | 1130 |
| | 9.5.24 | 1600 | J.H. | 9.5.24 | 1730 |
| J.H. | 9.5.24 | 2400 | | 09/06/24 | 700 |
| | | | | | |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: Y / N

T1 T2 T3

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 20 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

4/8

| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Atkins | Attention: | Lab WO# E409029 | Job Number 20071-0001 | ID / 2D / 3D / Std | NM / CO / UT / TX |
| Project Name: Bandit SWD | Address: | | | | x |
| Project Manager: Austin Weyant | City, State, Zip: | | | | |
| Address: 2904 W 2nd | Phone: | | | | |
| City, State, Zip: Roswell | Email: | | | | |
| Phone: 575-626-3993 | Miscellaneous: | | | | |
| Email: sampling@atkinseng.com | | | | | |

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Filtere | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | TDS/TSS | 200.7 TOTAL METALS | 300.0 ANIONS | ALKALINITY | TOTAL MERCURY | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8:00 | 8/22 | S | 1 | SP31 | | 11 | X | X | X | | | X | | | | | | |
| | | | | SP32 | | 12 | X | X | | | | X | | | | | | |
| | | | | SP33 | | 13 | X | X | | | | X | | | | | | |
| | | | | SP34 | | 14 | X | X | | | | X | | | | | | |
| | | | | SP35 | | 15 | X | X | | | | X | | | | | | |
| | | | | SP36 | | 16 | X | X | | | | X | | | | | | |
| | | | | SP37 | | 17 | X | X | | | | X | | | | | | |
| | | | | SP38 | | 18 | X | X | | | | X | | | | | | |
| | | | | SP39 | | 19 | X | X | | | | X | | | | | | |
| | | | | SP40 | | 20 | X | X | | | | X | | | | | | |

EPA Program: SDWA / CWA / RCRA

Compliance Y or N

PWSID #

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: JW

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 8/22 | 13:15 | | 9.5.24 | 1130 |
| | 9.5.24 | 1600 | J.M. | 9.5.24 | 1730 |
| J.M. | 9.5.24 | 2400 | | 09/06/24 | 700 |
| | | | | | |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: Y / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 20 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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# Envirotech Analytical Laboratory

Printed: 9/11/2024 3:06:39PM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Atkins Engineering Associates Inc. | Date Received: | 09/06/24 07:00 | Work Order ID: | E409029 |
| Phone: | (575) 626-3993 | Date Logged In: | 09/05/24 16:29 | Logged In By: | Noe Soto |
| Email: | austin@atkinseng.com | Due Date: | 09/12/24 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | | |
|---|---|---|
| 1. Does the sample ID match the COC? | Yes | |
| 2. Does the number of samples per sampling site location match the COC | Yes | |
| 3. Were samples dropped off by client or carrier? | Yes | Carrier: Courier |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | Yes | |

**Sample Turn Around Time (TAT)**

| | | |
|---|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | No | |

**Sample Cooler**

| | | |
|---|---|---|
| 7. Was a sample cooler received? | Yes | |
| 8. If yes, was cooler received in good condition? | Yes | |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes | |
| 10. Were custody/security seals present? | No | |
| 11. If yes, were custody/security seals intact? | NA | |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes | |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | | |

**Sample Container**

| | | |
|---|---|---|
| 14. Are aqueous VOC samples present? | No | |
| 15. Are VOC samples collected in VOA Vials? | NA | |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA | |
| 17. Was a trip blank (TB) included for VOC analyses? | NA | |
| 18. Are non-VOC samples collected in the correct containers? | Yes | |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes | |

**Field Label**

| | | |
|---|---|---|
| 20. Were field sample labels filled out with the minimum information: | | |
| Sample ID? | Yes | |
| Date/Time Collected? | Yes | |
| Collectors name? | No | |

**Sample Preservation**

| | | |
|---|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No | |
| 22. Are sample(s) correctly preserved? | NA | |
| 24. Is lab filteration required and/or requested for dissolved metals? | No | |

**Multiphase Sample Matrix**

| | | |
|---|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No | |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA | |

**Subcontract Laboratory**

| | | |
|---|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No | |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA | Subcontract Lab: NA |

**Comments/Resolution**

Time sampled is missing on COC by client. Project Bandit SWD has been separated into multiple WO due to high sample volume. WO are E409028-E409031. Samples received past holding time for BTEX, GRO, DRO, ORO. Lab will analyze samples per client request.

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Austin Weyant

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

# envirotech

***Practical Solutions for a Better Tomorrow***

## Analytical Report

Atkins Engineering Associates Inc.

| | |
|---|---|
| Project Name: | Bandit SWD |
| Work Order: | E409030 |
| Job Number: | 20071-0001 |
| Received: | 9/6/2024 |

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/12/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/12/24

Austin Weyant
2904 W. 2nd
Roswell, NM 88201

Project Name: Bandit SWD
Workorder: E409030
Date Received: 9/6/2024 7:00:00AM

Austin Weyant,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/6/2024 7:00:00AM, under the Project Name: Bandit SWD.

The analytical test results summarized in this report with the Project Name: Bandit SWD apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

**Raina Schwanz**
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

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Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Sample Summary

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 09/12/24 16:45 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| SP 41 | E409030-01A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 42 | E409030-02A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 43 | E409030-03A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 44 | E409030-04A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 45 | E409030-05A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 46 | E409030-06A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 47 | E409030-07A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 48 | E409030-08A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 49 | E409030-09A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 50 | E409030-10A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 51 | E409030-11A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 52 | E409030-12A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 53 | E409030-13A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 54 | E409030-14A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 55 | E409030-15A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 56 | E409030-16A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 57 | E409030-17A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 58 | E409030-18A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 59 | E409030-19A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |
| SP 60 | E409030-20A | Soil | 08/22/24 | 09/06/24 | Glass Jar, 2 oz. |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 41**

**E409030-01**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.9 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *73.8 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **1700** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## SP 42

**E409030-02**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.6 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.9 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *76.7 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **1900** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## SP 43

**E409030-03**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.9 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.8 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *72.6 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **1090** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 44**

**E409030-04**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.6 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.2 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *74.6 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **1360** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## SP 45

**E409030-05**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.1 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.4 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *72.9 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **425** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## SP 46

**E409030-06**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/09/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.7 %* | *70-130* | *09/06/24* | *09/09/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/09/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *98.0 %* | *70-130* | *09/06/24* | *09/09/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *73.3 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **820** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 47**

**E409030-07**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.8 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *69.1 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **1770** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## SP 48

**E409030-08**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.4 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.8 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *71.6 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **475** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 49**

**E409030-09**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.3 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *98.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *75.3 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **48.0** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 50**

**E409030-10**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.4 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.4 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *157 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **46.5** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 51**

**E409030-11**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.2 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.4 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/12/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/12/24 | H1 |
| *Surrogate: n-Nonane* | | *68.2 %* | *50-200* | *09/06/24* | *09/12/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **22.8** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 52**

**E409030-12**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.0 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *77.9 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **21.8** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 53**

**E409030-13**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *93.1 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *96.0 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *80.9 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **37.3** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 54**

**E409030-14**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.0 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.9 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *84.5 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | ND | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 55**

**E409030-15**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.1 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.5 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *74.9 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | ND | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## SP 56

**E409030-16**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.0 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.2 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *79.3 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | **108** | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 57**

**E409030-17**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *92.9 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *95.6 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *76.3 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | ND | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 58**

**E409030-18**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *91.0 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *98.1 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *69.8 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | ND | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

**SP 59**

**E409030-19**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *88.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *98.9 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *71.9 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | ND | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# Sample Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## SP 60

**E409030-20**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|---|---|---|---|---|---|
| **Volatile Organics by EPA 8021B** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Benzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Ethylbenzene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| Toluene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| o-Xylene | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| p,m-Xylene | ND | 0.0500 | 1 | 09/06/24 | 09/10/24 | H1 |
| Total Xylenes | ND | 0.0250 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 4-Bromochlorobenzene-PID* | | *88.8 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - GRO** | mg/kg | mg/kg | Analyst: CG | | | Batch: 2436059 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | | *97.7 %* | *70-130* | *09/06/24* | *09/10/24* | |
| **Nonhalogenated Organics by EPA 8015D - DRO/ORO** | mg/kg | mg/kg | Analyst: NV | | | Batch: 2436067 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/06/24 | 09/10/24 | H1 |
| *Surrogate: n-Nonane* | | *79.8 %* | *50-200* | *09/06/24* | *09/10/24* | |
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | Analyst: IY | | | Batch: 2436070 |
| Chloride | ND | 20.0 | 1 | 09/06/24 | 09/06/24 | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## Volatile Organics by EPA 8021B

Analyst: CG

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436059-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.31* | | *8.00* | | *91.4* | *70-130* | | | |
| **LCS (2436059-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Benzene | 4.18 | 0.0250 | 5.00 | | 83.7 | 70-130 | | | |
| Ethylbenzene | 4.37 | 0.0250 | 5.00 | | 87.5 | 70-130 | | | |
| Toluene | 4.36 | 0.0250 | 5.00 | | 87.3 | 70-130 | | | |
| o-Xylene | 4.42 | 0.0250 | 5.00 | | 88.3 | 70-130 | | | |
| p,m-Xylene | 8.91 | 0.0500 | 10.0 | | 89.1 | 70-130 | | | |
| Total Xylenes | 13.3 | 0.0250 | 15.0 | | 88.9 | 70-130 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.41* | | *8.00* | | *92.6* | *70-130* | | | |
| **Matrix Spike (2436059-MS1)** | | | | **Source: E409030-06** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Benzene | 4.07 | 0.0250 | 5.00 | ND | 81.5 | 54-133 | | | |
| Ethylbenzene | 4.25 | 0.0250 | 5.00 | ND | 84.9 | 61-133 | | | |
| Toluene | 4.25 | 0.0250 | 5.00 | ND | 84.9 | 61-130 | | | |
| o-Xylene | 4.32 | 0.0250 | 5.00 | ND | 86.3 | 63-131 | | | |
| p,m-Xylene | 8.65 | 0.0500 | 10.0 | ND | 86.5 | 63-131 | | | |
| Total Xylenes | 13.0 | 0.0250 | 15.0 | ND | 86.5 | 63-131 | | | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.41* | | *8.00* | | *92.6* | *70-130* | | | |
| **Matrix Spike Dup (2436059-MSD1)** | | | | **Source: E409030-06** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Benzene | 4.02 | 0.0250 | 5.00 | ND | 80.4 | 54-133 | 1.29 | 20 | |
| Ethylbenzene | 4.21 | 0.0250 | 5.00 | ND | 84.2 | 61-133 | 0.784 | 20 | |
| Toluene | 4.20 | 0.0250 | 5.00 | ND | 84.1 | 61-130 | 1.00 | 20 | |
| o-Xylene | 4.26 | 0.0250 | 5.00 | ND | 85.3 | 63-131 | 1.22 | 20 | |
| p,m-Xylene | 8.59 | 0.0500 | 10.0 | ND | 85.9 | 63-131 | 0.699 | 20 | |
| Total Xylenes | 12.9 | 0.0250 | 15.0 | ND | 85.7 | 63-131 | 0.871 | 20 | |
| *Surrogate: 4-Bromochlorobenzene-PID* | *7.39* | | *8.00* | | *92.3* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: CG

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436059-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.77* | | *8.00* | | *97.1* | *70-130* | | | |
| **LCS (2436059-BS2)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/10/24 |
| Gasoline Range Organics (C6-C10) | 42.7 | 20.0 | 50.0 | | 85.3 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *8.02* | | *8.00* | | *100* | *70-130* | | | |
| **Matrix Spike (2436059-MS2)** | | | | **Source: E409030-06** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Gasoline Range Organics (C6-C10) | 40.1 | 20.0 | 50.0 | ND | 80.2 | 70-130 | | | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.80* | | *8.00* | | *97.4* | *70-130* | | | |
| **Matrix Spike Dup (2436059-MSD2)** | | | | **Source: E409030-06** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Gasoline Range Organics (C6-C10) | 40.5 | 20.0 | 50.0 | ND | 81.0 | 70-130 | 0.989 | 20 | |
| *Surrogate: 1-Chloro-4-fluorobenzene-FID* | *7.85* | | *8.00* | | *98.1* | *70-130* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436067-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| *Surrogate: n-Nonane* | *37.9* | | *50.0* | | *75.8* | *50-200* | | | |
| **LCS (2436067-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Diesel Range Organics (C10-C28) | 182 | 25.0 | 250 | | 72.8 | 38-132 | | | |
| *Surrogate: n-Nonane* | *38.4* | | *50.0* | | *76.8* | *50-200* | | | |
| **Matrix Spike (2436067-MS1)** | | | | **Source: E409030-05** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Diesel Range Organics (C10-C28) | 183 | 25.0 | 250 | ND | 73.1 | 38-132 | | | |
| *Surrogate: n-Nonane* | *38.2* | | *50.0* | | *76.4* | *50-200* | | | |
| **Matrix Spike Dup (2436067-MSD1)** | | | | **Source: E409030-05** | | | | | Prepared: 09/06/24 Analyzed: 09/09/24 |
| Diesel Range Organics (C10-C28) | 202 | 25.0 | 250 | ND | 80.8 | 38-132 | 10.0 | 20 | |
| *Surrogate: n-Nonane* | *40.1* | | *50.0* | | *80.2* | *50-200* | | | |

# QC Summary Data

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | **Reported:** |
| 2904 W. 2nd | Project Number: | 20071-0001 | |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 9/12/2024 4:45:41PM |

## Anions by EPA 300.0/9056A

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2436070-BLK1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2436070-BS1)** | | | | | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 252 | 20.0 | 250 | | 101 | 90-110 | | | |
| **Matrix Spike (2436070-MS1)** | | | | **Source: E409030-03** | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 1350 | 20.0 | 250 | 1090 | 102 | 80-120 | | | |
| **Matrix Spike Dup (2436070-MSD1)** | | | | **Source: E409030-03** | | | | | Prepared: 09/06/24 Analyzed: 09/06/24 |
| Chloride | 1350 | 20.0 | 250 | 1090 | 105 | 80-120 | 0.604 | 20 | |

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

# Definitions and Notes

| | | | |
|---|---|---|---|
| Atkins Engineering Associates Inc. | Project Name: | Bandit SWD | |
| 2904 W. 2nd | Project Number: | 20071-0001 | **Reported:** |
| Roswell NM, 88201 | Project Manager: | Austin Weyant | 09/12/24 16:45 |

| | |
|---|---|
| H1 | Sample was received past holding time and analyzed per client request. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| RPD | Relative Percent Difference |
| DNI | Did Not Ignite |
| DNR | Did not react with the addition of acid or base. |

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

5/8

| Client Information | Invoice Information | Lab Use Only | TAT | State |
|---|---|---|---|---|
| Client: Atkins | Attention: | Lab WO# E409030 | Job Number 20071-0001 | ID / 2D / 3D / Std |
| Project Name: Bandit SWD | Address: | | | NM CO UT TX |
| Project Manager: Austin Weyant | City, State, Zip: | | | x |
| Address: 2904 W 2nd | Phone: | | | |
| City, State, Zip: Roswell | Email: | | | |
| Phone: 575-626-3993 | Miscellaneous: | | | |
| Email: sampling@atkinseng.com | | | | |

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Filtered | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | TDS/TSS | 200.7 TOTAL METALS | 300.0 ANIONS | ALKALINITY | TOTAL MERCURY | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SAME | 8/22 | S | 1 | SP41 | | 1 | X | X | X | | | X | | | | | | |
| | | | | SP42 | | 2 | X | X | | | | X | | | | | | |
| | | | | SP43 | | 3 | X | X | | | | X | | | | | | |
| | | | | SP44 | | 4 | X | X | | | | X | | | | | | |
| | | | | SP45 | | 5 | X | X | | | | X | | | | | | |
| | | | | SP46 | | 6 | X | X | | | | X | | | | | | |
| | | | | SP47 | | 7 | X | X | | | | X | | | | | | |
| | | | | SP48 | | 8 | X | X | | | | X | | | | | | |
| | | | | SP49 | | 9 | X | X | | | | X | | | | | | |
| | | | | SP50 | | 10 | X | X | | | | X | | | | | | |

**Analysis and Method**

**EPA Program**

| SDWA | CWA | RCRA |
|---|---|---|
| | | |

Compliance Y or N

PWSID #

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 8/22 | 1315 | | 9.5.24 | 1730 |
| | 9.5.24 | 1600 | J.H. | 9.5.24 | 1730 |
| J.H. | 9.5.24 | 2400 | | 09/06/24 | 700 |
| | | | | | |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 20 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Released to Imaging: 7/21/2025 1:52:23 PM
Received by OCD: 7/18/2025 12:22:12 PM

6/8

| Client Information | Invoice Information | Lab Use Only | | TAT | | | | State | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Client: Atkins | Attention: | Lab WO# E409030 | Job Number 20071-0001 | ID | 2D | 3D | Std | NM | CO | UT | TX | | |
| Project Name: Bandit SWD | Address: | | | | | | | x | | | | | |
| Project Manager: Austin Weyant | City, State, Zip: | | | | | | | | | | | | |
| Address: 2904 W 2nd | Phone: | | | | | | | | | | | | |
| City, State, Zip: Roswell | Email: | | | | | | | | | | | | |
| Phone: 575-626-3993 | Miscellaneous: | | | | | | | | | | | | |
| Email: sampling@atkinseng.com | | | | | | | | | | | | | |

**Sample Information**

| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Filtered | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | TDS/TSS | 200.7 TOTAL METALS | 300.0 ANIONS | ALKALINITY | TOTAL MERCURY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1300 | 8/2/24 | S | 1 | SP 51 | | 11 | X | X | X | | | X | | | | | |
| | | | | SP 52 | | 12 | X | X | | | | X | | | | | |
| | | | | SP 53 | | 13 | X | X | | | | X | | | | | |
| | | | | SP 54 | | 14 | X | X | | | | X | | | | | |
| | | | | SP 55 | | 15 | X | X | | | | X | | | | | |
| | | | | SP 56 | | 16 | X | X | | | | X | | | | | |
| | | | | SP 57 | | 17 | X | X | | | | X | | | | | |
| | | | | SP 58 | | 18 | X | X | | | | X | | | | | |
| | | | | SP 59 | | 19 | X | X | | | | X | | | | | |
| | | | | SP 60 | | 20 | X | X | | | | X | | | | | |

**EPA Program**

| SDWA | CWA | RCRA |
|---|---|---|
| | | |

Compliance: Y or N

PWSID #

Remarks

**Additional Instructions:**

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| | 8/2 | 13:15 | | 9.5.24 | 1130 |
| | 9.5.24 | 1400 | | 9.5.24 | 1730 |
| | 9.5.24 | 2400 | | 09/06/24 | 700 |
| | | | | | |

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4.0

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 20 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

# Envirotech Analytical Laboratory

Printed: 9/11/2024 3:24:21PM

## Sample Receipt Checklist (SRC)

**Instructions: Please take note of any NO checkmarks.**
**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

| | | | | | |
|---|---|---|---|---|---|
| Client: | Atkins Engineering Associates Inc. | Date Received: | 09/06/24 07:00 | Work Order ID: | E409030 |
| Phone: | (575) 626-3993 | Date Logged In: | 09/05/24 16:30 | Logged In By: | Noe Soto |
| Email: | austin@atkinseng.com | Due Date: | 09/12/24 17:00 (4 day TAT) | | |

**Chain of Custody (COC)**

| | |
|---|---|
| 1. Does the sample ID match the COC? | Yes |
| 2. Does the number of samples per sampling site location match the COC | Yes |
| 3. Were samples dropped off by client or carrier? | Yes |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? | No |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | No |

Carrier: Courier

**Sample Turn Around Time (TAT)**

| | |
|---|---|
| 6. Did the COC indicate standard TAT, or Expedited TAT? | No |

**Sample Cooler**

| | |
|---|---|
| 7. Was a sample cooler received? | Yes |
| 8. If yes, was cooler received in good condition? | Yes |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes |
| 10. Were custody/security seals present? | No |
| 11. If yes, were custody/security seals intact? | NA |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling | Yes |
| 13. If no visible ice, record the temperature. Actual sample temperature: 4°C | |

**Sample Container**

| | |
|---|---|
| 14. Are aqueous VOC samples present? | No |
| 15. Are VOC samples collected in VOA Vials? | NA |
| 16. Is the head space less than 6-8 mm (pea sized or less)? | NA |
| 17. Was a trip blank (TB) included for VOC analyses? | NA |
| 18. Are non-VOC samples collected in the correct containers? | Yes |
| 19. Is the appropriate volume/weight or number of sample containers collected? | Yes |

**Field Label**

| | |
|---|---|
| 20. Were field sample labels filled out with the minimum information: | |
| Sample ID? | Yes |
| Date/Time Collected? | Yes |
| Collectors name? | No |

**Sample Preservation**

| | |
|---|---|
| 21. Does the COC or field labels indicate the samples were preserved? | No |
| 22. Are sample(s) correctly preserved? | NA |
| 24. Is lab filteration required and/or requested for dissolved metals? | No |

**Multiphase Sample Matrix**

| | |
|---|---|
| 26. Does the sample have more than one phase, i.e., multiphase? | No |
| 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA |

**Subcontract Laboratory**

| | |
|---|---|
| 28. Are samples required to get sent to a subcontract laboratory? | No |
| 29. Was a subcontract laboratory specified by the client and if so who? | NA |

Subcontract Lab: NA

**Comments/Resolution**

Time sampled is missing on COC by client. Project Bandit SWD has been separated into multiple WO due to high sample volume. WO are E409028-E409031. Samples received past holding time for BTEX, GRO, DRO, ORO. Lab will analyze samples per client request.

**Client Instruction**

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

# Appendix D
# Photographic Log

180
210
240
270
300
330
258°W (T) LAT: 32.320901 LON: -104.282948 ±13ft ▲ 3319ft
Bandit 1

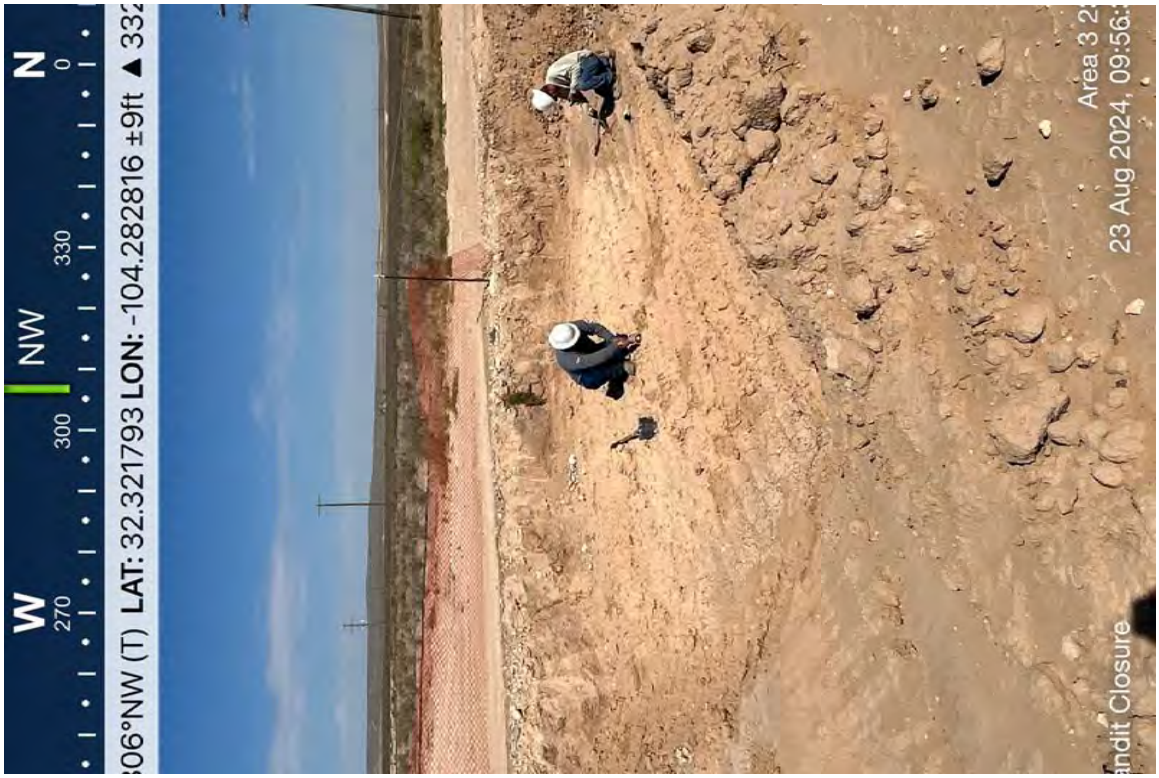

210
240
270
300
330
0
295°NW (T) LAT: 32.320923 LON: -104.282983 ±9ft ▲ 3321ft
Bandit 1

60
90
120
150
180
210
130°SE (T) LAT: 32.321232 LON: -104.282877 ±16ft ▲ 3325ft
Bandit 1


180
210
240
270
300
330
0
271°W (T) LAT: 32.321195 LON: -104.283043 ±9ft ▲ 3327ft
Bandit

0
30
60
90
120
150
79°E (T) LAT: 32.321033 LON: -104.283427 ±9ft ▲ 3337ft
Bandit


120
150
180
210
240
270
204°SW (T) LAT: 32.321045 LON: -104.282610 ±9ft ▲ 3335ft
Area 1 2100ft


W
270
300
NW
330
N
0
06°NW (T) LAT: 32.321793 LON: -104.282816 ±9ft ▲ 332
Area 3 2
23 Aug 2024, 09:56:
indit Closure

Area 2 1300
300°NW (T) LAT: 32.321166 LON: -104.282684 ±13ft ▲ 3325ft
210
240
270
300
330
0
30

# Remediation Closure Report

**October 22, 2024 Historical Contractor**

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

October 22, 2024

#BanditSWD_env_23

**3R Operating, LLC**
**4000 North Big Spring-Suite 210 Midland, TX 79705**
**Attn: Randy Ferrell**

SUBJECT: Remediation Closure Report for the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY Release (nAB1922139305), (nAB1921736522), (nJMW1217334502), (nAPP2319437518) and (NAPP2320640601**)** Eddy County, New Mexico

Dear Mr. Anderson,

On behalf of 3R Operating, LLC, Atkins Engineering Associates INC. (AEA) prepared the site assessment, field delineation and now the remediation closure. Prior communication with the division on the location was for remedial work plan approval. To quickly delineate the multiple releases of liquids related to oil and gas production activities at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY AEA used ***Visual Sample Plan Version 6.0*** (VSP) to define a confidence interval of 90% and sample plan design coupled with an Electromagnetic survey to accurately define the parameters or horizontal boundaries of the soil investigation. The site is in Unit F, Section 10, Township 23S, Range 26E, Eddy County, New Mexico, on State land.

*Table 1: summarizes release information and Site Criteria*

| **Table 1: Release Information and Closure Criteria** | | | |
|---|---|---|---|
| Name | BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY | Company | Read & Stevens / 3R Operating |
| API Number | 30-015-21071 | Location | 32.320914, -104.283330 |
| Incident Number | (nAB1922139305), (nAB1921736522), (nJMW1217334502), (nAPP2319437518) and (NAPP2320640601**)** | | |
| Estimated Date of Release | 7/27/2019 – 7/13/2023 | Date Reported to NMOCD | 7/27/2019 – 7/13/2023 |
| Landowner | State | Reported To | NMOCD District 2 |
| Source of Release | Legacy releases from previous operator Read and Stevens OGRID (18917) and current | | |
| NMOCD Closure Criteria | >100 feet to groundwater | | |

Received by OCD: 7/18/2025 12:22:12 PM




## 1.0 Background

Atkins Engineering Associates Inc. (AEA) was retained by 3R Operating, LLC (3R) to complete an Environmental Liability Assessment (ELA) study of the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY former Read and Stevens oil and gas facilities acquired from Permian Resources Co. The purpose of this study was to identify, to the extent feasible, the environmental liability with respect to the assets located on the subject facilities and contiguous areas. As part of the ELA an Environmental & Administrative Orders search of the New Mexico Oil Conservation Division database was completed for the subject facilities area and then cross-referenced by operator. The search revealed three (3) Remediation Permits issued to the previous owner and/or operator. According to NMOCD documentation initial response activities were conducted by the pervious operator, and included source elimination by means of repair and immediate site stabilization and release recovery. Figure 1 illustrates the vicinity and site location. All the C-141 forms are included in Appendix A.

During and soon after the acquisition of the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY two releases were discovered at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY and reported to NMOCD (nAPP2319437518) and (NAPP2320640601**).**

Incident NAPP2320640601 was discovered on July,25 2023 and reported to NMOCD the same day. The Cause was a water hauler failed to remove his hose after pulling a load of water and drove off with it connected, breaking the drain valve off the back of the tank. The total release was 220 bbls of water and 70 bbls were recovered. Everything stayed within the berm, repairs are being made to the tank. The release volume was estimated by operations staff and confirmed through the attached C141. Initial response activities were conducted by the current operator 3R, and included source elimination by means of repair and immediate site stabilization and release recovery. Figure 1a illustrates the vicinity and site location. The C-141 forms are included in Appendix A.

Incident nAPP2319437518 was discovered on July,13 2023 and reported to NMOCD the same day. The Cause was equipment failure at the wellhead causing a release of an estimated 75bbl of Produced Water on the locations pad. The release volume was estimated by operations staff and confirmed through the attached C141. Initial response activities were conducted by the current operator 3R, and included source elimination by means of repair and immediate site stabilization and release recovery of an estimated 50 bbls. Figure 1a illustrates the vicinity and site location. The C-141 forms are included in Appendix A.

The previous NMOCD submitted May, 31st 2024 Remediation Work Plan for the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY was denied by NMOCD because of the reasons listed below with AEAs responses.

- **The Remediation Plan is Denied. Figure 1b (showing extent of current and proposed excavation and existing sample locations) doesn't seem to be included in the report. Please include Figure 1b in the resubmittal. Sidewall samples need to be completed to laterally delineate the release. The site map will need to include the entire release area including horizontal/vertical delineation sample locations. Looking at the EM Survey,**

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**the release appears to have entered the pit area, crossed the road, and then collected on the east side of the road. The entire release area which may include the pit and road will need to be fully delineated.**

- Figure 1 and Figure 4 were updated.
- AEA's Field geologist was on site September 20th 2023 and his logs for the soil bores are attached in the appendices. DPT-6 and DPT-2 logs show plastic at the surface and were determined by AEAs field geologist to the pit. DPT-2 is the southernmost boundary of the pit and geo referenced photo 1 shows the northernmost extent.
- Field sidewall samples performed by MMX were included and confirm the approximate areas found by the EM survey.
- Delineation has proven difficult because of the presence of an indurent soil or rock layer. The DPT rig hit refusal at four 4 to six 6 feet across the location as shown in the logs. The excavation of the location has also hit the same indurent soil or rock layer that the track hoe cannot penetrate thus limiting the excavation to the 4-foot in depth.

- **Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please collect confirmation samples, representing no more than 200 ft2. All off-pad areas (roads, pasture, etc..) must meet reclamation standards set forth in the OCD Spill Rule.**
  - AEA agrees that the release should be excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site, see addition third party lab results and MMX sidewall samples in table 4.
  - AEA has provided the logs of two neighboring wells C2382 and C2393, because of the data exceeds the 25-year request by NMOCD, AEA staff contracted the Wells owner Justin Wilson and was granted permission to re-gauge both wells. AEA staff could only fit a water level probe past the manifold at one of the wells believed to be the C2393 and water was found to be 243ft from TOC.
  - AEA will collect closure samples that comply with standards set forth in the OCD Spill Rule.

**The Remediation Plan was approved by NMOCD on August, 5th 2024.**

## 2.0 Site Information and Closure Criteria

The BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY is located approximately 0.75 miles South the city Carlsbad Eddy County, New Mexico on State land at an elevation of approximately 3313 feet above mean sea level (amsl).

Based upon well logs submitted to the New Mexico Office of the State Engineers (NMOSE) (Appendix B), depth to groundwater in the area is estimated to be 245 feet below grade surface (bgs). There are known water sources within ½-mile of the location, according to the NMOSE. Livestock and Domestic wells C2393 and C2382. C2393 was recently gauged by AEA staff on September 20th 2023 and ground water was found to be 243ft from TOC. The nearest significant watercourse is Dark Canyon, located

approximately .5 miles West of the location. Figure 2 illustrates the site with 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Because both well logs are from 1994 the data exceeds the 25-year request by NMOCD, AEA staff contracted the Wells owner Justin Wilson and was granted permission to re-gauge both wells. All NMOCD hydrological and cave and karst setbacks are shown in figures 2-2b. Because the location is within the BLMs Karst Occurrence of medium Karst a **Cave and Karst Resource Inventory** was conducted by Southwest Geophysical Consulting LLC (SGC). The report is in the approved Work Plan.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet bgs. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC on the locations pad. 19.15.29.13(D)(1) NMAC says "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." The affected pad has been excavated to a minimum of four feet and the remaining impacts are less than the standards of Table I of 19.15.29.12 NMAC

*Table 2: summarizes standards of Table I of 19.15.29.12 NMAC*

| Remediation >100 feet to groundwater | | |
|---|---|---|
| Chloride | EPA 300 | 20,000mg/kg |
| TPH (GRO+DRO+MRO) | EPA 8015M | 2,500 mg/kg |
| BTEX | EPA 8021B | 50 mg/kg |

According to *Energy, Minerals and Natural Resources Department (EMNRD) Procedures for Implementation of the Spill Rule (19.15.29 NMAC) September 6, 2019, "The remediation requirements in Table 1 19.15.29.12 NMAC are the same for all releases, whether they occur on an active production site or not (19.15.29.12(C)(2) and (3) NMAC). Remediation on an active site can be deferred in areas immediately under or around production equipment such as production tanks, wellheads, and pipelines where remediation could cause a major facility deconstruction."* AEA and its subcontractor had a third-party Safety Professional (SESI) review the physical location and its surrounding area and determine the safe horizontal limits of the remedial excavation. Most of the impacted soil that can be removed safely on Pad and around neighboring utilities was performed in March of this year.

AEA plans to submit deferral request with its closure report after the completion of the remedial excavation in order to safely delineate the remining impacts.

Table 5 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B. Figure 1 illustrates the site 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet bgs. The Pad site has been restored to meet the standards of Table I of 19.15.29.12 NMAC.

In total five thousand seven hundred and fifty-six (5756) cubic yards of caliche and native soil has been sent to an NMOCD approved disposal. An addition fourteen hundred cubic yards (1460yd$^3$) was removed in the off-pad areas to reach the targeted less than 600 ppm Chloride in the top four (4)feet.

## 3.0 Release Characterization and Remediation Activities

Electromagnetic surveying was used as a "first-pass" investigation to accurately define the parameters or horizontal boundaries of the soil investigation. A Geonics Ltd. EM-38 ground conductivity meter that has been factory calibrated was used on site to collect data.

Figure 1 attached is a product of the fixed-frequency EM method used to map variations in ground conductivity, to identify anomalously conductive soils and infer changes in the soil characteristics and composition. This method used portable instrumentation consisting of a transmitter coil and a receiver coil. Primary magnetic field from the transmitter coil induces subsurface eddy currents, which in turn generate a secondary magnetic field that is intercepted by the receiver coil. The ratio of the primary and secondary magnetic fields is related to ground conductivity represented as ECa in mS/m.

The conductivity values are not specific values from discrete depths; they are weighted averages of conductivity between the surface and the depth of exploration of the EM field and are termed "apparent conductivities". The apparent conductivity values obtained are in units of millisiemens per meter (mS/m). The apparent conductivity (ECa) of the soil has been related to the paste extract conductivity {ECe) by the relationship ECa=5ECa (McNeill, 1986a). Table 3 (from McNeill, 1986a) illustrates this general relationship. Measurements are expressed in millisiemens/meter (mS/m).

*Table 3: ECe to ECa Conversion*

| Soil Conductivity vs Salinity (from McNeill, 1986a) | | | |
|---|---|---|---|
| **Salinity (NRCS)** | **ECe (mS/cm) (Lab)** | **ECa (mS/m) (EM-38)** | **Figure Color** |
| NRCS Soil Background (site) | 0-2 | 0-40 | White to green |
| Slight | 0-4 | 40-80 | Yellow |
| Moderate | 4-8 | 80-100 | red |
| High | 8-12 | 160-240 | Purple |

The table above shows the general correlation between laboratory soil saturated paste ECe and the apparent conductivity ECa measured by an EM unit.

AEA drilling staff arrived on location September 20th, 2023, after a cleared one call to sample the Saragossa 10 Battery and the Bandit #1 SWD. Using the EM survey, (VSP) and the NMOCD documentation AEA sample six (6) locations at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY.

Field data from the soil bores is shown in Table 4 of the Work Plan. Based on the C141s release descriptions and the EM survey (see figure 1b) release is estimated to be on the locations pad and south and east of the locations pit. DPT-6 confirmed the locations pit to the north liner and drill cuttings were recorded. Based on the

three C141s release descriptions and the EM survey (see figure 1) release numbers nAPB192213905, nAB1921736522 and nJMV1217334502 were estimated to be in and around the Bandit #1 location.

A total of six (6) sample locations were investigated using a direct-push drill rig, to depths up to five 5 to 6 feet bgs. A minimum of three delineation samples were collected at each soil bore location and field screened NRCS EC and PID.

During remedial excavation activities March 4th 2024, AEAs sub-contractor collected sidewall samples to confirm the excavation boundaries using Hach strips for Cl-, sidewall or SW samples 1-14 are in table 4 and figure #4.

After the denial of the soil Work Plan, AEA performed a sampling event within the excavation on June 6th 2024 to confirm the previous soil borings and to get an up to date and lab confirmed contaminate concentration within the excavation. Samples BH1-BH8 are in table 4 and figure #4.

As summarized in Table 4 and shown in figure 1b, results indicated that the releases did not flow and or leach off the location except to the East of the lease road. An on-pad area of approximately 20,000 square feet and an off-pad area of 12,000 square feet remains impacted. The impacted area is also bordered by a. production flow lines to the north and the locations berm to the south. The effected soils are imported B-horizon from an area caliche pit and the native soils beneath.

AEA and its contractors to date have excavated approximately five thousand six hundred and fifty-four (5,654 $yd^3$) yards or soil in order to remediate the top four (4) feet of the pad to be compliant with, 19.15.29.13(D)(1) NMAC.

Figure 4 shows the extent of the current excavation and existing sample locations are shown in Figure 1b and figure 4.

All contaminated soil from the location has been hauled to a NMOCD approved facility (waste manifest will be available upon request).

At the completion of the remedial excavation AEA collected closure samples after the 7/17/2024 and 8/20/2024 notices to the NMOCD, NMSLO and the area Rancher. AEA collected confirmation samples, representing no more than 200 ft2 as specified in the NMOCD denial.

## 3.1 Deferral requested areas

As outlined in the NMSLO and NMOCD submitted Work Plan, the site is an active production site with active 3R owned and third party owned area utilities, some areas were unsafe to excavate and will need to be deferred. The areas immediately under or around the production equipment such as production tanks battery, wellhead, and the many pipelines and electrical lines.

**Figure 4a** shows the excavation and deferral areas on the southwest of the pad. First is the tank battery and the bermed area on the west side of the pad. The second is an unknown steel pipeline cutting across the location to the south, no area utility owners claimed the steel line nor was it marked, AEA discovered the utility during the EM survey and hand cleared the soil atop the line to depths of approximately 1-2ft. All of these areas shown in pink could not be excavated safely. Geo referenced photos of the area by AEA's field staff can be found in the appendix.

**Figure 4b** shows the location's large drilling/reserve pit to the north, the side walls of the excavation were taken to the nor until plastic, bentonite and cuttings were found. The well utilities that could be safely relocated such as the electrical, the tank load outs, and the flare header were temporarily rerouted across the pit to facilitate the remedial excavation. Geo referenced photos of the area by AEA's field staff can be found in the appendix.

**Figure 4c** shows the northern and eastern extent of the pit. The pit extends north of the lease road to the sample locations Pit 3-4. Both plastic and cuttings were found by AEA Geologist to the south of the sample points. At first AEA believed the pit stopped west of the north-south lease road, but further excavation on the east side of the lease road found plastic, and bentonite or drilling mud at approximately two (2) to two and a half (2.5) feet. Geo referenced photos of the findings by AEA's field Geologist can be found in the appendix.

## 4.0 Revegetation and Restoration

The area soils are not classified as "sensitive by the NRCS" and are classified as very slightly saline. The areas disturbed by the excavations or grading work performed by the AEA and its sub-contractors shall include revegetation as specified in the NMDOT Standard Specifications for Highway and Bridge Construction Section 632 'Seeding'. AEA has reseeded all areas which were denuded with vegetation during the facility's remedial excavation operations.

The reseeding work by 3R is subject to inspection and acceptance by the NMSLO staff. To reduce maintenance from erosion caused by unprotected soils and the spread of noxious weeds harmful to New Mexico agriculture.

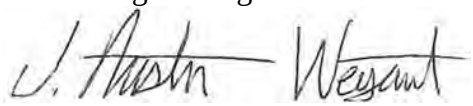
- all backfilled topsoil was sourced from a neighbor pit within the Reagan-Upton groups.
- The area was irrigated with less than 1000ppm TDS and less than 250 ppm Cl water sourced from Thunder Run.
- A slope of 0-3 percent was restored to match the area contours and the area was reseeded using NMSLO (LOAMY (L) SITES SEED MIXTURE) at double the published rates to accommodate for the use of hydroseeding.
- AEA also appled soil tackifier at NMDOT recommended rate of 100bs per acre to prevent erosion based on NMDOT Materials Quantities sheet in the appendix.
- AEA has a NMDA licensed applicator and will conduct invasive weed removal/spray event the following spring to insure no noxious or invasive weeds are present in the revegetation areas.

## 5.0 Variance and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this closure report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Austin Weyant at 575-626-3993

Submitted by:
Atkins Engineering Associates INC



Austin Weyant
Geoscientist

**ATTACHMENTS:**

**Tables:**

Table 1: NMOCD Closure Criteria

Table 2: Closure Sample Summary

**Figures:**

Figure 1: EM Conductivity Survey and vicinity and site location
Figure 1a: Release area map
Figure 1b: Site and Sample Location Map
Figure 2a-b: Setback Radius Map
Figure 3: Area Cave and Karst Resource Inventory
Figure 4: Utilities map
Figure 4a-c: Deferral Areas map
Figure 5: Reclamation Area map

**Appendices:**

Appendix A: Form C141
Appendix B: Lab Data
Appendix C: Geo referenced Photos

Table 1:
NMOCD Closure Criteria



| Site Information (19.15.29.11.A(2, 3, and 4) NMAC) | | Source/Notes | |
|---|---|---|---|
| **Depth to Groundwater (feet bgs)** | | 245ft | NMOCD Logs |
| **Hortizontal Distance From All Water Sources Within 1/2 Mile (ft)** | | .5 miles | Well C2382 C2393 |
| **Hortizontal Distance to Nearest Significant Watercourse (ft)** | | 1.5 miles | Dark Canyon Draw |

| Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC) | | | | | | |
|---|---|---|---|---|---|---|
| **Depth to Groundwater** | | **Closure Criteria (units in mg/kg)** | | | | |
| | | **Chloride** *numerical limit or background, whichever is greater | **TPH** | **GRO + DRO** | **BTEX** | **Benzene** |
| < 50' BGS | | 600 | 100 | | 50 | 10 |
| 51' to 100' | | 10000 | 2500 | 1000 | 50 | 10 |
| >100' | 245 | 20000 | 2500 | 1000 | 50 | 10 |
| **Surface Water** | **yes or no** | **if yes, then** | | | | |
| <300' from continuously flowing watercourse or other significant watercourse? | no | 600 | 100 | | 50 | 10 |
| <200' from lakebed, sinkhole or playa lake? | no | | | | | |
| **Water Well or Water Source** | | | | | | |
| <500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes? | no | | | | | |
| <1000' from fresh water well or spring? | no | | | | | |
| **Human and Other Areas** | | | | | | |
| <300' from an occupied permanent residence, school, hospital, institution or church? | **no** | | | | | |
| within incorporated municipal boundaries or within a defined municipal fresh water well field? | no | | | | | |
| <100' from wetland? | no | | | | | |
| within area overlying a subsurface mine | no | | | | | |
| within an unstable area? | no | | | | | |
| within a 100-year floodplain? | no | | | | | |

AEA #

Table 2:
Summary of Sample Results



| Sample ID | Sample Date | Depth (feet bgs) | Description | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | **Total TPH** mg/Kg | Cl- Field mg/Kg | Cl- mg/Kg | BTEX mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| NMOCD 19.15.29 Guidance | | | | | | | 2500 | 600 | 600/20000 | 50 |
| DPT1-1' | 9/20/2023 | 0-2 | excavated | -- | -- | -- | -- | 20144 | -- | -- |
| DPT1- 2-4 | 9/20/2023 | 2-4 | excavated | -- | -- | -- | -- | 8775 | -- | -- |
| DPT1- 4-4.5 | 9/20/2023 | 4-4.5 | insitu/rock | -- | -- | -- | -- | 130 | -- | -- |
| DPT1-4' | 6/6/2024 | 4 | insitu/rock | <20 | <25 | <50 | <100 | | 582 | <0.100 |
| DPT2- 0-2' | 9/20/2023 | 0-2 | excavated | -- | -- | -- | -- | 3064 | | -- |
| DPT2- 2-4' | 9/20/2023 | 2-4 | excavated | -- | -- | -- | -- | 1694 | | -- |
| DPT2-6' | 6/6/2024 | 6 | insitu/rock | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| DPT-3 0-2 | 9/20/2023 | 0-2 | excavated | -- | -- | -- | -- | 1100 | | -- |
| DPT-3 2-4 | 9/20/2023 | 2-4 | excavated | -- | -- | -- | -- | 815 | | -- |
| DPT-3 4-5 | 9/20/2023 | 4-5 | insitu/rock | -- | -- | -- | -- | 221 | | -- |
| DPT3-4' | 6/6/2024 | 4 | insitu/rock | <20 | <25 | <50 | <100 | | 299 | <0.100 |
| DPT-4 0-2' | 9/20/2023 | 0-2 | excavated | -- | -- | -- | -- | 1191 | | -- |
| DPT-4 2-4' | 9/20/2023 | 2-4 | insitu/rock | -- | -- | -- | -- | 221 | | -- |
| DPT5- 0-2' | 9/21/2023 | 0-2 | excavated | -- | -- | -- | -- | 1831 | | -- |
| DPT5-5' | 9/22/2023 | 2-4 | excavated | -- | -- | -- | -- | 7299 | | -- |
| DPT5-5' | 9/23/2023 | 4-5 | excavated | -- | -- | -- | -- | 1203 | | -- |
| DPT5-5' | 6/6/2024 | 5 | insitu/rock | <20 | <25 | <50 | <100 | | 606 | <0.100 |
| DPT5-5-6' | 9/23/2023 | 5-6 | insitu/rock | -- | -- | -- | -- | 221 | | -- |
| DPT6-0-2' | 9/23/2023 | 0-2 | insitu/pit | -- | -- | -- | -- | 3064 | | -- |
| DPT-6 2-4' | 9/23/2023 | 2-4 | insitu/pit | -- | -- | -- | -- | 1694 | | -- |
| DPT6 4' | 6/6/2024 | 4 | insitu/pit | <20 | <25 | <50 | <100 | | 4690 | <0.100 |
| DPT6 4-5' | 9/23/2023 | 4-5 | insitu/pit | -- | -- | -- | -- | 2379 | | -- |
| BH1-4.5' | 6/6/2024 | 5 | insitu | <20 | <25 | <50 | <100 | | 2100 | <0.100 |
| BH2-4.5' | 6/6/2024 | 5 | insitu | <20 | <25 | <50 | <100 | | 38.9 | <0.100 |
| BH3-4.5' | 6/6/2024 | 5 | insitu | <20 | <25 | <50 | <100 | | 1040 | <0.100 |
| BH5-2' | 6/6/2024 | 2 | insitu | <20 | <25 | <50 | <100 | | 4860 | <0.100 |
| BH5-3' | 6/6/2024 | 3 | insitu | <20 | <25 | <50 | <100 | | 3580 | <0.100 |
| BH6-2' | 6/6/2024 | 2 | insitu | <20 | <25 | <50 | <100 | | 166 | <0.100 |
| BH6-3' | 6/6/2024 | 3 | insitu | <20 | <25 | <50 | <100 | | 45.4 | <0.100 |
| BH7-2' | 6/6/2024 | 2 | insitu | <20 | <25 | <50 | <100 | | 1190 | <0.100 |
| BH7-3' | 6/6/2024 | 3 | insitu | <20 | <25 | <50 | <100 | | 721 | <0.100 |
| BH8-2' | 6/6/2024 | 2 | insitu | <20 | <25 | <50 | <100 | | 1640 | <0.100 |
| BH8-3' | 6/6/2024 | 3 | insitu | <20 | <25 | <50 | <100 | | 1700 | <0.100 |
| SW MMX1 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 289 | -- |
| SW MMX2 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 342 | -- |
| SW MMX3 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 76 | -- |
| SW MMX4 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 609 | -- |
| SW MMX5 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 152 | -- |
| SW MMX6 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 2150 | -- |
| SW MMX7 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 3920 | -- |
| SW MMX8 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 1808 | -- |
| SW MMX9 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 5915 | -- |
| SW MMX10 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 1808 | -- |
| SW MMX11 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 595 | -- |
| SW MMX12 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 389 | -- |
| SW MMX13 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 2265 | -- |
| SW MMX14 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 526 | -- |
| SP MMX15 | 3/4/2024 | 2 | insitu | -- | -- | -- | -- | | 7516 | -- |
| SP MMX16 | 3/4/2024 | 2 | insitu | -- | -- | -- | -- | | 8258 | -- |

"--" = Not Analyzed

Table 2a:
Closure Sample Summary of Sample Results



| Sample ID | Sample Date | Depth (feet bgs) | Description | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | **Total TPH** mg/Kg | Cl- Field mg/Kg | Cl- mg/Kg | BTEX mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| NMOCD 19.15.29 Guidance | | | | | | | 2500 | 600 | (SW)600/(C)20000 | 50 |
| SW1 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 10500 | <0.100 |
| SW2 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 113 | <0.100 |
| SW3 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 187 | <0.100 |
| SW4 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 107 | <0.100 |
| SW5 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 13200 | <0.100 |
| SW6 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 18100 | <0.100 |
| SW7 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 25200 | <0.100 |
| SW8 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 6020 | <0.100 |
| SW9 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 11100 | <0.100 |
| SW10 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 479 | <0.100 |
| SW11 | 7/22/2024 | 0-4 | sidewall | <20 | 52.2 | 68.1 | 120.3 | | 3320 | <0.100 |
| SW12 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 5480 | <0.100 |
| SW13 | 7/22/2024 | 0-4 | sidewall | <20 | 148 | 115 | 263 | | 11000 | <0.100 |
| SW14 | 7/22/2024 | 0-4 | sidewall | <20 | <25 | <50 | <100 | | 14600 | <0.100 |
| PIT 1 | 7/22/2024 | surface | pit surface | <20 | <25 | <50 | <100 | | 6560 | <0.100 |
| PIT 2 | 7/22/2024 | surface | pit surface | <20 | <25 | <50 | <100 | | 17400 | <0.100 |
| PIT 3 | 7/22/2024 | surface | pit surface | <20 | <25 | <50 | <100 | | 43.6 | <0.100 |
| PIT 4 | 7/22/2024 | surface | pit surface | <20 | <25 | <50 | <100 | | 22.2 | <0.100 |
| C1 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 1890 | <0.100 |
| C2 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 34.7 | <0.100 |
| C3 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 351 | <0.100 |
| C4 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 371 | <0.100 |
| C5 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 240 | <0.100 |
| C6 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 846 | <0.100 |
| C7 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 63.2 | <0.100 |
| C8 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 109 | <0.100 |
| C9 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 92.8 | <0.100 |
| C10 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 321 | <0.100 |
| C11 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 251 | <0.100 |
| C12 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 35.3 | <0.100 |
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| C15 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 21 | <0.100 |
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| C18 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 123 | <0.100 |
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| C24 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2450 | <0.100 |
| C25 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 5830 | <0.100 |
| C26 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 12700 | <0.100 |
| C27 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 3190 | <0.100 |
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| C37 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 277 | <0.100 |
| C38 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 1380 | <0.100 |
| C39 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2220 | <0.100 |
| C40 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 603 | <0.100 |
| C41 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 3620 | <0.100 |
| C42 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 49.7 | <0.100 |
| C43 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2950 | <0.100 |
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| C48 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2000 | <0.100 |
| C49 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2340 | <0.100 |
| C50 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 3160 | <0.100 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| C51 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 4160 | <0.100 |
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| C54 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 3540 | <0.100 |
| C55 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2400 | <0.100 |
| C56 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 700 | <0.100 |
| C57 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 1320 | <0.100 |
| C58 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 6430 | <0.100 |
| SP1 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 24.7 | <0.100 |
| SP2 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| SP3 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 26.9 | <0.100 |
| SP4 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 28 | <0.100 |
| SP5 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 316 | <0.100 |
| SP6 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 288 | <0.100 |
| SP7 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 135 | <0.100 |
| SP8 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 25.7 | <0.100 |
| SP9 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 864 | <0.100 |
| SP10 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 657 | <0.100 |
| SP11 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 1180 | <0.100 |
| SP12 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 1440 | <0.100 |
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| SP15 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2000 | <0.100 |
| SP16 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 373 | <0.100 |
| SP17 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 802 | <0.100 |
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| SP30 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 260 | <0.100 |
| SP31 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2210 | <0.100 |
| SP32 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 1470 | <0.100 |
| SP33 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 3750 | <0.100 |
| SP34 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2530 | <0.100 |
| SP35 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 247 | <0.100 |
| SP36 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 2360 | <0.100 |
| SP37 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 1340 | <0.100 |
| SP38 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 325 | <0.100 |
| SP39 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 3160 | <0.100 |
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| SP45 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 425 | <0.100 |
| SP46 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 820 | <0.100 |
| SP47 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 1770 | <0.100 |
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| SP51 | 8/22/2024 | 4 | SW insitu | <20 | <25 | <50 | <100 | | 22.8 | <0.100 |
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| SP54 | 8/22/2024 | 4 | SW insitu | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| SP55 | 8/22/2024 | 4 | SW insitu | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| SP56 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 108 | <0.100 |
| SP57 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| SP58 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| SP59 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| SP60 | 8/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| C80 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 965 | <0.100 |
| C81 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 894 | <0.100 |
| C82 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 683 | <0.100 |
| C83 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 9140 | <0.100 |
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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| C85 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 12200 | <0.100 |
| C86 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 8260 | <0.100 |
| C87 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 14600 | <0.100 |
| C88 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 6480 | <0.100 |
| C89 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 7830 | <0.100 |
| C90 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 582 | <0.100 |
| C91 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 582 | <0.100 |
| C92 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 582 | <0.100 |
| C93 | 7/22/2024 | 4 | insitu | <20 | <25 | <50 | <100 | | 582 | <0.100 |
| "--" = Not Analyzed | | | | | | | | | | |

# FIGURES

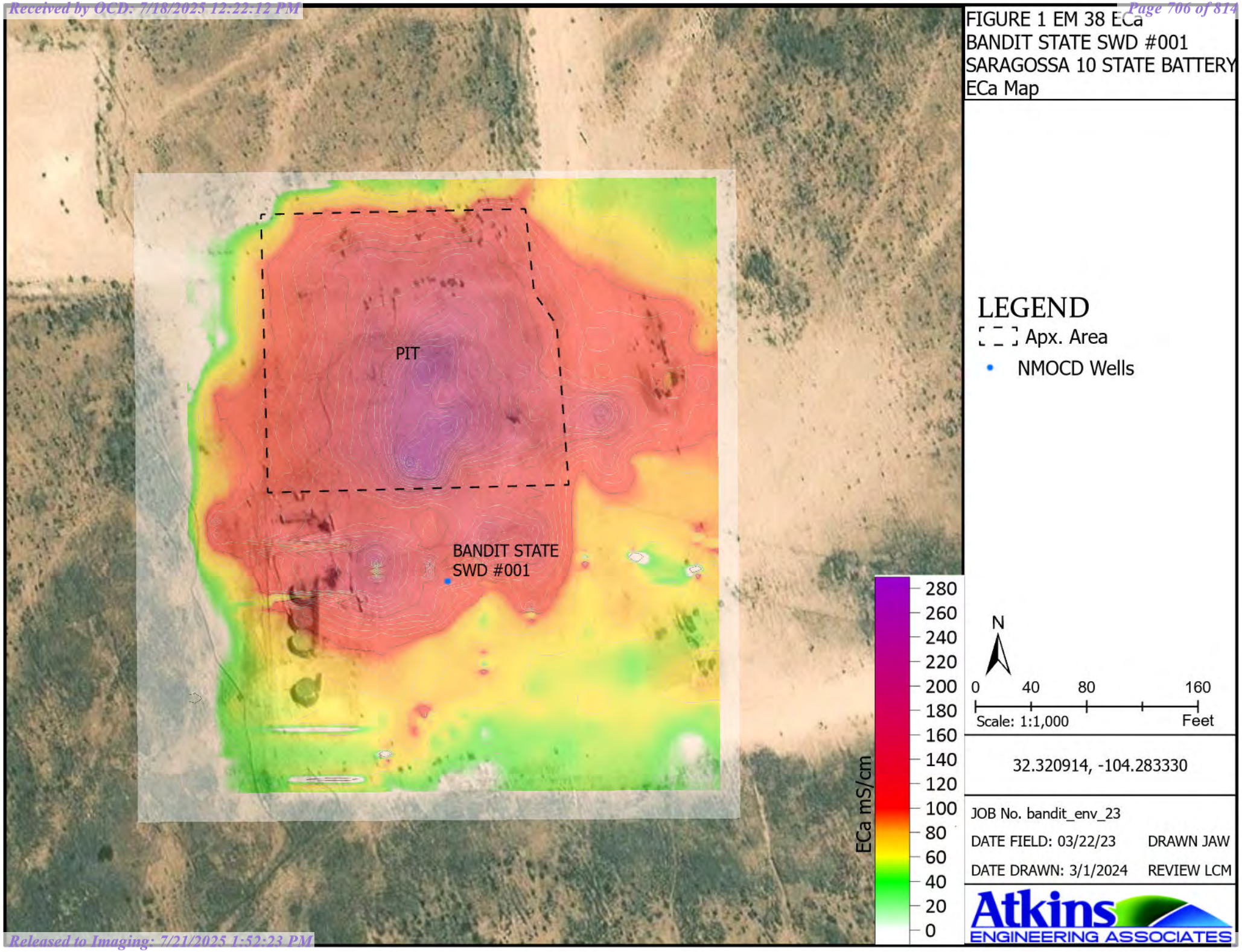



FIGURE 1 EM 38 ECa
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY
ECa Map

LEGEND

- Apx. Area
- NMOCD Wells

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 03/22/23 DRAWN JAW

DATE DRAWN: 3/1/2024 REVIEW LCM

Atkins ENGINEERING ASSOCIATES

FIGURE 1a Release Area
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY

LEGEND

- Apx. Area
- NMOCD Wells

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 03/22/23 DRAWN JAW

DATE DRAWN: 3/1/2024 REVIEW LCM

Atkins ENGINEERING ASSOCIATES

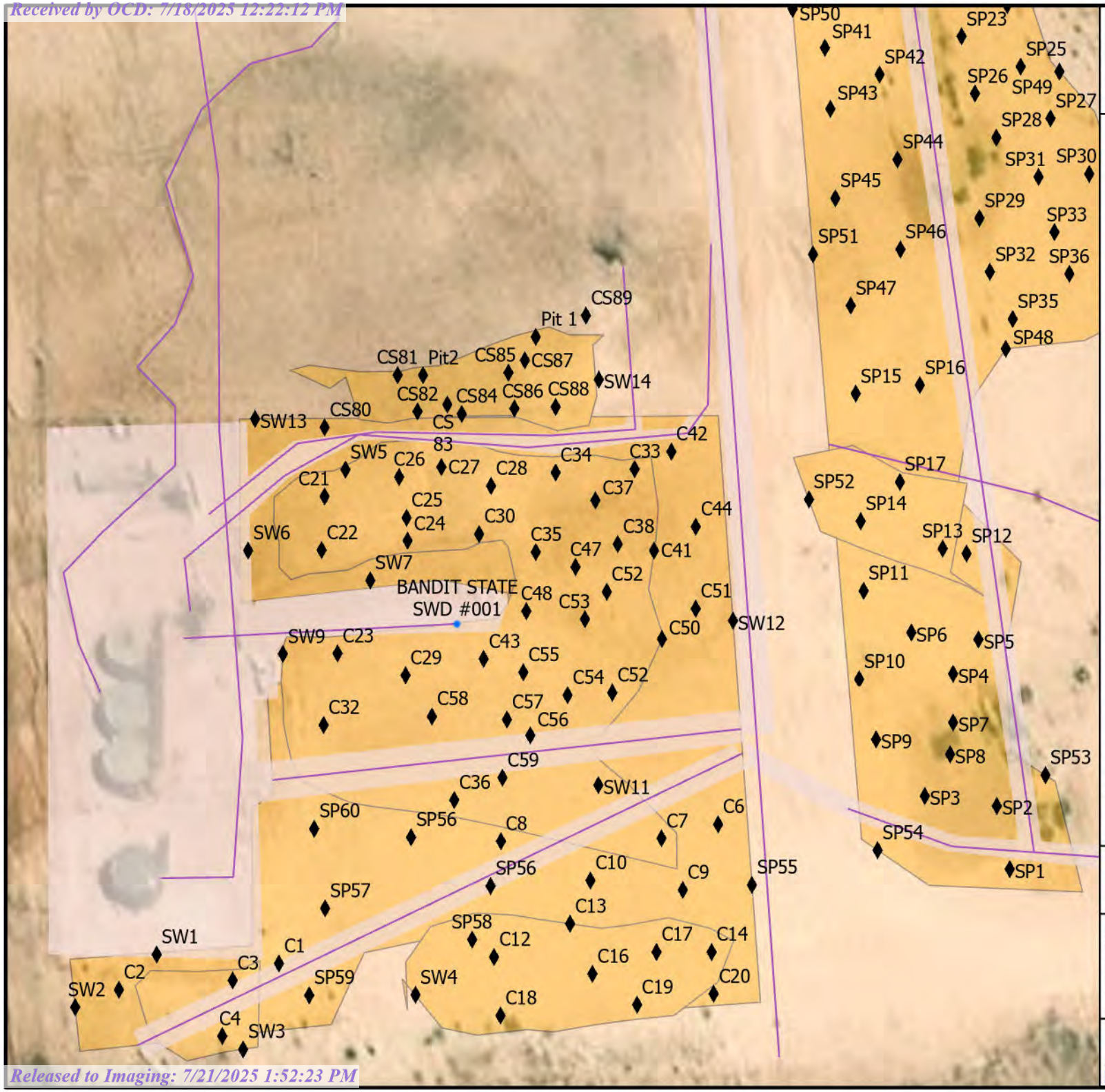



FIGURE 1b
Closure Sample Map
BANDIT STATE #1 SWD

LEGEND

- Excavation Area
- NMOCD Wells
- Closure Sample Location
- Pipeline
- Deferral_Area

N

0 20 40 80

Scale: 1:500 Feet

BANDIT STATE #1 SWD

JOB No. bandit_env_23

DATE FIELD: 11/07/2023 DRAWN LCM

DATE DRAWN: 10/21/2024 REVIEW JAW

Atkins ENGINEERING ASSOCIATES

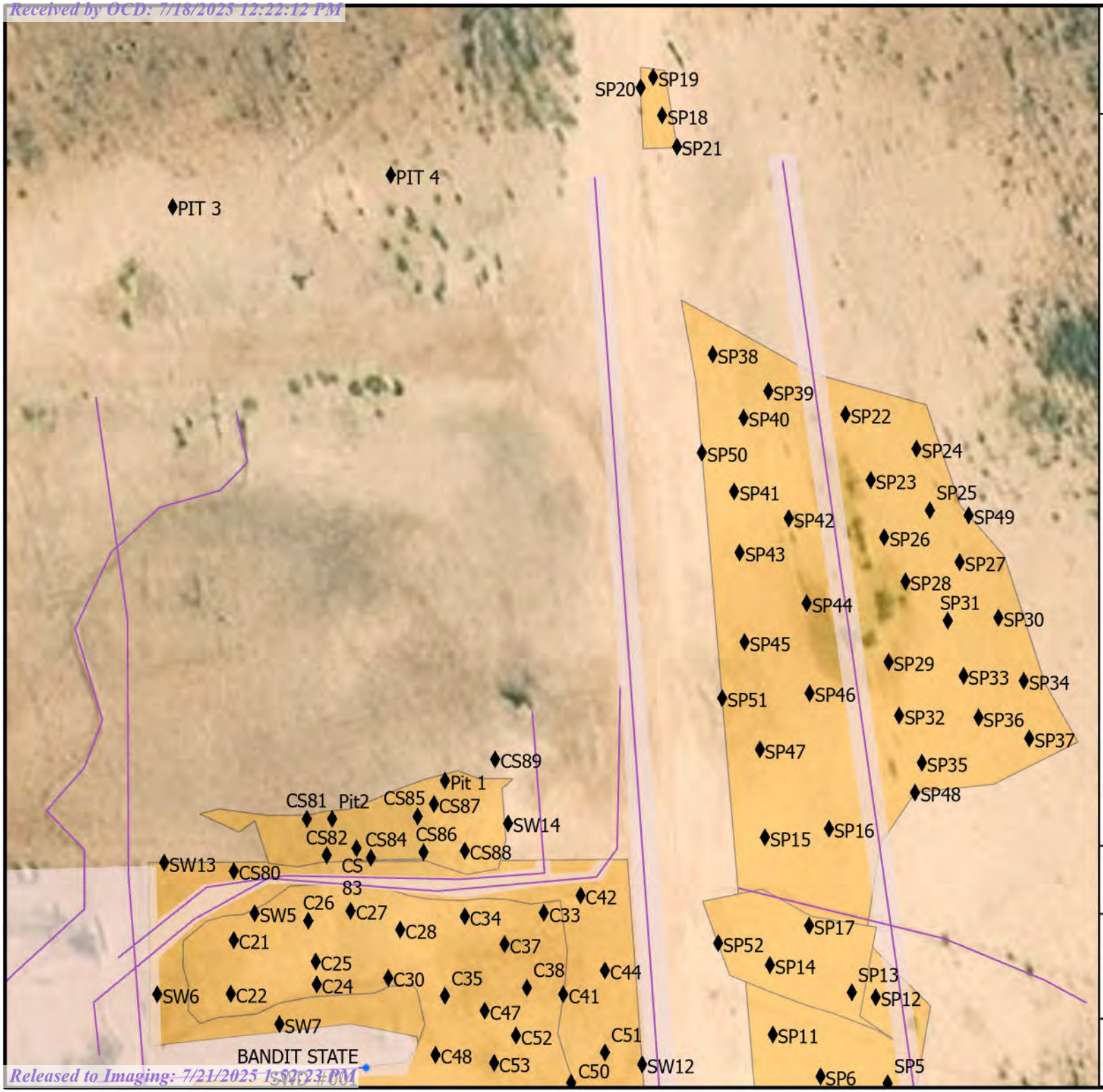



FIGURE 1c
Closure Sample Map
BANDIT STATE #1 SWD

LEGEND

- Excavation Area
- NMOCD Wells
- Closure Sample Location
- Pipeline
- Deferral_Area

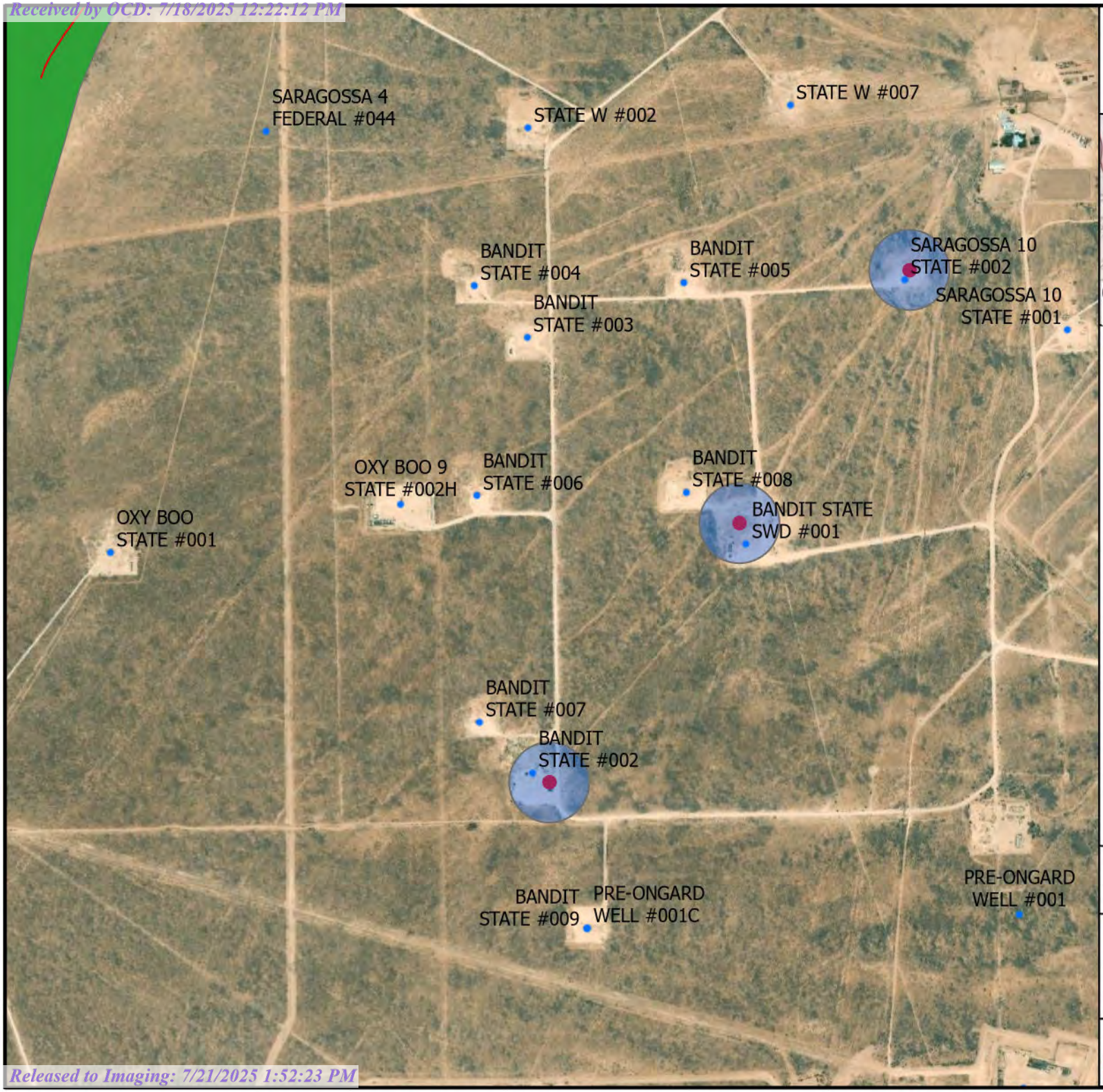
N

0 20 40 80
Scale: 1:500 Feet

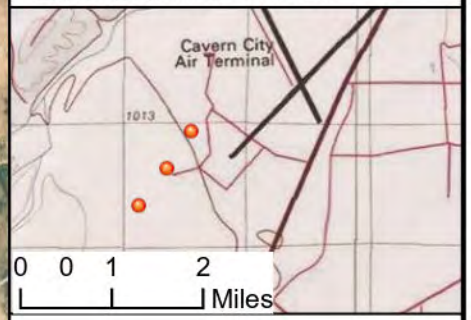
BANDIT STATE #1 SWD

JOB No. bandit_env_23
DATE FIELD: 11/07/2023 DRAWN LCM
DATE DRAWN: 10/21/2024 REVIEW JAW

Atkins ENGINEERING ASSOCIATES




# FIGURE 2
# Hydrology Setbacks
# Bandit #1 SWD




## LEGEND

- Release Point
- Lakes_Playas
- Springs_Seeps
- Streams_Canals
- Flowlines_SENM
- FEMA_Flood_Zones_2011
- NMOCD Wells
- ReleasePoint_Buffer3

N

0 420 840 1,680
Scale: 1:10,000 Feet

BANDIT STATE #1
SARAGOSSA BATT

DRAWN LCM

DATE DRAWN: 3/13/2024 REVIEW JAW

Atkins
ENGINEERING ASSOCIATES

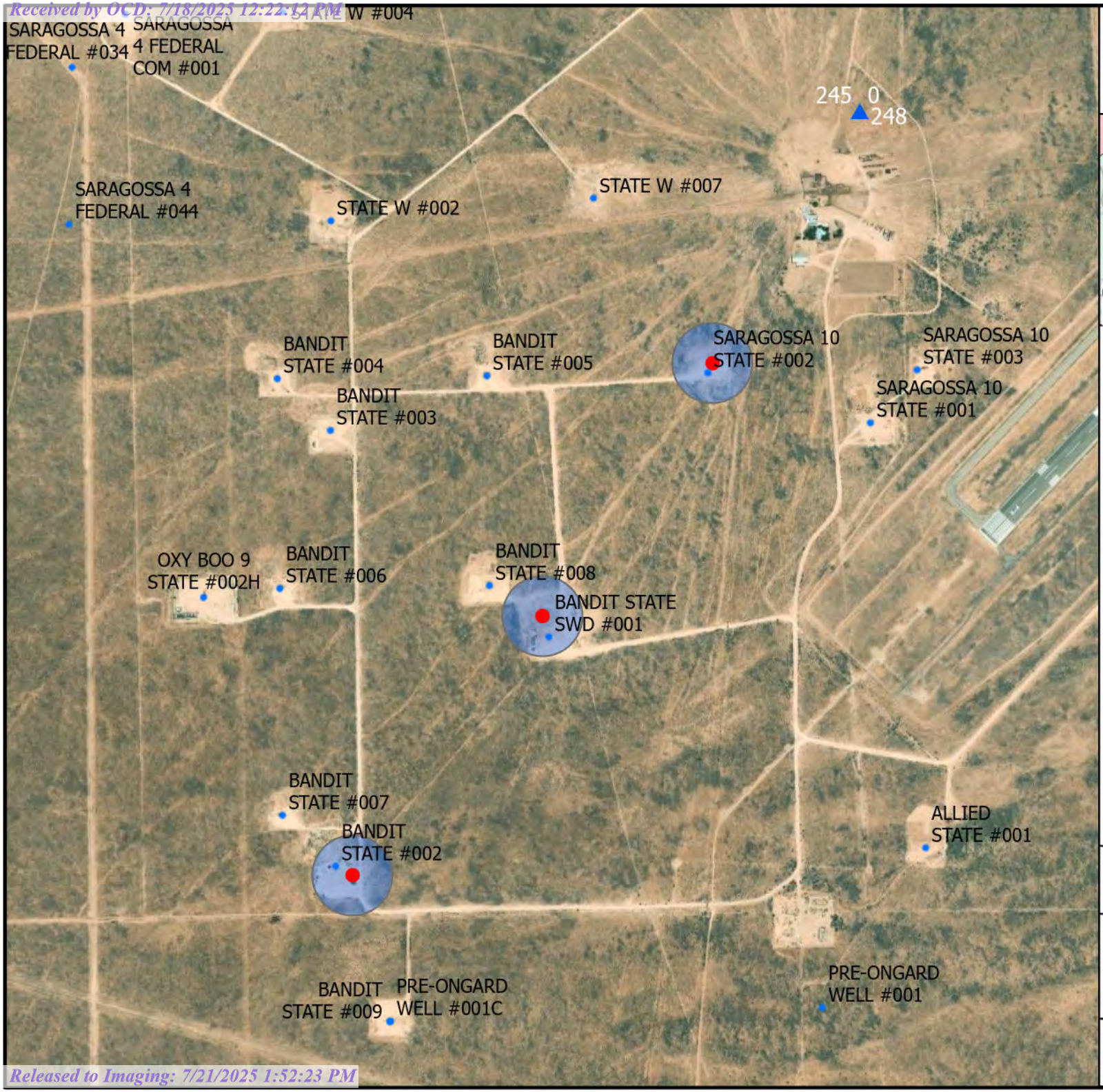
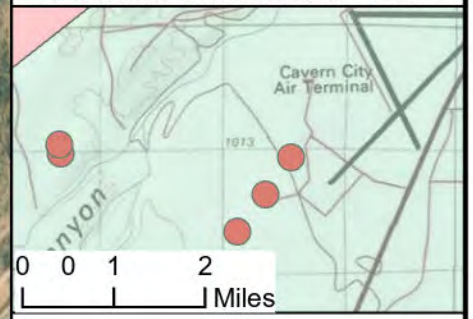



FIGURE 2b
Karst and NMOSE PODs
BANDIT STATE #1 SWD




## LEGEND

- KarstOccurrence
- CriticalKarstZone
- Release Point
- OSE_Points_of_Diversion
- NMOCD Wells
- ReleasePoint_Buffer2

N

0 420 840 1,680
Scale: 1:10,000 Feet

BANDIT STATE #1 SWD

JOB No. bandit_env_23
DATE FIELD: 11/07/2023 DRAWN LCM
DATE DRAWN: 3/13/2024 REVIEW JAW

Atkins ENGINEERING ASSOCIATES

Figure #3 Area Cave and Karst Resource Inventory

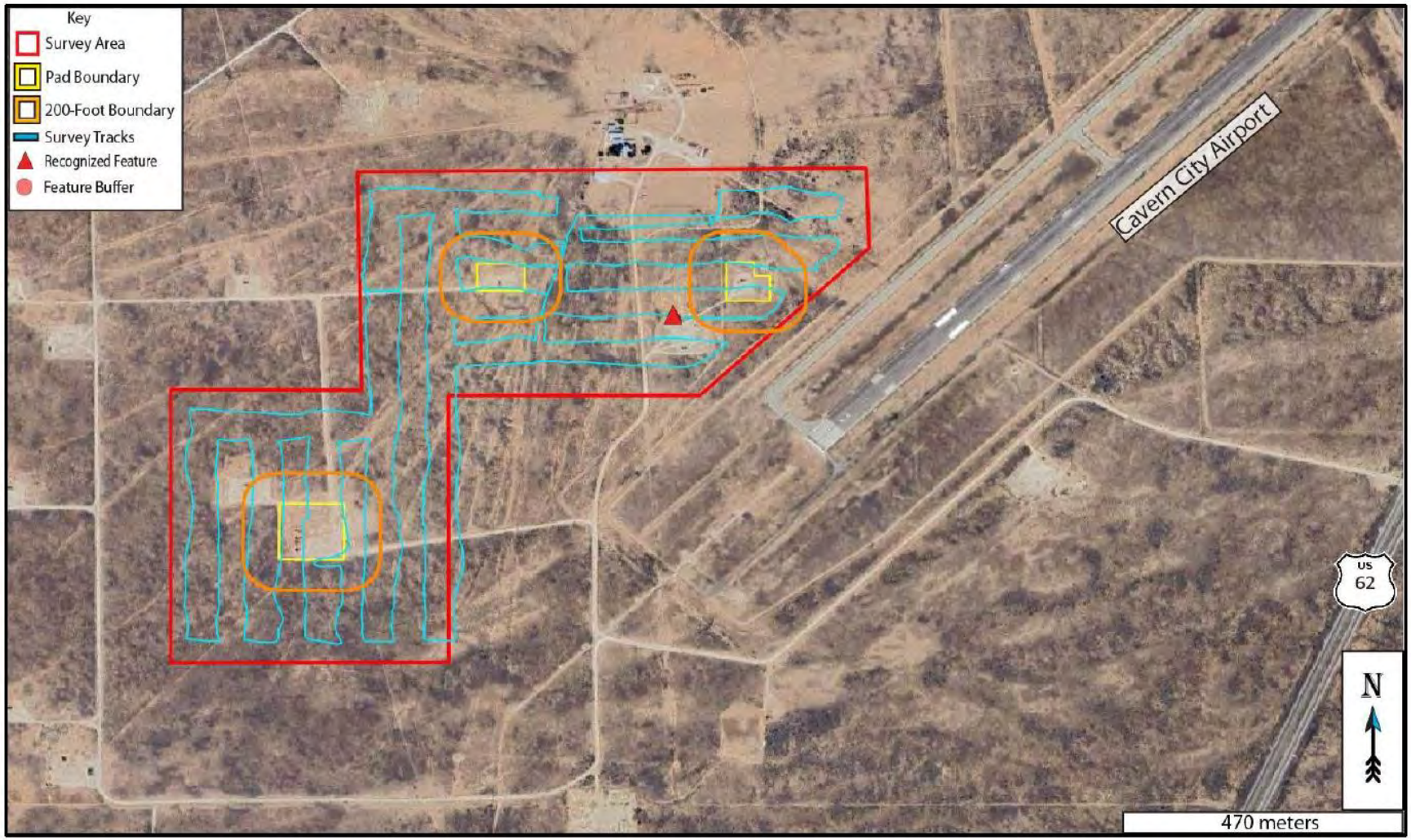



**Figure 4: Survey overview. Red polygon is the study area. Blue wavy lines are the actual survey lines walked by Decker. Red triangle is the located karst feature. Red translucent circle is the buffer zone for the karst features (10 meters in diameter for this feature, hidden beneath the feature symbol in the image). See accompanying data files ATKE-002-20240312_SARG_Data_Files for more details. Background image credit: Google Earth. Image date: April 15, 2023. Datum: WGS-84.**

FIGURE 4a
Deferral Request SW
BANDIT STATE #1 SWD

LEGEND

- Excavation Area
- NMOCD Wells
- Closure Sample Location
- Pipeline
- Deferral_Area

N

0 10 20 40
Scale: 1:250 Feet

BANDIT STATE #1 SWD

JOB No. bandit_env_23
DATE FIELD: 11/07/2023 DRAWN LCM
DATE DRAWN: 10/21/2024 REVIEW JAW

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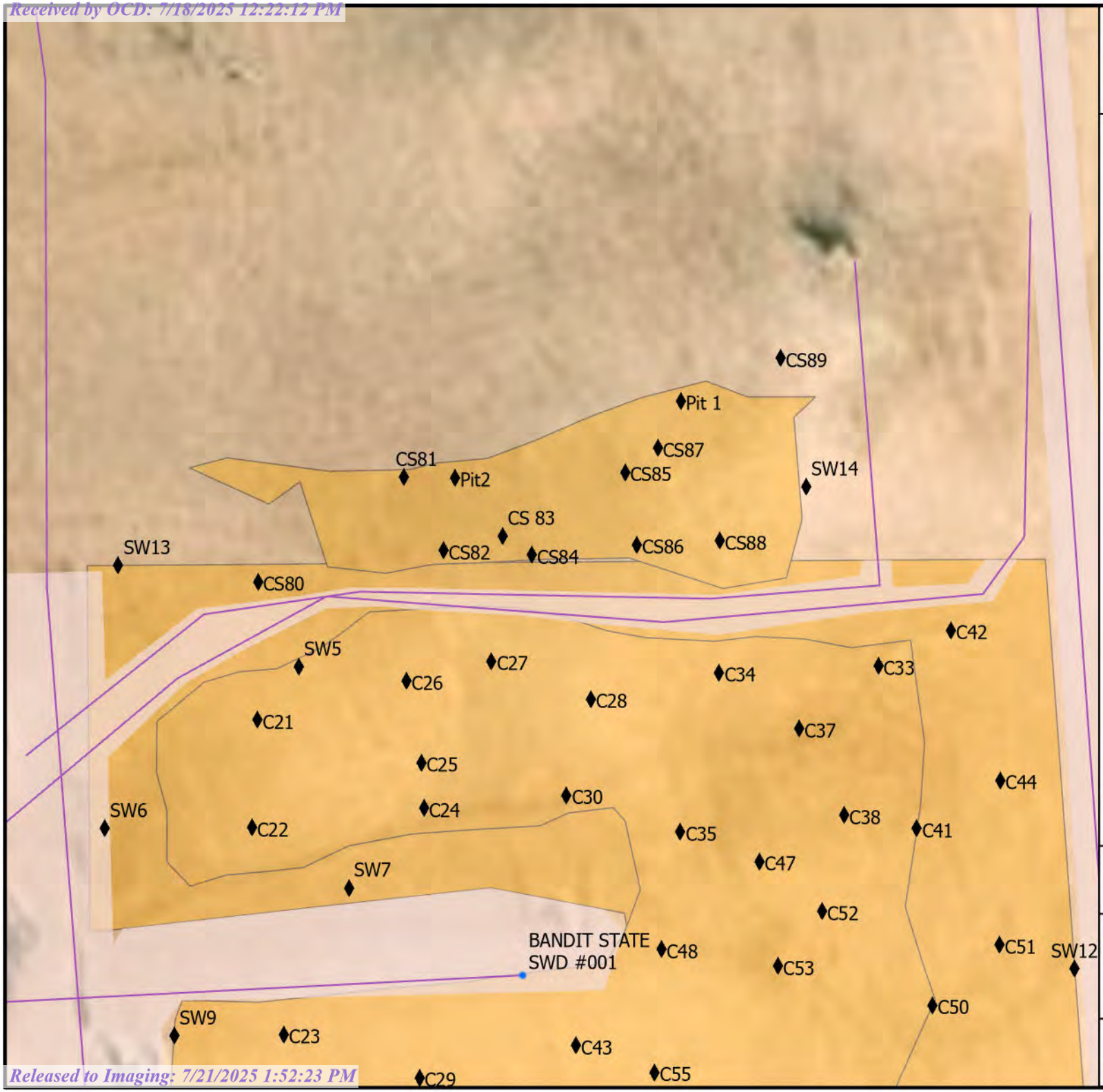


FIGURE 4a
Deferral Request SW
BANDIT STATE #1 SWD

LEGEND

- Excavation Area
- NMOCD Wells
- Closure Sample Location
- Pipeline
- Deferral_Area

N

0 10 20 40
Scale: 1:250 Feet

BANDIT STATE #1 SWD

JOB No. bandit_env_23
DATE FIELD: 11/07/2023 DRAWN LCM
DATE DRAWN: 10/21/2024 REVIEW JAW

Atkins ENGINEERING ASSOCIATES

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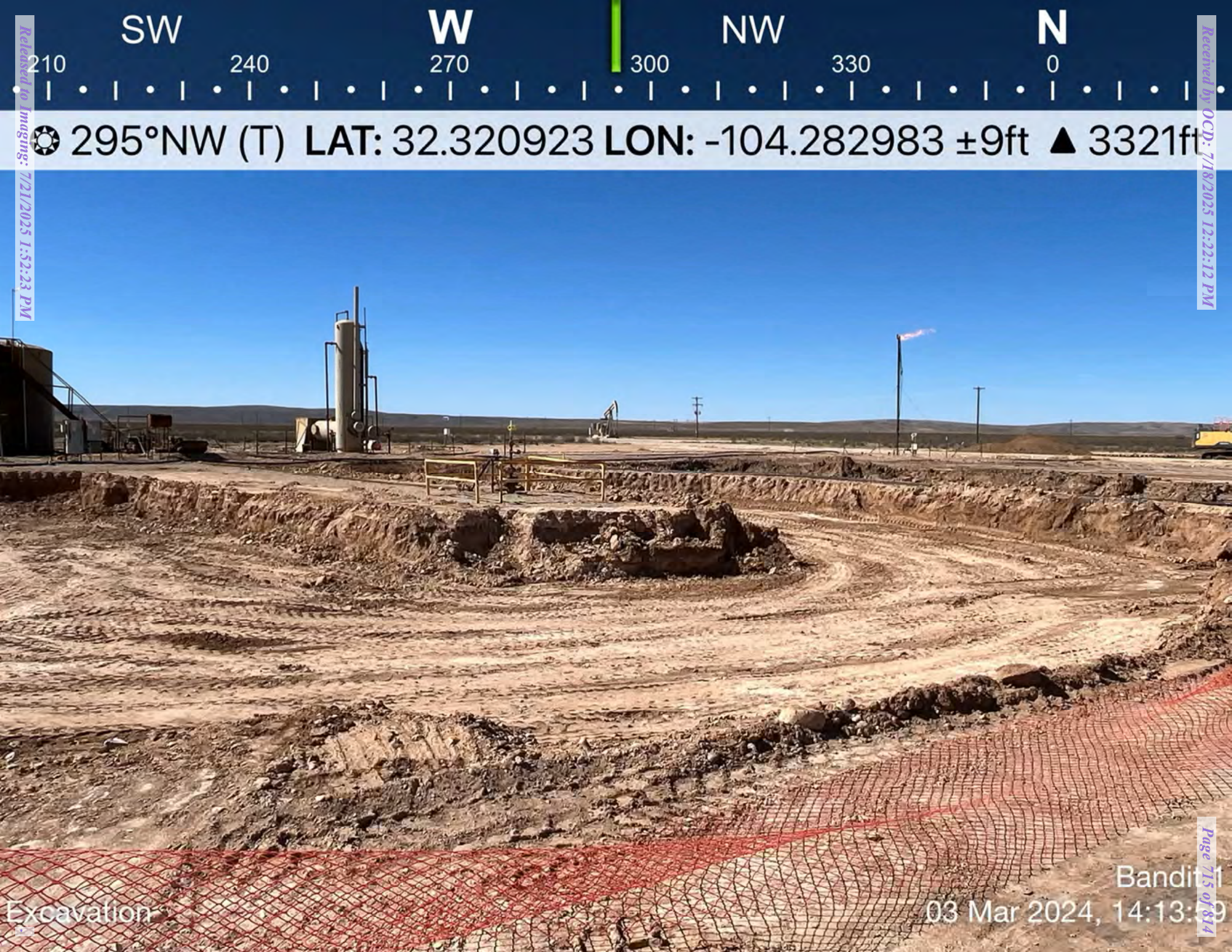
Received by OCD: 7/18/2025 12:22:12 PM



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NW 330 N 0 30 NE 60 E 90 120

37°NE (T) **LAT:** 32.320729 **LON:** -104.283347 ±13ft ▲ 3321ft

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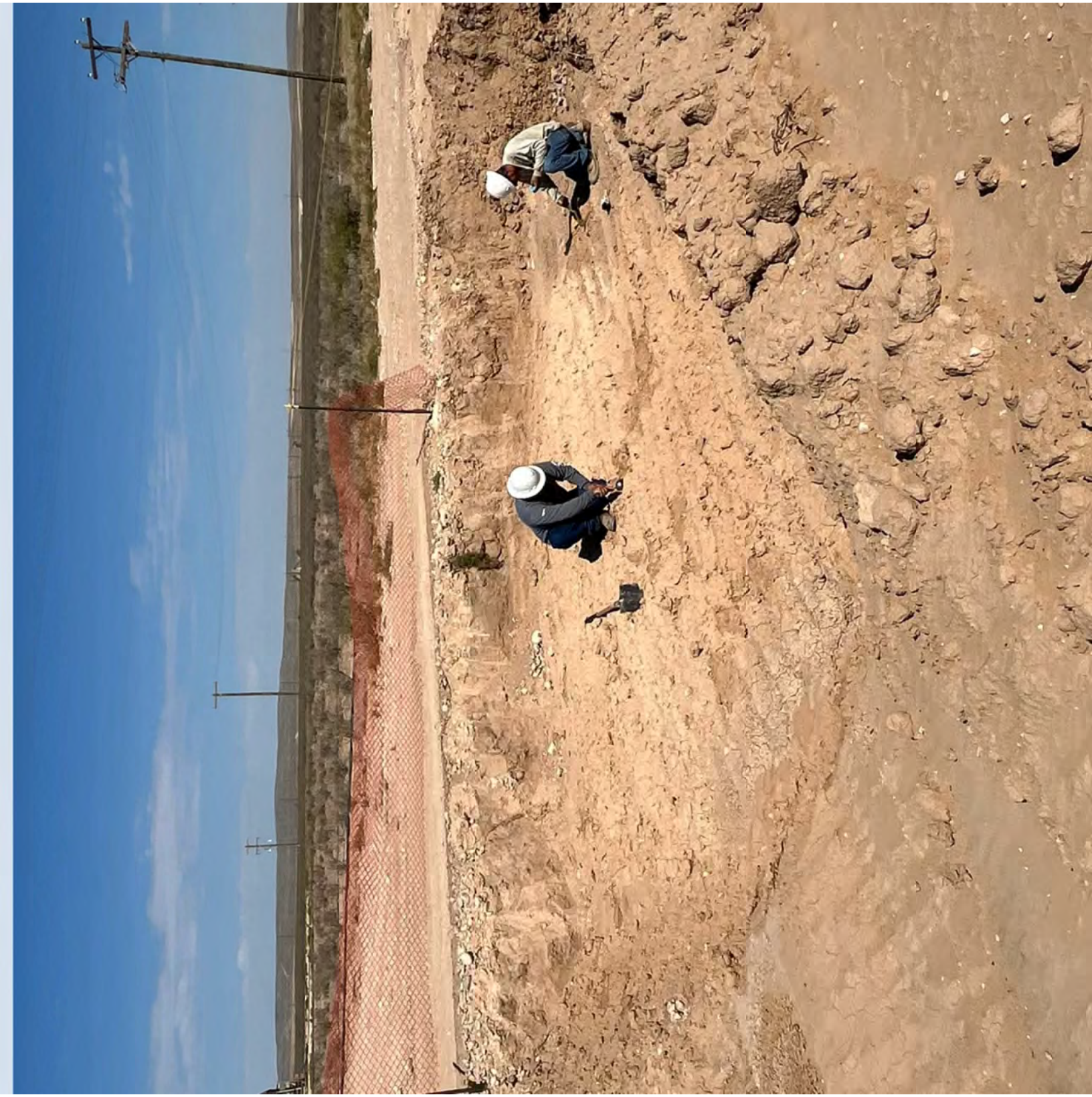

to fresh water

### Nature and Volume of Release

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

| | |
|---|---|
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: **Other** \| Valve \| Produced Water \| Released: 75 BBL \| Recovered: 0 BBL \| Lost: 75 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Cause: Human Error \| Water Tank \| Condensate \| Released: 220 BBL \| Recovered: 70 BBL \| Lost: 150 BBL. |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there **additional details** for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

### Nature and Volume of Release (continued)

| | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | **No, according to supplied volumes this does not appear to be a "gas only" report.** |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | **Yes** |
| Reasons why this would be considered a submission for a notification of a major release | **From paragraph A. "Major release" determine using:**<br>**(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.** |

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

### Initial Response

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

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

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follo 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 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 f 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 shc 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 do 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: Lauren Franco<br>Email: lfranco@3roperating.com<br>Date: 12/05/2024 |

### Site Characterization

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

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| 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 ½ and 1 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Greater than 5 (mi.) |

| | |
|---|---|
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Between 1 and 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Medium |
| 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 |

*Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.*

| | |
|---|---|
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | Yes |

*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 anticipa beginning and completing the remediation.*

| | |
|---|---|
| On what estimated date will the remediation commence | 06/06/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 06/06/2024 |
| On what date will (or was) the remediation complete(d) | 06/06/2024 |
| What is the estimated surface area (in square feet) that will be remediated | 20000 |
| What is the estimated volume (in cubic yards) that will be remediated | 3500 |

*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 ren then it should consult with the division to determine if another remediation plan submission is required.*

### 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.)*

| | |
|---|---|
| Is (or was) there affected material present needing to be removed | Yes |
| Is (or was) there a power wash of the lined containment area (to be) performed | Yes |
| 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 anticipa 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 f 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 shc 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 do 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: Lauren Franco<br>Email: lfranco@3roperating.com<br>Date: 12/05/2024 |

*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 ren then it should consult with the division to determine if another remediation plan submission is required.*

### Liner Inspection Information

| | |
|---|---|
| Last liner inspection notification (C-141L) recorded | ***{Unavailable.}*** |
| Was all the impacted materials removed from the liner | *Unavailable.* |

### Remediation Closure Request

| | |
|---|---|
| What was the total volume (cubic yards) remediated | 7416 |
| Summarize any additional remediation activities not included by answers (above) | NA well covered in report |

*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 .pd 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*

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 f 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 shc 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 do 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 i 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: Lauren Franco<br>Email: lfranco@3roperating.com<br>Date: 12/05/2024 |

## Acknowledgments

This submission type does not have acknowledgments, at this time.

## Comments

No comments found for this submission.

## Conditions

No conditions found for this submission.

## Reasons

**Summary:**

*bhall (12/16/2024),* Remediation closure report denied. Please be advised that the remediation plan was also denied as it was submitted incorrectly.

*bhall (12/16/2024),* The attached closure report includes a "deferral requested areas" section. Please review the Digital C-141 guidance documents which can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/ in order to correctly submit a deferral request. Closure will not be granted to any release that is not completely remediated and contamination is left in place.

*bhall (12/16/2024),* Additionally, OCD reviews deferrals on a case-by-case basis. Major facility deconstruction typically involves concrete poured pads, structures, engineered designed facilities that include automation/electrical lines, sprayed in liners, etc. Poly surface lines do not constitute for a deferral and contamination around and under poly surface lines must be remediated.

*bhall (12/16/2024),* Areas requested for deferral must be fully delineated. No samples were collected from in and around the battery to show that this area has been delineated Deferrals will not be granted in the pasture area adjacent to the site or on the lease road.

*bhall (12/16/2024),* Attached report states "AEA collected confirmation samples, representing no more than 200 ft2 as specified in the NMOCD denial". A total of 124 base samples were collected which is 86 samples short for a 42,000 sq ft excavation.

*bhall (12/16/2024),* Based on the samples with "SW" (sidewall) descriptions, 22 sidewall samples were collected. OCD calculated that at least 70 sidewall samples were required to meet the confirmation/final sampling requirement of 5-point composite samples representative of no more than 200 square feet must be collected from the walls and base of the excavation pursuant to 19.15.29.12D.(1)(c) NMAC and the statement in the report.

*bhall (12/16/2024),* SW8 and SP55 are not illustrated on the included maps

*bhall (12/16/2024),* SP1 through SP60 were indicated as outside of hold time for TPH (DRO,GRO, and ORO) and BTEX by the analytical laboratory. These samples will not be accepted as confirmation/final samples.

*bhall (12/17/2024),* The contamination found at the location of the historic drilling pit must be fully delineated, both horizontally and vertically. As the pit is in an area not reasonably needed for production or subsequent drilling activities, the upper 4 feet must be reclaimed and revegetated pursuant to 19.15.29.13 NMAC.

The responsible party may request a variance from this requirement upon a showing of good cause as determined by the division." Proper two business day notification wa not given. The C-141N was submitted on 8/20/2024 for sampling to be completed on 8/23/2024. All samples submitted as confirmation/final samples were collected prior to 8/23/2024.

*bhall (12/17/2024),* Include documentation of the field verification of the depth to groundwater in the next submittal.

*bhall (12/17/2024),* Numerous analytical results listed on the table for DRO, ORO, and TPH are incorrect. For example, the laboratory returned results of 46.3 m/kg DRO, 54.9 mg/kg, and 101.2 mg/kg TPH for C21.

*bhall (12/17/2024),* Laboratory analytical reports include results for sample C59 which is not on the table or map.

*bhall (12/17/2024),* Laboratory analytical reports were not included for samples C90-C93.

*bhall (12/17/2024),* Submit a complete and accurate report through the OCD Permitting website by 3/21/2025.

Go Back

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1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

# Remediation Workplan

**May 30, 2024 Historical Contractor**

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

May 30, 2024

#BanditSWD_env_23

**3R Operating, LLC**
**4000 North Big Spring-Suite 210 Midland, TX 79705**
**Attn: Randy Ferrell**

SUBJECT: Remediation Work Plan for the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY Release (nAB1922139305), (nAB1921736522), (nJMW1217334502), (nAPP2319437518) and (NAPP2320640601**)** Eddy County, New Mexico

Dear Mr. Anderson,

On behalf of Atkins Engineering Associates INC. (AEA) has prepared this site assessment, field delineation and remediation proposal. Prior communication with the division on the location was for remedial time extension, but due to events out of AEAs control going for straight for remedial closure is no longer applicable. To quickly delineate the multiple releases of liquids related to oil and gas production activities at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY AEA used ***Visual Sample Plan Version 6.0*** (VSP) to define a confidence interval of 90% and sample plan design coupled with an Electromagnetic survey to accurately define the parameters or horizontal boundaries of the soil investigation. The site is in Unit F, Section 10, Township 23S, Range 26E, Eddy County, New Mexico, on State land.

*Table 1: summarizes release information and Site Criteria*

| **Table 1: Release Information and Closure Criteria** | | | |
|---|---|---|---|
| Name | BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY | Company | Read & Stevens / 3R Operating |
| API Number | 30-015-21071 | Location | 32.320914, -104.283330 |
| Incident Number | (nAB1922139305), (nAB1921736522), (nJMW1217334502), (nAPP2319437518) and (NAPP2320640601**)** | | |
| Estimated Date of Release | 7/27/2019 – 7/13/2023 | Date Reported to NMOCD | 7/27/2019 – 7/13/2023 |
| Landowner | State | Reported To | NMOCD District 2 |
| Source of Release | Legacy releases from previous operator Read and Stevens OGRID (18917) and current | | |
| NMOCD Closure Criteria | >100 feet to groundwater | | |

## 1.0 Background

Atkins Engineering Associates Inc. (AEA) was retained by 3R Operating, LLC (3R) to complete an Environmental Liability Assessment (ELA) study of the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY former Read and Stevens oil and gas facilities acquired from Permian Resources Co. The purpose of this study was to identify, to the extent feasible, the environmental liability with respect to the assets located on the subject facilities and contiguous areas. As part of the ELA an Environmental & Administrative Orders search of the New Mexico Oil Conservation Division database was completed for the subject facilities area and then cross-referenced by operator. The search revealed three (3) Remediation Permits issued to the previous owner and/or operator. According to NMOCD documentation initial response activities were conducted by the pervious operator, and included source elimination by means of repair and immediate site stabilization and release recovery. Figure 1 illustrates the vicinity and site location. All the C-141 forms are included in Appendix A.

During and soon after the acquisition of the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY two releases were discovered at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY and reported to NMOCD (nAPP2319437518) and (NAPP2320640601**).**

Incident NAPP2320640601 was discovered on July,25 2023 and reported to NMOCD the same day. The Cause was a water hauler failed to remove his hose after pulling a load of water and drove off with it connected, breaking the drain valve off the back of the tank. The total release was 220 bbls of water and 70 bbls were recovered. Everything stayed within the berm, repairs are being made to the tank. The release volume was estimated by operations staff and confirmed through the attached C141. Initial response activities were conducted by the current operator 3R, and included source elimination by means of repair and immediate site stabilization and release recovery. Figure 1a illustrates the vicinity and site location. The C-141 forms are included in Appendix A.

Incident nAPP2319437518 was discovered on July,13 2023 and reported to NMOCD the same day. The Cause was equipment failure at the wellhead causing a release of an estimated 75bbl of Produced Water on the locations pad. The release volume was estimated by operations staff and confirmed through the attached C141. Initial response activities were conducted by the current operator 3R, and included source elimination by means of repair and immediate site stabilization and release recovery of an estimated 50 bbls. Figure 1a illustrates the vicinity and site location. The C-141 forms are included in Appendix A.

## 2.0 Site Information and Closure Criteria

The BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY is located approximately 0.75 miles South the city Carlsbad Eddy County, New Mexico on State land at an elevation of approximately 3313 feet above mean sea level (amsl).

Based upon well logs submitted to the New Mexico Office of the State Engineers (NMOSE) (Appendix B), depth to groundwater in the area is estimated to be 245 feet below grade surface (bgs). There are known water sources within ½-mile of the location, according to the NMOSE. Livestock and Domestic wells C2393 and C2382. C2393 was recently gauged by AEA staff on September, 20th 2023 and ground water was found to be 243ft from TOC. The nearest significant watercourse is Dark Canyon, located

approximately 1.0 miles West of the location. Figure 2 illustrates the site with 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Because both well logs are from 1994 the data exceeds the 25-year request by NMOCD, AEA staff contracted the Wells owner Justin Wilson and was granted permission to re-gauge both wells. All NMOCD hydrological and cave and karst setbacks are shown in figures 2-2b. Because the location is within the BLMs Karst Occurrence of medium Karst a **Cave and Karst Resource Inventory** was conducted by Southwest Geophysical Consulting LLC (SGC). The report is in Appendix B.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet bgs. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC.

Table 5 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B. Figure 1 illustrates the site 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet bgs. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC.

## 3.0 Release Characterization and Proposed Remediation Activities

Electromagnetic surveying was used as a “first-pass” investigation to accurately define the parameters or horizontal boundaries of the soil investigation. A Geonics Ltd. EM-38 ground conductivity meter that has been factory calibrated was used on site to collect data.

Figure 1 attached is a product of the fixed-frequency EM method used to map variations in ground conductivity to identify anomalously conductive soils and infer changes in the soil characteristics and composition. This method used portable instrumentation consisting of a transmitter coil and a receiver coil. primary magnetic field from the transmitter coil induces subsurface eddy currents, which in turn generate a secondary magnetic field that is intercepted by the receiver coil. The ratio of the primary and secondary magnetic fields is related to ground conductivity represented as ECa in mS/m.

The conductivity values are not specific values from discrete depths; they are weighted averages of conductivity between the surface and the depth of exploration of the EM field and are termed “apparent conductivities”. The apparent conductivity values obtained are in units of millisiemens per meter (mS/m). The apparent conductivity (ECa) of the soil has been related to the paste extract conductivity {ECe) by the relationship ECa=5ECa (McNeill, 1986a). Table 2 (from McNeill, 1986a) illustrates this general relationship. Measurements are expressed in millisiemens/meter (mS/m).

*Table 2: ECe to ECa Conversion*

| Soil Conductivity vs Salinity (from McNeill, 1986a) | | | |
|---|---|---|---|
| **Salinity (NRCS)** | **ECe (mS/cm) (Lab)** | **ECa (mS/m) (EM-38)** | **Figure Color** |
| NRCS Soil Background (site) | 0-2 | 0-40 | White to green |
| Slight | 0-4 | 40-80 | Yellow |

| | | | |
|---|---|---|---|
| Moderate | 4-8 | 80-100 | red |
| High | 8-12 | 160-240 | Purple |

The table above shows the general correlation between laboratory soil saturated paste ECe and the apparent conductivity ECa measured by an EM unit.

AEA drilling staff arrived on location September 20th, 2023, after a cleared one call to sample the Saragossa 10 Battery and the Bandit #1 SWD. Using the EM survey, (VSP) and the NMOCD documentation AEA sample six (6) locations at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY.

Field data from the soil bores is shown in Table 3. Based on the C141s release descriptions and the EM survey (see figure 1b) release is estimated to be on the locations pad and south and east of the locations pit. DPT-6 confirmed the locations pit to the north liner and drill cuttings were recorded. Based on the three C141s release descriptions and the EM survey (see figure 1a) release numbers nAPB192213905, nAB1921736522 and nJMV1217334502 were estimated to be in and around the Bandit #1 location.

A total of six (6) sample locations were investigated using a direct-push drill rig, to depths up to five 5 to 6 feet bgs. A minimum of three delineation samples were collected at each soil bore location and field screened NRCS EC and PID.

| Name | EC/Cl- >600ppm | PID >50ppm | Action | Depth (ft) |
|---|---|---|---|---|
| DPT-1 | 17.76/20144ppm | 0.2 | Excavated | 0-2 |
| DPT-1 | 7.8/8772ppm | 0.0 | Excavated | 2-4 |
| DPT-1 | 0.23/130ppm | 0.0 | In-situ | 4-4.5 |
| DPT-2 | 2.80/3064ppm | 0.2 | Excavated | 0-2 |
| DPT-2 | 1.6/1694ppm | 0.2 | In-situ | 2-4 |
| DPT-3 | 1.08 /1100ppm | 0.2 | Excavated | 0-2 |
| DPT-3 | 0.83/815ppm | 0.2 | Excavated | 2-4 |
| DPT-3 | 0.31/221ppm | 0.0 | In-situ | 4-5 |
| DPT-4 | 1.16/1191 | 0.0 | Excavated | 0-2 |
| DPT-4 | 0.31/221ppm | 0.8 | In-situ | 2-4 |
| DPT-5 | 1.72/1831ppm | 0.0 | Excavated | 0-2 |
| DPT-5 | 6.51/7299ppm | 0.0 | Excavated | 2-4 |
| DPT-5 | 1.17/1203ppm | 0.2 | In-situ | 4-5 |
| DPT-5 | 0.31/221ppm | 0.0 | In-situ | 5-6 |
| DPT-6 | 2.80/3064ppm | 0.2 | In-situ PIT | 0-2 |
| DPT-6 | 1.6/1694ppm | 0.0 | In-situ PIT | 2-4 |
| DPT-6 | 2.20/2379ppm | 0.0 | In-situ PIT | 4-5 |

*Table 3: Soil Bore Data*

As summarized in Table 3 and shown in figure 1b, results indicated that the releases did not flow and or leach of the location except to the East of the lease road. An on-pad area of approximately 20,000 square feet and an off-pad area of 12,000 square feet remains impacted. The impacted area is also bordered by a. production flow lines to the north and the locations berm to the south. The effected soils are imported B-horizon from an area caliche pit and the native soils beneath.

AEA and its contractors to date have excavated approximately four thousand two hundred and twenty-five (4,254 $yd^3$) in order to remediate the top four (4) feet of the pad to be compliant with, 19.15.29.13(D)(1) NMAC.

The off-pad area has had fifteen hundred and two (1502 $yd^3$) cubic yards excavated and hauled off. In total five thousand seven hundred and fifty-six (5756) cubic yards of caliche and native soil has been sent to an NMOCD approved disposal. An anticipated addition fifteen hundred to two thousand cubic yards (1500-2000$yd^3$) is needed in the off-pad areas to reach the targeted less than 600 ppm Chloride or less than 50ft to ground water standards for non-working or off pad areas.

Figure 4 shows the extent of the current and proposed excavation and existing sample locations are shown in Figure 1b.

All contaminated soil from the location has and will continue to be hauled to a NMOCD approved facility (waste manifest will be available upon request).

## 4.0 Revegetation and Restoration

The area soils are not classified as “sensitive by the NRCS” and are classified as very slightly saline. All backfilled topsoil will be sourced from a neighbor pit within the Reagan-Upton groups. Irrigated with less than 1000ppm TDS and less than 250 ppm Cl water to prevent dust and wind erosion during restoration. A slope of 0-3 percent will be restored to match the area contours and the area will be reseeded using NMSLO (LOAMY (L) SITES SEED MIXTURE) at double the published rates to accommodate for the use of hydroseeding.

## 5.0 Variance and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this closure report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Austin Weyant at 575-626-3993

Submitted by:
Atkins Engineering Associates INC

J. Austin Weyant

Austin Weyant
Geoscientist

**ATTACHMENTS:**

**Figures:**

Figure 1: EM Conductivity Survey and vicinity and site location
Figure 1a: Release area map
Figure 1b: Site and Sample Location Map
Figure 2a-b: Setback Radius Map
Figure 3: Area Cave and Karst Resource Inventory
Figure 4: Utilities map
Figure 5: Reclamation Area map

**Appendices:**

Appendix A: Form C141
Appendix B: NMOSE Wells Report and Karst Resource Inventory
Appendix C:

# FIGURES

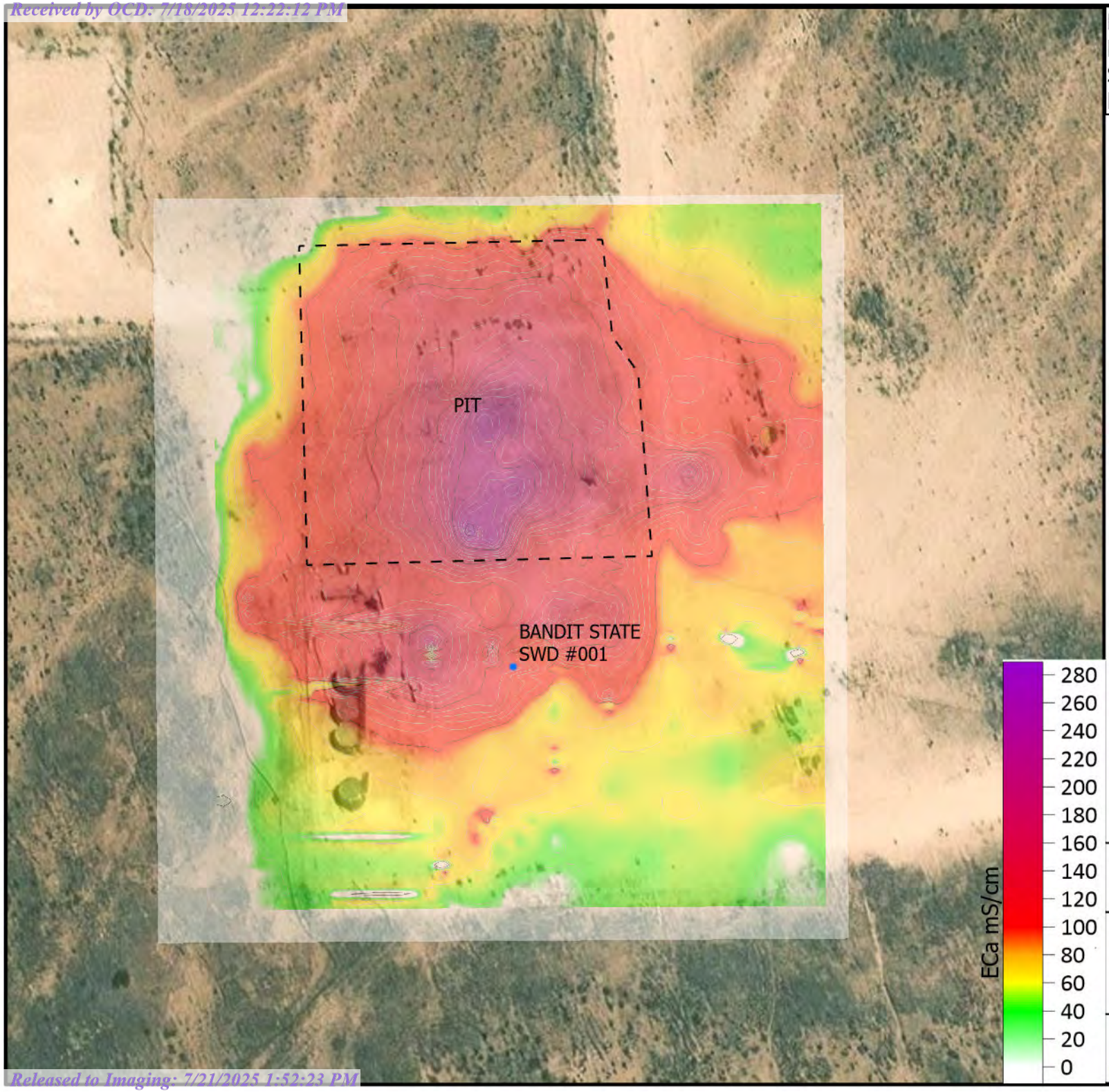


FIGURE 1 EM 38 ECa
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY
ECa Map

LEGEND

- Apx. Area
- NMOCD Wells

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 03/22/23 DRAWN JAW

DATE DRAWN: 3/1/2024 REVIEW LCM

Atkins ENGINEERING ASSOCIATES

FIGURE 1a Release Area
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY

LEGEND

- Apx. Area
- NMOCD Wells

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 03/22/23 DRAWN JAW

DATE DRAWN: 3/1/2024 REVIEW LCM

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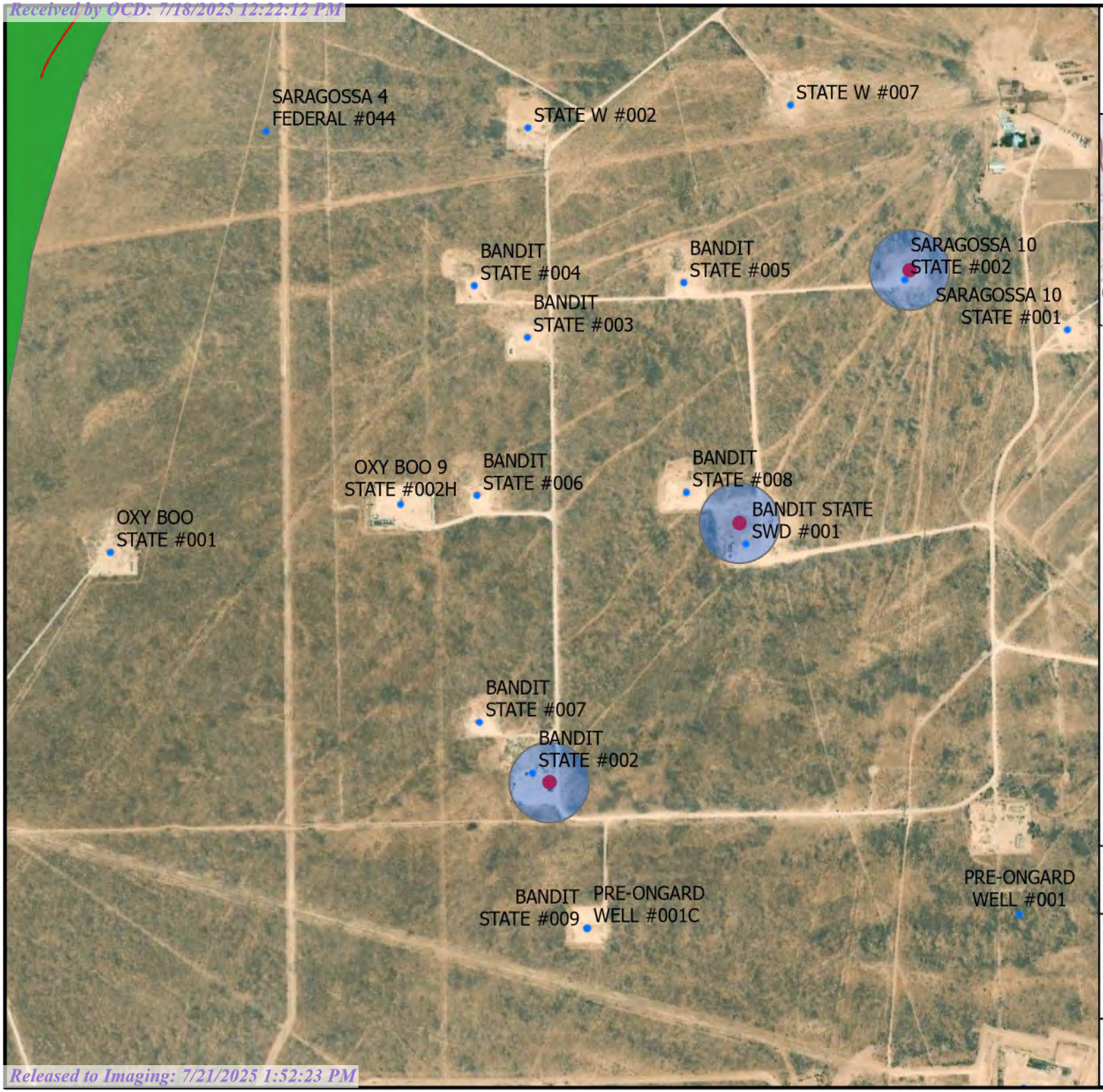
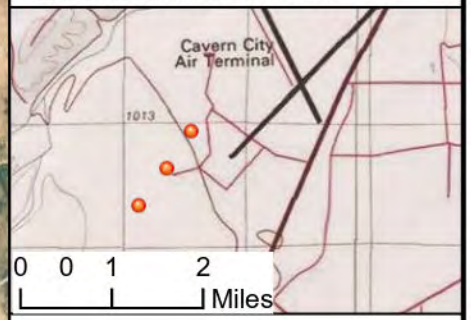



# FIGURE 2
# Hydrology Setbacks
# Bandit #1 SWD




## LEGEND

- Release Point
- Lakes_Playas
- Springs_Seeps
- Streams_Canals
- Flowlines_SENM
- FEMA_Flood_Zones_2011
- NMOCD Wells
- ReleasePoint_Buffer3

N

0 420 840 1,680

Scale: 1:10,000 Feet

BANDIT STATE #1
SARAGOSSA BATT

DRAWN LCM

DATE DRAWN: 3/13/2024 REVIEW JAW

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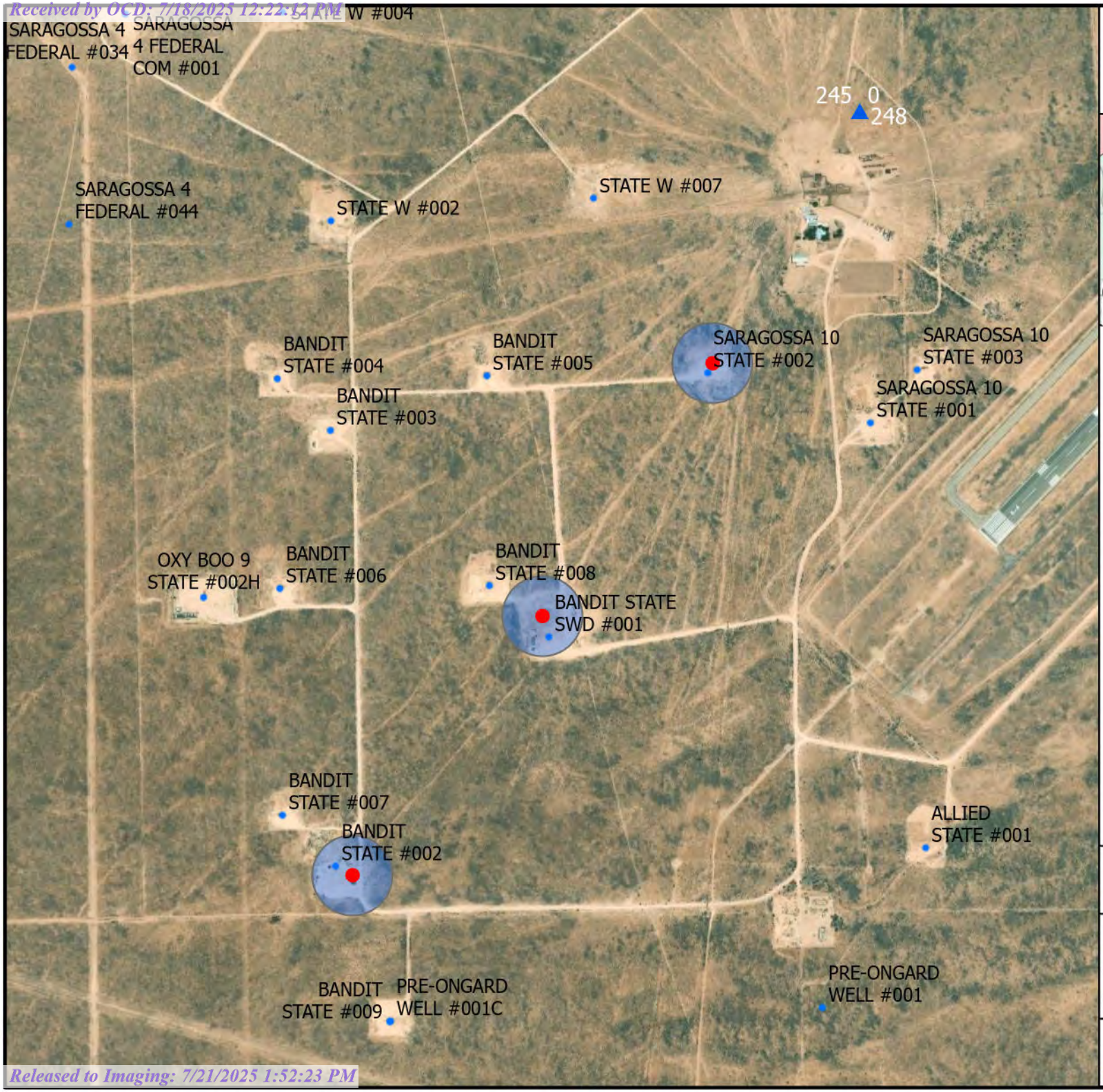
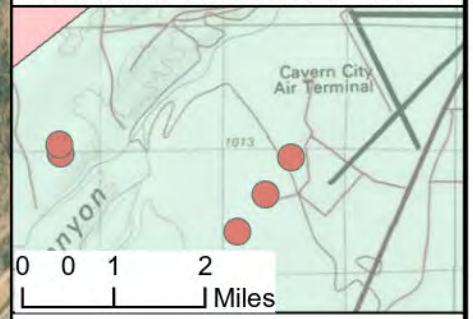



FIGURE 2b
Karst and NMOSE PODs
BANDIT STATE #1 SWD




## LEGEND

- KarstOccurrence
- CriticalKarstZone
- Release Point
- OSE_Points_of_Diversion
- NMOCD Wells
- ReleasePoint_Buffer2

N

0 420 840 1,680
Scale: 1:10,000 Feet

BANDIT STATE #1 SWD

JOB No. bandit_env_23
DATE FIELD: 11/07/2023 DRAWN LCM
DATE DRAWN: 3/13/2024 REVIEW JAW

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Figure #3 Area Cave and Karst Resource Inventory

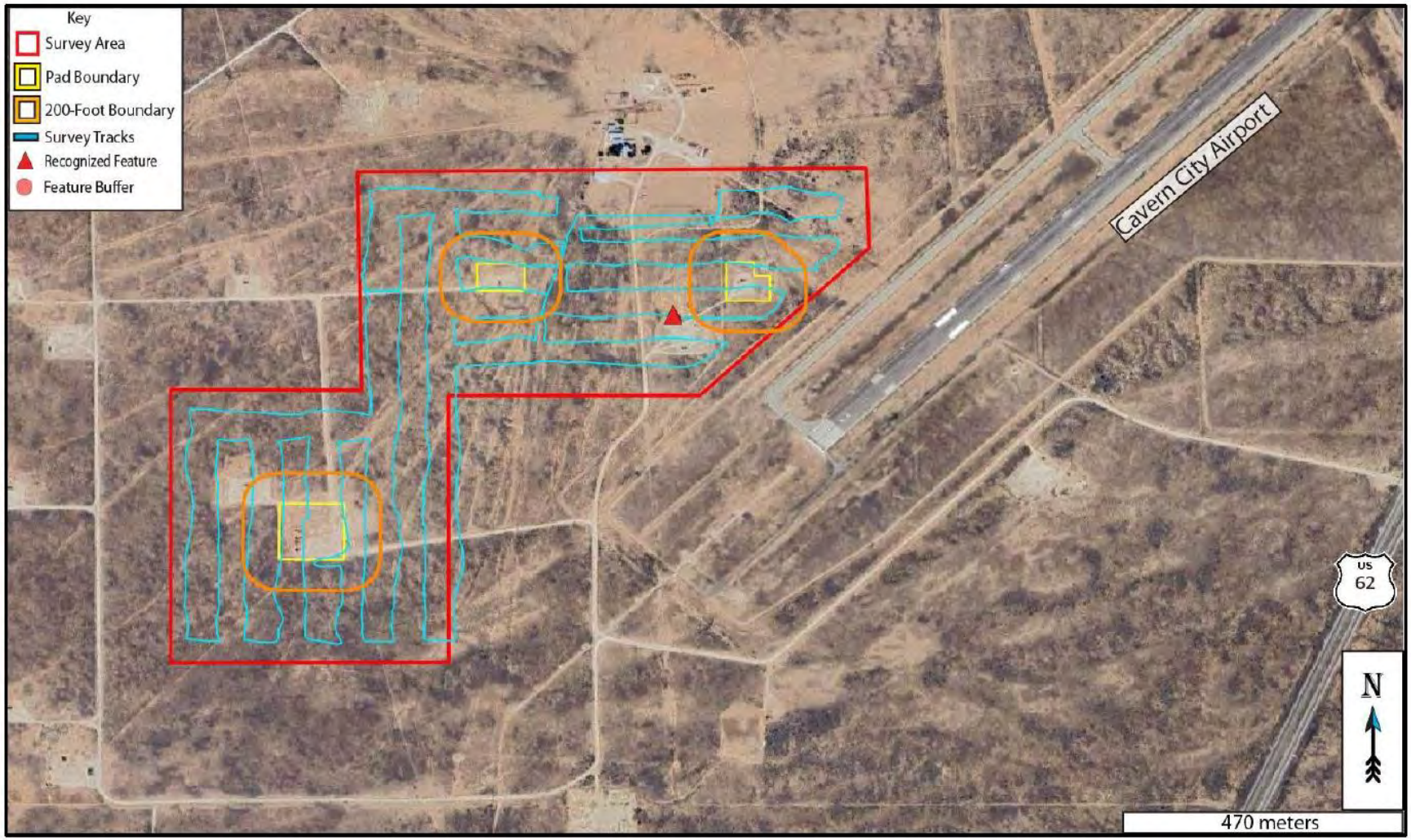



**Figure 4: Survey overview. Red polygon is the study area. Blue wavy lines are the actual survey lines walked by Decker. Red triangle is the located karst feature. Red translucent circle is the buffer zone for the karst features (10 meters in diameter for this feature, hidden beneath the feature symbol in the image). See accompanying data files ATKE-002-20240312_SARG_Data_Files for more details. Background image credit: Google Earth. Image date: April 15, 2023. Datum: WGS-84.**

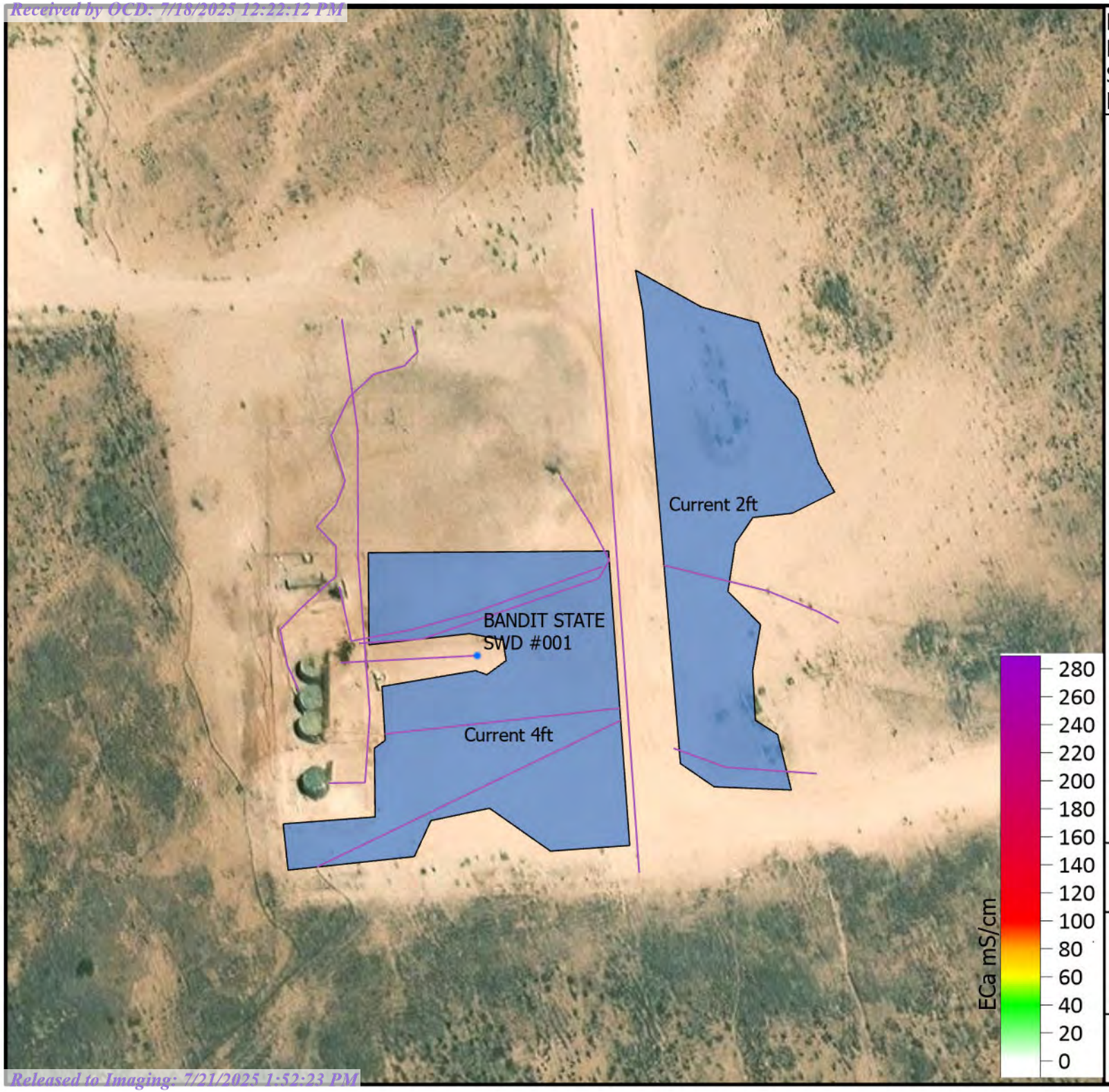



FIGURE 4 Utilities
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY
Excavation and Utilities

## LEGEND

- Excavation Area
- NMOCD Wells
- Pipeline

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 03/22/23 DRAWN JAW

DATE DRAWN: 3/1/2024 REVIEW LCM

Atkins ENGINEERING ASSOCIATES

# Remediation Workplan

**June 26, 2024 Historical Contractor**

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

June 26, 2024

#BanditSWD_env_23

**3R Operating, LLC**
**4000 North Big Spring-Suite 210 Midland, TX 79705**
**Attn: Randy Ferrell**

SUBJECT: Remediation Work Plan for the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY Release (nAB1922139305), (nAB1921736522), (nJMW1217334502), (nAPP2319437518) and (NAPP2320640601**)** Eddy County, New Mexico

Dear Mr. Anderson,

On behalf of 3R Operating, LLC, Atkins Engineering Associates INC. (AEA) has prepared this site assessment, field delineation and remediation proposal. Prior communication with the division on the location was for remedial time extension, but due to events out of AEAs control going for straight for remedial closure is no longer applicable. To quickly delineate the multiple releases of liquids related to oil and gas production activities at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY AEA used ***Visual Sample Plan Version 6.0*** (VSP) to define a confidence interval of 90% and sample plan design coupled with an Electromagnetic survey to accurately define the parameters or horizontal boundaries of the soil investigation. The site is in Unit F, Section 10, Township 23S, Range 26E, Eddy County, New Mexico, on State land.

*Table 1: summarizes release information and Site Criteria*

| **Table 1: Release Information and Closure Criteria** | | | |
|---|---|---|---|
| Name | BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY | Company | Read & Stevens / 3R Operating |
| API Number | 30-015-21071 | Location | 32.320914, -104.283330 |
| Incident Number | (nAB1922139305), (nAB1921736522), (nJMW1217334502), (nAPP2319437518) and (NAPP2320640601**)** | | |
| Estimated Date of Release | 7/27/2019 – 7/13/2023 | Date Reported to NMOCD | 7/27/2019 – 7/13/2023 |
| Landowner | State | Reported To | NMOCD District 2 |
| Source of Release | Legacy releases from previous operator Read and Stevens OGRID (18917) and current | | |
| NMOCD Closure Criteria | >100 feet to groundwater | | |

## 1.0 Background

Atkins Engineering Associates Inc. (AEA) was retained by 3R Operating, LLC (3R) to complete an Environmental Liability Assessment (ELA) study of the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY former Read and Stevens oil and gas facilities acquired from Permian Resources Co. The purpose of this study was to identify, to the extent feasible, the environmental liability with respect to the assets located on the subject facilities and contiguous areas. As part of the ELA an Environmental & Administrative Orders search of the New Mexico Oil Conservation Division database was completed for the subject facilities area and then cross-referenced by operator. The search revealed three (3) Remediation Permits issued to the previous owner and/or operator. According to NMOCD documentation initial response activities were conducted by the pervious operator, and included source elimination by means of repair and immediate site stabilization and release recovery. Figure 1 illustrates the vicinity and site location. All the C-141 forms are included in Appendix A.

During and soon after the acquisition of the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY two releases were discovered at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY and reported to NMOCD (nAPP2319437518) and (NAPP2320640601**).**

Incident NAPP2320640601 was discovered on July,25 2023 and reported to NMOCD the same day. The Cause was a water hauler failed to remove his hose after pulling a load of water and drove off with it connected, breaking the drain valve off the back of the tank. The total release was 220 bbls of water and 70 bbls were recovered. Everything stayed within the berm, repairs are being made to the tank. The release volume was estimated by operations staff and confirmed through the attached C141. Initial response activities were conducted by the current operator 3R, and included source elimination by means of repair and immediate site stabilization and release recovery. Figure 1a illustrates the vicinity and site location. The C-141 forms are included in Appendix A.

Incident nAPP2319437518 was discovered on July,13 2023 and reported to NMOCD the same day. The Cause was equipment failure at the wellhead causing a release of an estimated 75bbl of Produced Water on the locations pad. The release volume was estimated by operations staff and confirmed through the attached C141. Initial response activities were conducted by the current operator 3R, and included source elimination by means of repair and immediate site stabilization and release recovery of an estimated 50 bbls. Figure 1a illustrates the vicinity and site location. The C-141 forms are included in Appendix A.

The previous NMOCD submitted May, 31st 2024 Remediation Work Plan for the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY was denied by NMOCD because of the reasons listed below with AEAs responses.

- **The Remediation Plan is Denied. Figure 1b (showing extent of current and proposed excavation and existing sample locations) doesn't seem to be included in the report. Please include Figure 1b in the resubmittal. Sidewall samples need to be completed to laterally delineate the release. The site map will need to include the entire release area including horizontal/vertical delineation sample locations. Looking at the EM Survey,**

**the release appears to have entered the pit area, crossed the road, and then collected on the east side of the road. The entire release area which may include the pit and road will need to be fully delineated.**

- Figure 1 and Figure 4 have been updated.
- AEA's Field geologist was on site September 20th 2023 and his logs for the soil bores are attached in the appendices. DPT-6 and DPT-2 logs show plastic at the surface and were determined by AEAs field geologist to the pit. DPT-2 is the southernmost boundary of the pit and geo referenced photo 1 shows the northernmost extent.
- Field sidewall samples performed by MMX have been included and confirm the approximate areas found by the EM survey.
- Delineation has proven difficult because of the presence of an indurent soil or rock layer. The DPT rig hit refusal at four 4 to six 6 feet across the location as shown in the logs. The excavation of the location has also come in contact with the same indurent soil or rock layer that the track hoe cannot penetrate thus limiting the excavation to the 4-foot in depth.

- **Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please collect confirmation samples, representing no more than 200 ft2. All off-pad areas (roads, pasture, etc..) must meet reclamation standards set forth in the OCD Spill Rule.**
  - AEA agrees that the release should be excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site, see addition third party lab results and MMX sidewall samples in table 4.
  - AEA has provided the logs of two neighboring wells C2382 and C2393, because of the data exceeds the 25-year request by NMOCD, AEA staff contracted the Wells owner Justin Wilson and was granted permission to re-gauge both wells. AEA staff could only fit a water level probe past the manifold at one of the wells believed to be the C2393 and water was found to be 243ft from TOC.
  - AEA will collect closure samples that comply with standards set forth in the OCD Spill Rule.

## 2.0 Site Information and Closure Criteria

The BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY is located approximately 0.75 miles South the city Carlsbad Eddy County, New Mexico on State land at an elevation of approximately 3313 feet above mean sea level (amsl).

Based upon well logs submitted to the New Mexico Office of the State Engineers (NMOSE) (Appendix B), depth to groundwater in the area is estimated to be 245 feet below grade surface (bgs). There are known water sources within ½-mile of the location, according to the NMOSE. Livestock and Domestic wells C2393 and C2382. C2393 was recently gauged by AEA staff on September, 20th 2023 and ground water was found to be 243ft from TOC. The nearest significant watercourse is Dark Canyon, located approximately .5 miles West of the location. Figure 2 illustrates the site with 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Because both well logs are from 1994 the data exceeds the 25-year request by NMOCD, AEA staff contracted the Wells owner Justin Wilson and was granted permission to re-gauge both wells. All NMOCD hydrological and cave and karst setbacks are shown in figures 2-2b. Because the location is within the BLMs Karst Occurrence of medium Karst a **Cave and Karst Resource Inventory** was conducted by Southwest Geophysical Consulting LLC (SGC). The report is in Appendix B.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet bgs. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC on the locations pad. 19.15.29.13(D)(1) NMAC says "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." The affected pad has been excavated to a minimum of four feet and the remaining impacts are less than the standards of Table I of 19.15.29.12 NMAC

*Table 2: summarizes standards of Table I of 19.15.29.12 NMAC*

| Remediation >100 feet to groundwater | | |
|---|---|---|
| Chloride | EPA 300 | 20,000mg/kg |
| TPH (GRO+DRO+MRO) | EPA 8015M | 2,500 mg/kg |
| BTEX | EPA 8021B | 50 mg/kg |

According to *Energy, Minerals and Natural Resources Department (EMNRD) Procedures for Implementation of the Spill Rule (19.15.29 NMAC) September 6, 2019, "The remediation requirements in Table 1 19.15.29.12 NMAC are the same for all releases, whether they occur on an active production site or not (19.15.29.12(C)(2) and (3) NMAC). Remediation on an active site can be deferred in areas immediately under or around production equipment such as production tanks, wellheads, and pipelines where remediation could cause a major facility deconstruction."* AEA and its subcontractor had a third-party Safety Professional (SESI) review the physical location and its surrounding area and determine the safe horizontal limits of the remedial excavation. Most of the impacted soil that can be removed safely on Pad and around neighboring utilities was performed in March of this year.

AEA plans to submit deferral request with its closure report after the completion of the remedial excavation in order to safely delineate the remining impacts.

Table 5 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B. Figure 1 illustrates the site 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet bgs. The Pad site has been restored to meet the standards of Table I of 19.15.29.12 NMAC.

The off-pad area has had fifteen hundred and two (1502 $yd^3$) cubic yards excavated and hauled off. In total five thousand seven hundred and fifty-six (5756) cubic yards of caliche and native soil has been sent

to an NMOCD approved disposal. An anticipated addition fifteen hundred to two thousand cubic yards (1500-2000yd$^3$) is needed in the off-pad areas to reach the targeted less than 600 ppm Chloride.

## 3.0 Release Characterization and Proposed Remediation Activities

Electromagnetic surveying was used as a "first-pass" investigation to accurately define the parameters or horizontal boundaries of the soil investigation. A Geonics Ltd. EM-38 ground conductivity meter that has been factory calibrated was used on site to collect data.

Figure 1 attached is a product of the fixed-frequency EM method used to map variations in ground conductivity, to identify anomalously conductive soils and infer changes in the soil characteristics and composition. This method used portable instrumentation consisting of a transmitter coil and a receiver coil. Primary magnetic field from the transmitter coil induces subsurface eddy currents, which in turn generate a secondary magnetic field that is intercepted by the receiver coil. The ratio of the primary and secondary magnetic fields is related to ground conductivity represented as ECa in mS/m.

The conductivity values are not specific values from discrete depths; they are weighted averages of conductivity between the surface and the depth of exploration of the EM field and are termed "apparent conductivities". The apparent conductivity values obtained are in units of millisiemens per meter (mS/m). The apparent conductivity (ECa) of the soil has been related to the paste extract conductivity {ECe) by the relationship ECa=5ECa (McNeill, 1986a). Table 3 (from McNeill, 1986a) illustrates this general relationship. Measurements are expressed in millisiemens/meter (mS/m).

*Table 3: ECe to ECa Conversion*

| Soil Conductivity vs Salinity (from McNeill, 1986a) | | | |
|---|---|---|---|
| **Salinity (NRCS)** | **ECe (mS/cm) (Lab)** | **ECa (mS/m) (EM-38)** | **Figure Color** |
| NRCS Soil Background (site) | 0-2 | 0-40 | White to green |
| Slight | 0-4 | 40-80 | Yellow |
| Moderate | 4-8 | 80-100 | red |
| High | 8-12 | 160-240 | Purple |

The table above shows the general correlation between laboratory soil saturated paste ECe and the apparent conductivity ECa measured by an EM unit.

AEA drilling staff arrived on location September 20th, 2023, after a cleared one call to sample the Saragossa 10 Battery and the Bandit #1 SWD. Using the EM survey, (VSP) and the NMOCD documentation AEA sample six (6) locations at the BANDIT STATE SWD #001 and SARAGOSSA 10 STATE BATTERY.

Field data from the soil bores is shown in Table 4. Based on the C141s release descriptions and the EM survey (see figure 1b) release is estimated to be on the locations pad and south and east of the locations pit. DPT-6 confirmed the locations pit to the north liner and drill cuttings were recorded. Based on the three C141s release descriptions and the EM survey (see figure 1) release numbers nAPB192213905, nAB1921736522 and nJMV1217334502 were estimated to be in and around the Bandit #1 location.

A total of six (6) sample locations were investigated using a direct-push drill rig, to depths up to five 5 to 6 feet bgs. A minimum of three delineation samples were collected at each soil bore location and field screened NRCS EC and PID.

During remedial excavation activities March 4th 2024, AEAs sub-contractor collected sidewall samples to confirm the excavation boundaries using Hach strips for Cl-, sidewall or SW samples 1-14 are in table 4 and figure #4.

After the denial of the soil Work Plan, AEA performed a sampling event within the excavation on June 6th 2024 to confirm the previous soil borings and to get an up to date and lab confirmed contaminate concentration within the excavation. Samples BH1-BH8 are in table 4 and figure #4.

As summarized in Table 4 and shown in figure 1b, results indicated that the releases did not flow and or leach off the location except to the East of the lease road. An on-pad area of approximately 20,000 square feet and an off-pad area of 12,000 square feet remains impacted. The impacted area is also bordered by a. production flow lines to the north and the locations berm to the south. The effected soils are imported B-horizon from an area caliche pit and the native soils beneath.

AEA and its contractors to date have excavated approximately four thousand two hundred and twenty-five (4,254 $yd^3$) in order to remediate the top four (4) feet of the pad to be compliant with, 19.15.29.13(D)(1) NMAC.

The off-pad area has had fifteen hundred and two (1502 $yd^3$) cubic yards excavated and hauled off. In total five thousand seven hundred and fifty-six (5756) cubic yards of caliche and native soil has been sent to an NMOCD approved disposal. An anticipated addition fifteen hundred to two thousand cubic yards (1500-2000$yd^3$) is needed in the off-pad areas to reach the targeted less than 600 ppm Chloride to take the excavation from two 2ft to roughly three 3ft in depth.

Figure 4 shows the extent of the current and proposed excavation and existing sample locations are shown in Figure 1b and figure 4.

All contaminated soil from the location has and will continue to be hauled to a NMOCD approved facility (waste manifest will be available upon request).

At the completion of the remedial excavation AEA will collect closure samples after notice has been given to NMOCD, NMSLO and the area Rancher. AEA will collect confirmation samples, representing no more than 200 ft2 as specified in the NMOCD denial.

With the site being an active production site with active 3R owned and third party owned area utilities, some areas are unsafe to excavate and will need to be deferred. The areas immediately under or around the production equipment such as production tanks battery, wellhead, and the many pipelines and electrical lines will be documented and sampled in the closure report for NMOCD and NMSLO to ensure that at asset retirement when it is safe to do so impacts can be recovered.

## 4.0 Revegetation and Restoration

The area soils are not classified as “sensitive by the NRCS” and are classified as very slightly saline. The areas disturbed by the excavations or grading work performed by the AEA and its sub-contractors shall include revegetation as specified in the NMDOT Standard Specifications for Highway and Bridge

Construction Section 632 'Seeding'. This work shall consist of reseeding all areas which were denuded with vegetation during the facility's remedial excavation operations.

The reseeding work by 3R will be subject to prior approval, inspection and acceptance by the NMSLO staff. To reduce maintenance from erosion caused by unprotected soils and the spread of noxious weeds harmful to New Mexico agriculture.

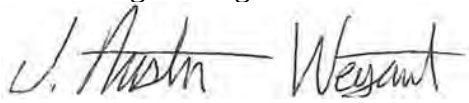
- all backfilled topsoil will be sourced from a neighbor pit within the Reagan-Upton groups.
- Irrigated with less than 1000ppm TDS and less than 250 ppm Cl water to prevent dust and wind erosion during restoration.
- A slope of 0-3 percent will be restored to match the area contours and the area will be reseeded using NMSLO (LOAMY (L) SITES SEED MIXTURE) at double the published rates to accommodate for the use of hydroseeding.
- AEA will also apply soil tackifier at NMDOT recommended rate of 100bs per acre to prevent erosion based on NMDOT Materials Quantities sheet in the appendix. AEA has a NMDA
- licensed applicator and will conduct invasive weed removal/spray event the following spring to insure no noxious or invasive weeds are present in the revegetation areas.

## 5.0 Variance and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this closure report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact Austin Weyant at 575-626-3993

Submitted by:
Atkins Engineering Associates INC



Austin Weyant
Geoscientist

**ATTACHMENTS:**

**Figures:**

Figure 1: EM Conductivity Survey and vicinity and site location
Figure 1a: Release area map
Figure 1b: Site and Sample Location Map

Table 4:
Summary of Sample Results



| Sample ID | Sample Date | Depth (feet bgs) | Description | GRO mg/Kg | DRO mg/Kg | MRO mg/Kg | **Total TPH** mg/Kg | Cl- Field mg/Kg | Cl- mg/Kg | BTEX mg/kg |
|---|---|---|---|---|---|---|---|---|---|---|
| NMOCD 19.15.29 Guidance | | | | | | | 2500 | 600 | 600/20000 | 50 |
| DPT1-1' | 9/20/2023 | 0-2 | excavated | -- | -- | -- | -- | 20144 | -- | -- |
| DPT1- 2-4 | 9/20/2023 | 2-4 | excavated | -- | -- | -- | -- | 8775 | -- | -- |
| DPT1- 4-4.5 | 9/20/2023 | 4-4.5 | insitu/rock | -- | -- | -- | -- | 130 | -- | -- |
| DPT1-4' | 6/6/2024 | 4 | insitu/rock | <20 | <25 | <50 | <100 | | 582 | <0.100 |
| DPT2- 0-2' | 9/20/2023 | 0-2 | excavated | -- | -- | -- | -- | 3064 | | -- |
| DPT2- 2-4' | 9/20/2023 | 2-4 | excavated | -- | -- | -- | -- | 1694 | | -- |
| DPT2-6' | 6/6/2024 | 6 | insitu/rock | <20 | <25 | <50 | <100 | | <20 | <0.100 |
| DPT-3 0-2 | 9/20/2023 | 0-2 | excavated | -- | -- | -- | -- | 1100 | | -- |
| DPT-3 2-4 | 9/20/2023 | 2-4 | excavated | -- | -- | -- | -- | 815 | | -- |
| DPT-3 4-5 | 9/20/2023 | 4-5 | insitu/rock | -- | -- | -- | -- | 221 | | -- |
| DPT3-4' | 6/6/2024 | 4 | insitu/rock | <20 | <25 | <50 | <100 | | 299 | <0.100 |
| DPT-4 0-2' | 9/20/2023 | 0-2 | excavated | -- | -- | -- | -- | 1191 | | -- |
| DPT-4 2-4' | 9/20/2023 | 2-4 | insitu/rock | -- | -- | -- | -- | 221 | | -- |
| DPT5- 0-2' | 9/21/2023 | 0-2 | excavated | -- | -- | -- | -- | 1831 | | -- |
| DPT5-5' | 9/22/2023 | 2-4 | excavated | -- | -- | -- | -- | 7299 | | -- |
| DPT5-5' | 9/23/2023 | 4-5 | excavated | -- | -- | -- | -- | 1203 | | -- |
| DPT5-5' | 6/6/2024 | 5 | insitu/rock | <20 | <25 | <50 | <100 | | 606 | <0.100 |
| DPT5-5-6' | 9/23/2023 | 5-6 | insitu/rock | -- | -- | -- | -- | 221 | | -- |
| DPT6-0-2' | 9/23/2023 | 0-2 | insitu/pit | -- | -- | -- | -- | 3064 | | -- |
| DPT-6 2-4' | 9/23/2023 | 2-4 | insitu/pit | -- | -- | -- | -- | 1694 | | -- |
| DPT6 4' | 6/6/2024 | 4 | insitu/pit | <20 | <25 | <50 | <100 | | 4690 | <0.100 |
| DPT6 4-5' | 9/23/2023 | 4-5 | insitu/pit | -- | -- | -- | -- | 2379 | | -- |
| BH1-4.5' | 6/6/2024 | 5 | insitu | <20 | <25 | <50 | <100 | | 2100 | <0.100 |
| BH2-4.5' | 6/6/2024 | 5 | insitu | <20 | <25 | <50 | <100 | | 38.9 | <0.100 |
| BH3-4.5' | 6/6/2024 | 5 | insitu | <20 | <25 | <50 | <100 | | 1040 | <0.100 |
| BH5-2' | 6/6/2024 | 2 | insitu | <20 | <25 | <50 | <100 | | 4860 | <0.100 |
| BH5-3' | 6/6/2024 | 3 | insitu | <20 | <25 | <50 | <100 | | 3580 | <0.100 |
| BH6-2' | 6/6/2024 | 2 | insitu | <20 | <25 | <50 | <100 | | 166 | <0.100 |
| BH6-3' | 6/6/2024 | 3 | insitu | <20 | <25 | <50 | <100 | | 45.4 | <0.100 |
| BH7-2' | 6/6/2024 | 2 | insitu | <20 | <25 | <50 | <100 | | 1190 | <0.100 |
| BH7-3' | 6/6/2024 | 3 | insitu | <20 | <25 | <50 | <100 | | 721 | <0.100 |
| BH8-2' | 6/6/2024 | 2 | insitu | <20 | <25 | <50 | <100 | | 1640 | <0.100 |
| BH8-3' | 6/6/2024 | 3 | insitu | <20 | <25 | <50 | <100 | | 1700 | <0.100 |
| SW MMX1 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 289 | -- |
| SW MMX2 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 342 | -- |
| SW MMX3 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 76 | -- |
| SW MMX4 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 609 | -- |
| SW MMX5 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 152 | -- |
| SW MMX6 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 2150 | -- |
| SW MMX7 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 3920 | -- |
| SW MMX8 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 1808 | -- |
| SW MMX9 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 5915 | -- |
| SW MMX10 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 1808 | -- |
| SW MMX11 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 595 | -- |
| SW MMX12 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 389 | -- |
| SW MMX13 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 2265 | -- |
| SW MMX14 | 3/4/2024 | SW | insitu | -- | -- | -- | -- | | 526 | -- |
| SP MMX15 | 3/4/2024 | 2 | insitu | -- | -- | -- | -- | | 7516 | -- |
| SP MMX16 | 3/4/2024 | 2 | insitu | -- | -- | -- | -- | | 8258 | -- |

"--" = Not Analyzed

Figure 2a-b: Setback Radius Map
Figure 3: Area Cave and Karst Resource Inventory
Figure 4: Utilities map
Figure 5: Reclamation Area map

**Appendices:**

Appendix A: Form C141
Appendix B: NMOSE Wells Report/Well logs and Karst Resource Inventory
Appendix C: NMDOT Materials Quantities

# FIGURES

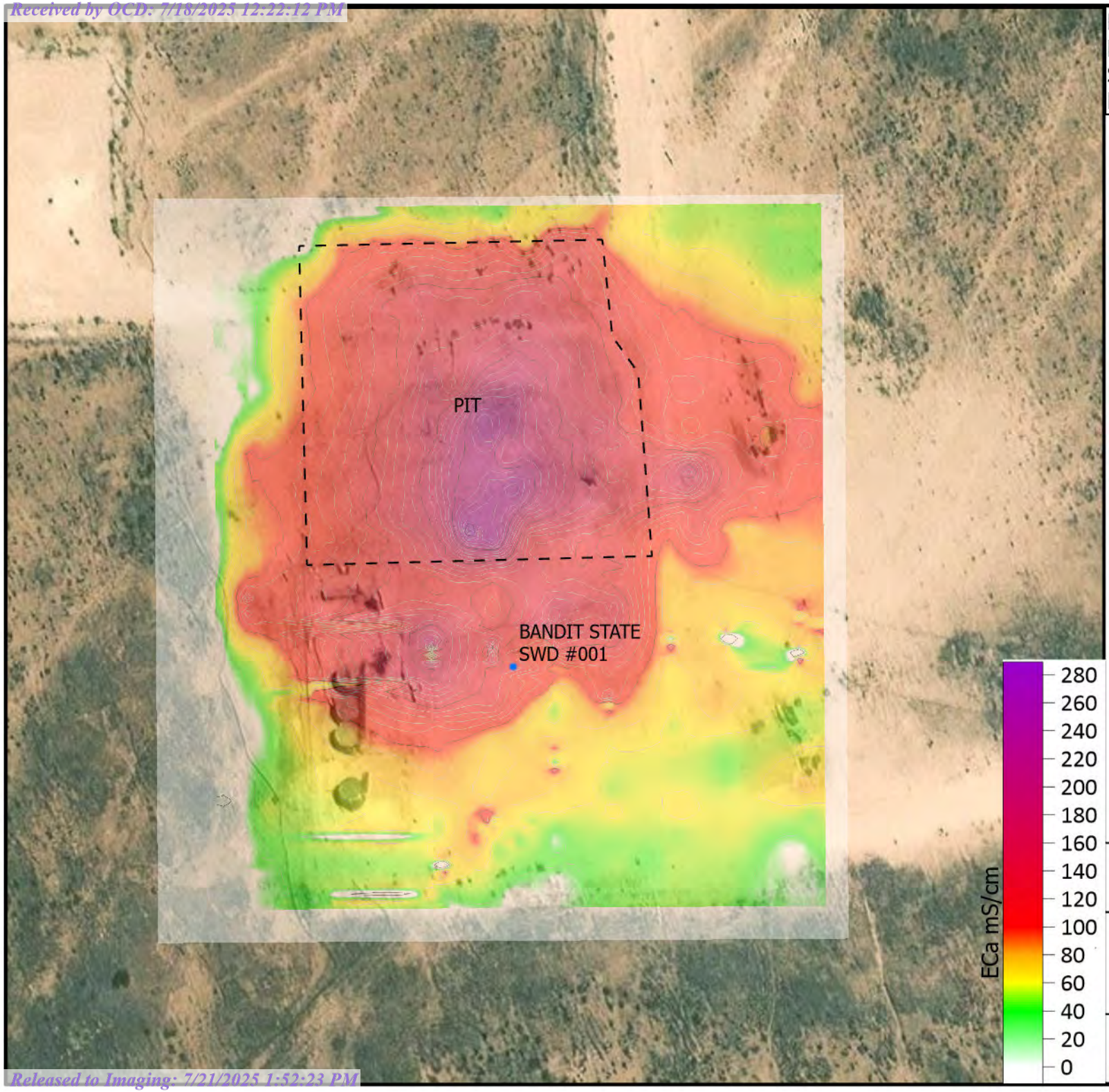



FIGURE 1 EM 38 ECa
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY
ECa Map

LEGEND

- Apx. Area
- NMOCD Wells

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 03/22/23 DRAWN JAW

DATE DRAWN: 3/1/2024 REVIEW LCM

Atkins ENGINEERING ASSOCIATES

FIGURE 1a Release Area
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY

LEGEND

- Apx. Area
- NMOCD Wells

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 03/22/23 DRAWN JAW

DATE DRAWN: 3/1/2024 REVIEW LCM

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FIGURE 1b
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY
Sample Points

LEGEND

- Sample Location
- Apx. Area
- Soil Bores

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 06/06/24 DRAWN JAW

DATE DRAWN: 6/24/2024 REVIEW LCM

Atkins ENGINEERING ASSOCIATES

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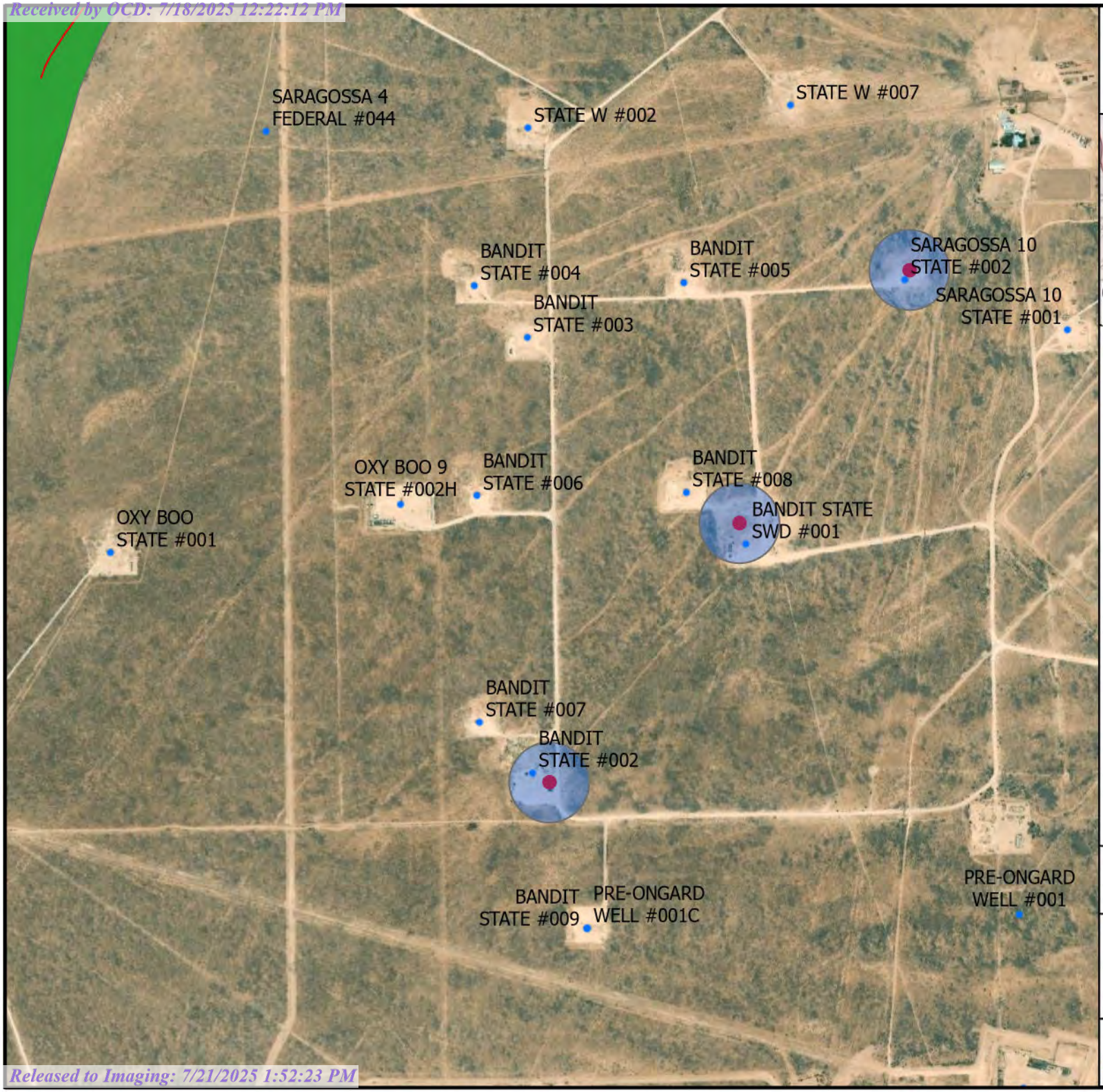
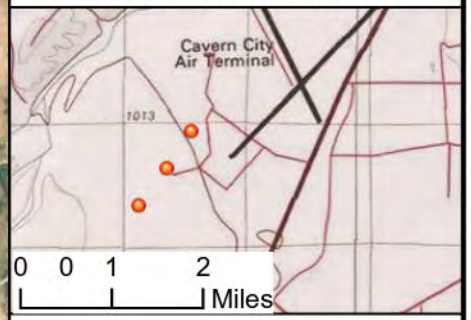



# FIGURE 2
# Hydrology Setbacks
# Bandit #1 SWD




## LEGEND

- Release Point
- Lakes_Playas
- Springs_Seeps
- Streams_Canals
- Flowlines_SENM
- FEMA_Flood_Zones_2011
- NMOCD Wells
- ReleasePoint_Buffer3

N

0 420 840 1,680

Scale: 1:10,000 Feet

BANDIT STATE #1
SARAGOSSA BATT

DRAWN LCM

DATE DRAWN: 3/13/2024 REVIEW JAW

Atkins ENGINEERING ASSOCIATES

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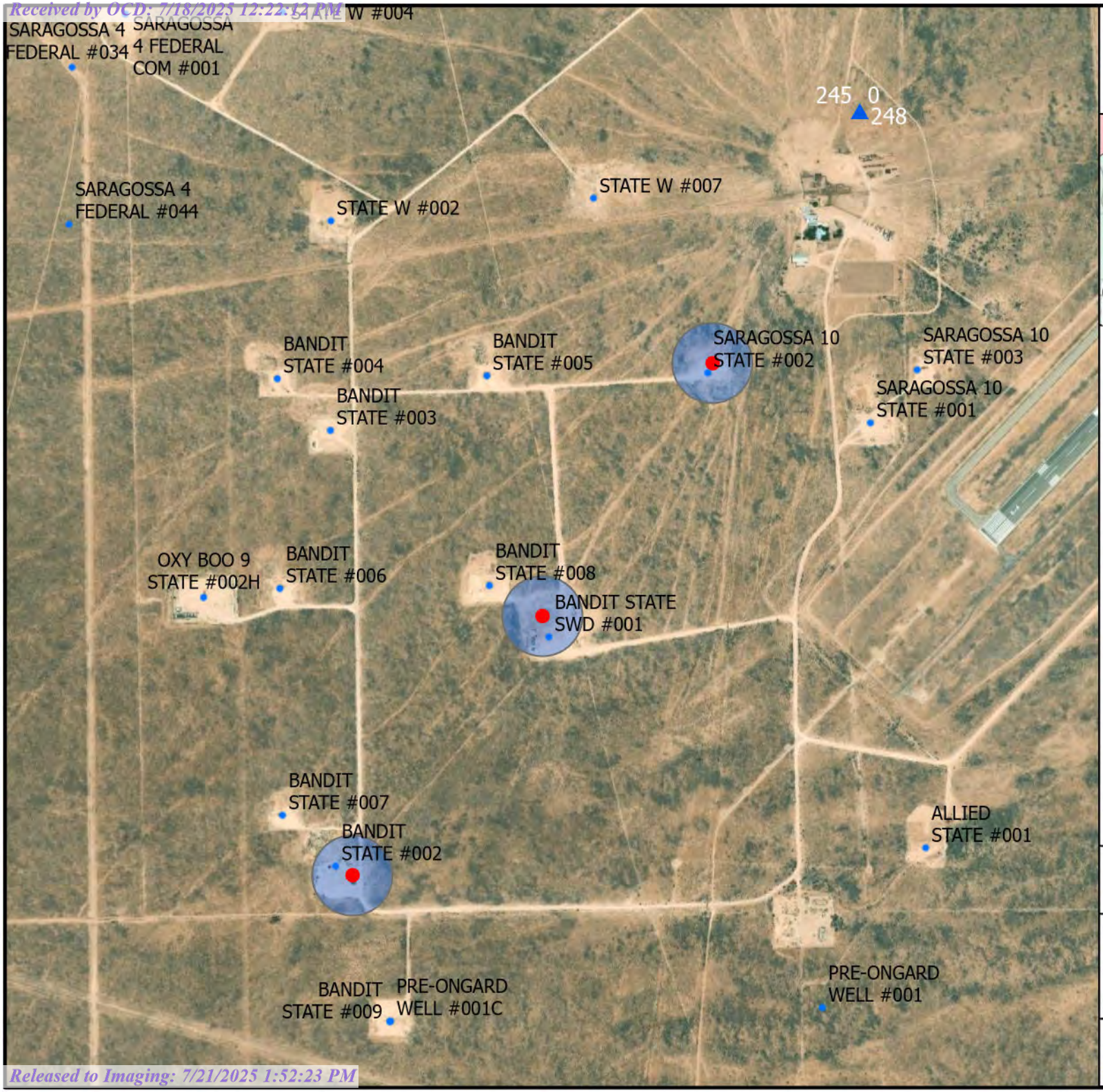
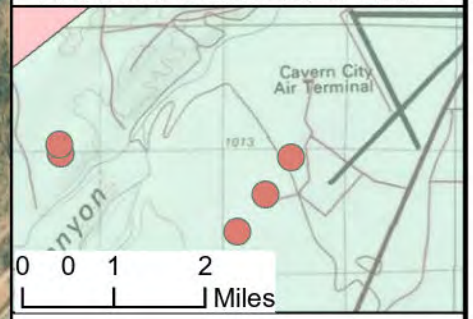



FIGURE 2b
Karst and NMOSE PODs
BANDIT STATE #1 SWD




## LEGEND

- KarstOccurrence
- CriticalKarstZone
- Release Point
- OSE_Points_of_Diversion
- NMOCD Wells
- ReleasePoint_Buffer2

N

0 420 840 1,680
Scale: 1:10,000 Feet

BANDIT STATE #1 SWD

JOB No. bandit_env_23
DATE FIELD: 11/07/2023 DRAWN LCM
DATE DRAWN: 3/13/2024 REVIEW JAW

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Figure #3 Area Cave and Karst Resource Inventory

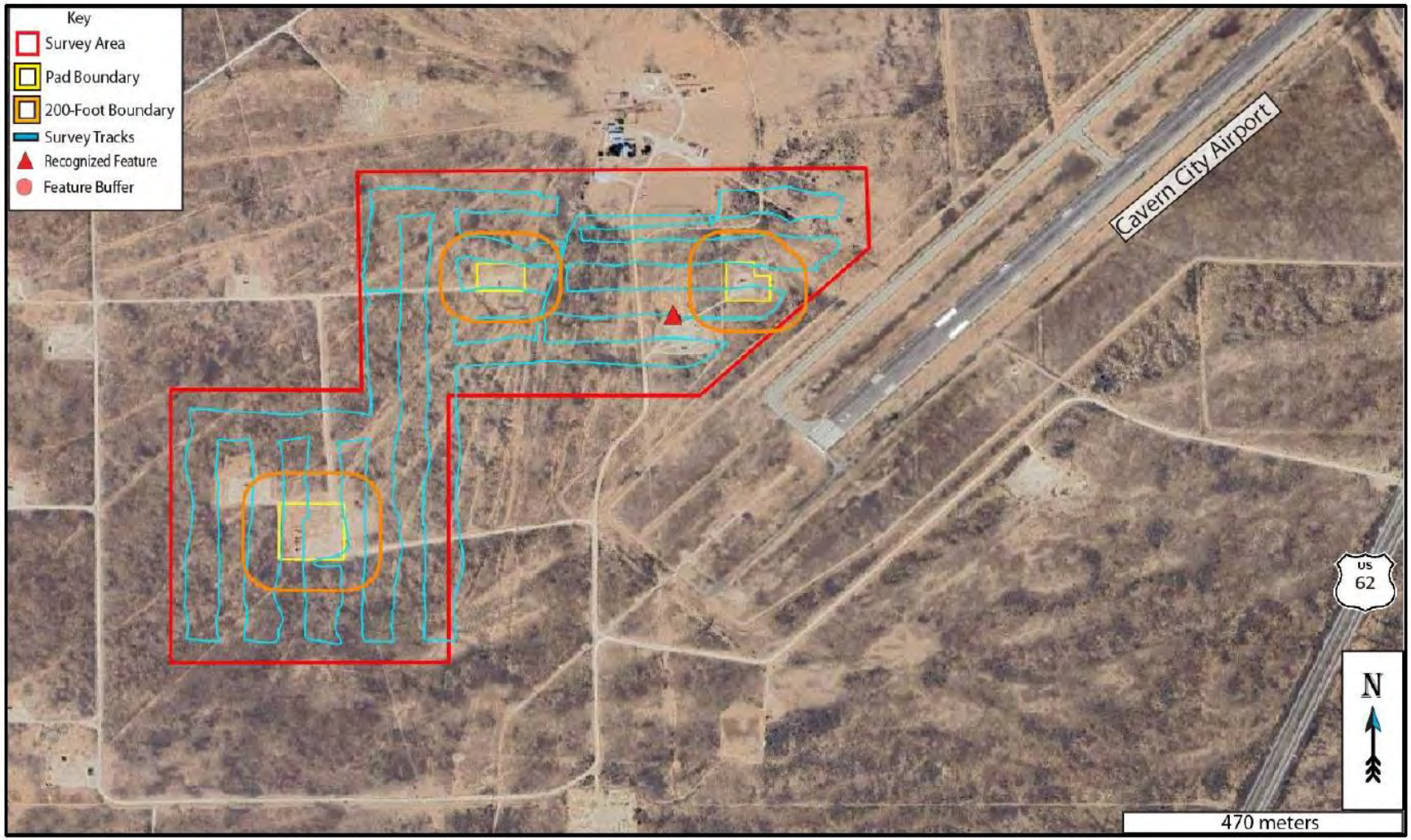


**Figure 4: Survey overview. Red polygon is the study area. Blue wavy lines are the actual survey lines walked by Decker. Red triangle is the located karst feature. Red translucent circle is the buffer zone for the karst features (10 meters in diameter for this feature, hidden beneath the feature symbol in the image). See accompanying data files ATKE-002-20240312_SARG_Data_Files for more details. Background image credit: Google Earth. Image date: April 15, 2023. Datum: WGS-84.**

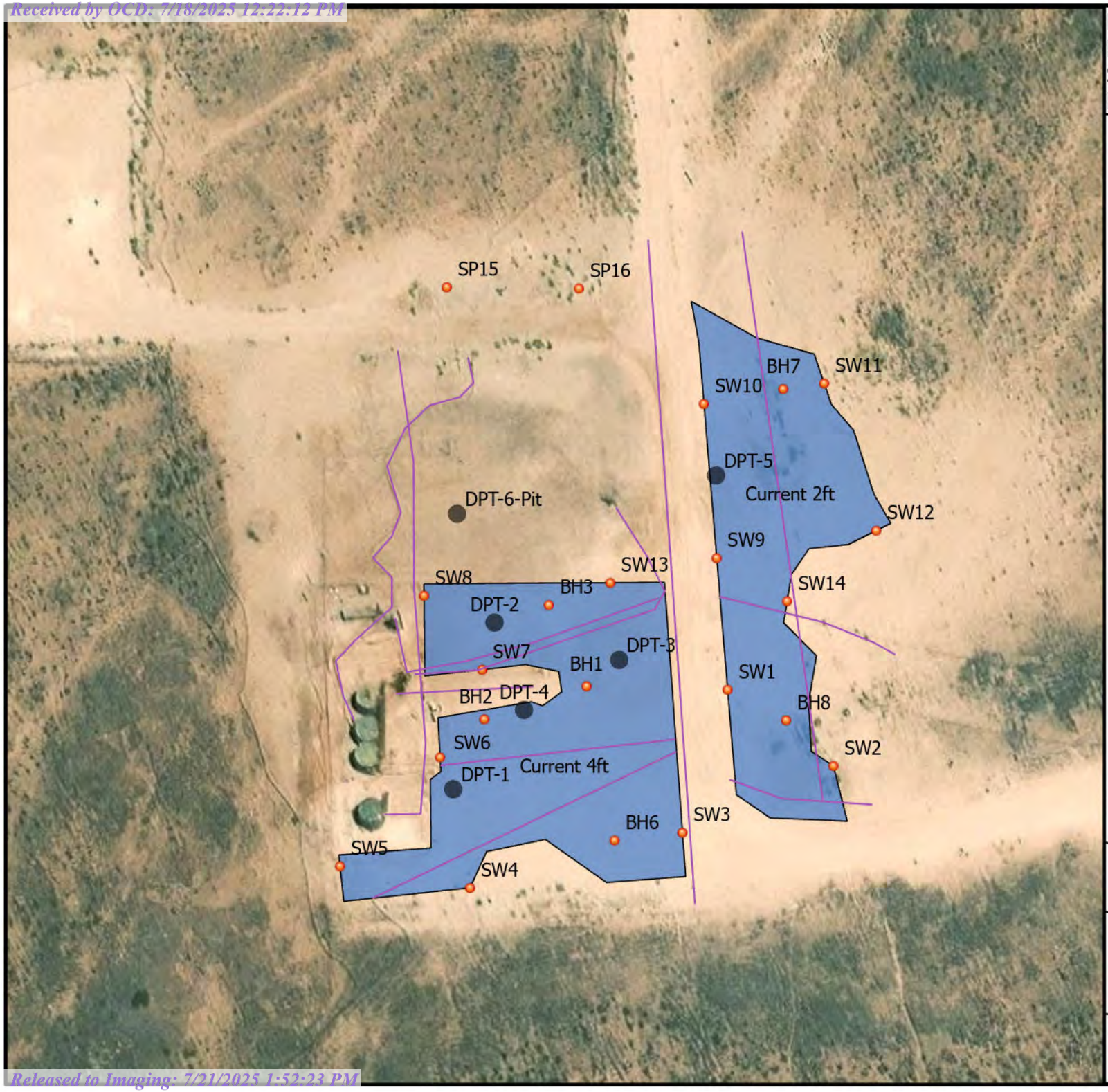


FIGURE 4
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY
Excavation and Sample Points

LEGEND

- Sample Location
- Excavation Area
- Pipeline
- Soil Bores

N

0 40 80 160

Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23

DATE FIELD: 06/06/24 DRAWN JAW

DATE DRAWN: 6/19/2024 REVIEW LCM

Atkins ENGINEERING ASSOCIATES

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FIGURE 5
BANDIT STATE SWD #001
SARAGOSSA 10 STATE BATTERY
Approximate Revegetation Area

LEGEND
Revegetation

N

0 40 80 160
Scale: 1:1,000 Feet

32.320914, -104.283330

JOB No. bandit_env_23
DATE FIELD: 06/06/24 DRAWN JAW
DATE DRAWN: 6/24/2024 REVIEW LCM

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# Log

# DPT-1

**Page 1 of 1**

**Location:** Bandswd.env.23

**Purpose:** Soil Sample

**Project:** bandswd.env.23

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32083 |
| **Longitude** | -104.28337 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 4.5 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 | | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry ( plastic liner ) |
| 4 – 5 | | Rock | Refusal at depth |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-2

**Page 1 of 1**

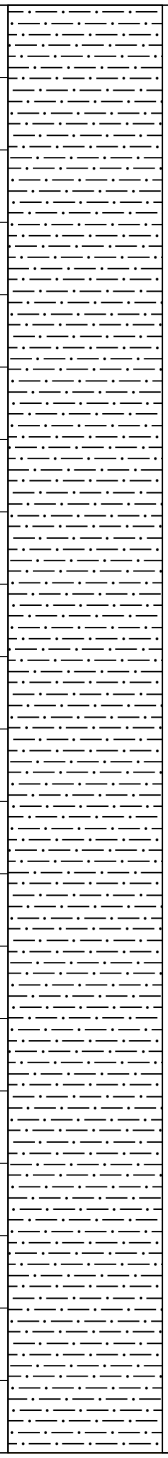
**Location:** Bandit 22

**Purpose:** Soil Sample

**Project:** bandswd.env.24

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32111 |
| **Longitude** | -104.28328 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 4 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry (plastic liner at surface) |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-3

**Page 1 of 1**

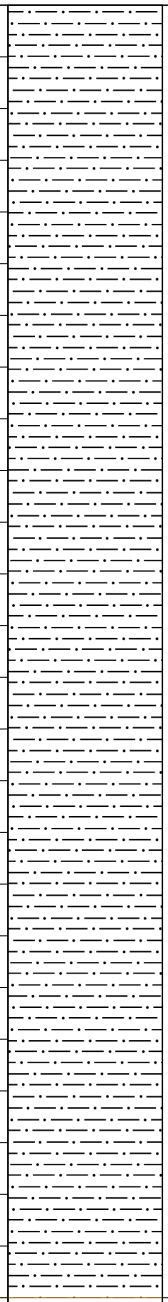
**Location:** Bandswd.env.25

**Purpose:** Soil Sample

**Project:** bandswd.env.25

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32105 |
| **Longitude** | -104.28303 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 5 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 5 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry |
| 5 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:Plugged boring using Hydrated bentonite

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-4

**Page 1 of 1**

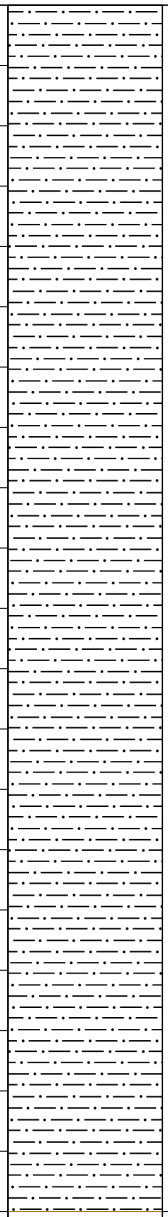
**Location:** Eddy Co., NM

**Purpose:** Soil Sample

**Project:** bandswd.env.26

| | |
|---|---|
| **Completion Date** | 9/20/2024 |
| **Drilling Contractor** | Atkins Engineering Assoc. |
| **Drilling Method** | DPT |
| **Boring Diameter** | 2.5" |
| **Latitude** | 32.32096 |
| **Longitude** | -104.28322 |
| **Surface Elevation (ft)** | 3308 |
| **Total Depth (ft)** | 6 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 |  | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |
| 4 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-5

**Page 1 of 1**

**Location:** Bandswd.27

**Purpose:** Soil Sample

**Project:** bandswd.env.27

| | | | |
|---|---|---|---|
| **Completion Date** | 9/20/2024 | **Latitude** | 32.32137 |
| **Drilling Contractor** | Atkins Engineering Assoc. | **Longitude** | -104.28283 |
| **Drilling Method** | DPT | **Surface Elevation (ft)** | 3308 |
| **Boring Diameter** | 2.5" | **Total Depth (ft)** | 4 |

| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 3 | | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |
| 3 – 6 | | | |

**Lithology Legend**

SiltyClay

NOTES:

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

# Log

# DPT-6

**Page 1 of 1**

**Location:** Sandhills

**Purpose:** Soil Sample

**Project:** bandswd.env.28

| | | | |
|---|---|---|---|
| **Completion Date** | 9/20/2024 | **Latitude** | 32.3213 |
| **Drilling Contractor** | Atkins Engineering Assoc. | **Longitude** | -104.28336 |
| **Drilling Method** | DPT | **Surface Elevation (ft)** | 3308 |
| **Boring Diameter** | 2.5" | **Total Depth (ft)** | 4.5 |



| Depth in Feet | Lithology | USCS | Description |
|---|---|---|---|
| 0 – 4 | | SC | Clayey sand, fine-grained, semiconsolidated, tannish brown , dry, |
| 4 – 5 | | Rock | Bedrock-Refusal |

**Lithology Legend**

SiltyClay

NOTES:Plugged boring using Hydrated bentonite

Atkins ENGINEERING ASSOCIATES

2904 W 2nd St
Roswell, New Mexico 88201

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Section 6. LOG OF HOLE

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 1 | 1 | Top soil |
| 1 | 20 | 19 | clichie |
| 20 | 50 | 30 | gravel |
| 50 | 60 | 10 | brown shale |
| 60 | 105 | 45 | gravel |
| 105 | 135 | 30 | brown shale gravel |
| 135 | 165 | 30 | conglomerated rock |
| 165 | 209 | 44 | brown shale gravel |
| 209 | 230 | 21 | yellow & tan conglomerated rock |
| 230 | 232 | 2 | crevase |
| 232 | 246 | 14 | conglomerated rock |
| 246 | 255 | 9 | solid conglomerated rock |
| 255 | 260 | 5 | conglomerated rock (water) |
| 260 | 281 | 21 | shale and rock |
| 281 | 288 | 7 | conglomerated rock |

Section 7. REMARKS AND ADDITIONAL INFORMATION

Gravel Pack well

ROSWELL NEW MEXICO OFFICE
'95 APR 28 AM 11 30

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

Mark Hammond
Driller

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

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Revised June 1972

STATE ENGINEER OFFICE

118

# WELL RECORD

## Section 1. GENERAL INFORMATION

(A) Owner of well Bill & Beverly Gillock Owner's Well No. _____
Street or Post Office Address 159 Gillock RD.
City and State Carlsbad, N. M. 88220

Well was drilled under Permit No. C-2393 and is located in the:

a. ____ ¼ ____ ¼ S½ ¼ SE ¼ of Section 3 Township ~~5~~ 23S Range 26E N.M.P.M.

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

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

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

(B) Drilling Contractor C & J Drilling License No. WD 461

Address Box 935 Artesia, N.M. 88210

Drilling Began 5-17-94 Completed 5-27-94 Type tools Cable Size of hole 11 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 290 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 245 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---|---|---|---|---|
| 252 | 261 | 9 | broken conglomerate | |
| | | | water bearing | 15 |
| | | | | |
| | | | | |

## Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet Top | Depth in Feet Bottom | Length (feet) | Type of Shoe | Perforations From | Perforations To |
|---|---|---|---|---|---|---|---|---|
| 7 | 23 | 8 | 0 | 290 | 291 | coller | 240 | 290 |
| | | | | | | | | |
| | | | | | | | | |

## Section 4. RECORD OF MUDDING AND CEMENTING

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

## Section 5. PLUGGING RECORD

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

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

FOR USE OF STATE ENGINEER ONLY

Date Received 06-07-9 4

Quad _____ FWL _____ FSL _____

23.26 3.43412

File No. C-2393 Use Domestic/Stock Location No. 23S.26E.3.43412

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Section 6. LOG OF HOLE

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 2 | 2 | top soil |
| 2 | 20 | 18 | clichie & gravel rock |
| 20 | 50 | 30 | large gravel |
| 50 | 60 | 10 | brown shale |
| 60 | 105 | 45 | large gravel |
| 105 | 135 | 30 | brown shale with gravel |
| 135 | 165 | 30 | conglomerated rock |
| 165 | 210 | 45 | brown shale, gravel rock |
| 210 | 235 | 25 | yellow & tan conglomerated rock |
| 235 | 240 | 5 | crevice, lost fluid |
| 240 | 252 | 12 | conglomerated yellow& brown rock |
| 252 | 261 | 9 | conglomerated rock, water bearing |
| 261 | 265 | 4 | brown & tan shale with rock |
| 265 | 275 | 10 | conglomerated rock- some shale, possible water |
| 275 | 290 | 15 | conglomerated rock & shale |

Section 7. REMARKS AND ADDITIONAL INFORMATION

gravel pack with 8 yds 1" gravel 40' from surface

RECEIVED
'91 JUN 7 PM 12 18
OIL CONSERVATION DIVISION

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

J O Hammons
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All items, except Section 5, shall be answered as completely and accurately as possible when any well is completed or abandoned. If this form is used as a plugging record, only Section 1(a) and Section 7 need be completed.

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**Material Quantities**

| Material | Class A | Class B |
|---|---|---|
| Seed Mix | According to seed zone | 2x seed zone weight |
| Compost Mulch | 134 cu.yd./acre | NA |
| Fertilizer | 1000 lbs./acre | 1000 lbs./acre |
| Biotic Soil Amendment | NA | 4000 lbs./acre for zones 2, 4, 6 4500 lbs./acre for zones 1, 3, 5 |
| Straw | 4000 lbs./acre | NA |
| Tackifier | 200 lbs./acre | NA |
| Rock Mulch | NA | NA |
| Hydromulch with Tackifier | NA | 2000 lbs./acre |

**Material Quantities**

| Seed Zone | Class A acres | Class B acres |
|---|---|---|
| 5 | 0.50 | 0.60 |

**TOTAL QUANTITIES**

| | | |
|---|---|---|
| **Seed Mix** | 5.14 | 12.336 |
| **Compost Mulch** | 67.00 | NA |
| **Fertilizer** | 500.00 | 600.00 |
| **Biotic Soil Amendment** | NA | 2700.00 |
| **Straw** | 2000.00 | NA |
| **Tackifier** | 100.00 | NA |
| **Rock Mulch** | NA | NA |
| **Hydromulch with Tackifier** | NA | 1200.00 |

| | |
|---|---|
| **Seed Mix** | 21.588 |
| **Compost Mulch** | 67.00 |
| **Fertilizer** | 1300.00 |
| **Biotic Soil Amendment** | 2700.00 |
| **Straw** | 100.00 |
| **Tackifier** | 100.00 |
| **Rock Mulch** | 0.00 |
| **Hydromulch with Tackifier** | 1200.00 |

| Class C | Hand Application |
|---|---|
| 2x seed zone weight | 2x seed zone weight |
| NA | NA |
| 1000 lbs./acre | 1000 lbs./acre |
| NA | NA |
| NA | NA |
| NA | NA |
| 300 tons/acre | NA |
| 2000 lbs./acre | NA |

| Class C acres | Hand Application acres |
|---|---|
| 0.00 | 0.20 |

| | |
|---|---|
| 0 | 4.112 |
| NA | NA |
| 0.00 | 200.00 |
| NA | NA |
| NA | NA |
| NA | NA |
| 0.00 | NA |
| 0.00 | NA |

Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

# NMSLO Cultural Resources Cover Sheet
## Exhibit 24-06-02

**NMCRIS Activity Number:** 155892
(if applicable)

**Exhibit Type** (select one)

○ **ARMS Inspection/Review** - Summarize the results (select one):

☐ (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.

☐ (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.

☐ (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

○ **Archaeological Survey**

**Findings:**

☑ **Negative** - No further archaeological review is required.

☐ **Positive** - Have avoidance and protection measures been devised? Select one: No

**Comments:** The survey located no cultural materials in the proposed 3R Bandit SWD #1 Off-Pad Area for Atkins Engineering Associates, Inc. These findings allow for archaeological clearance to be recommended for the project as it is currently planned. If cultural materials are encountered, at

**Project Details:**

NMSLO Lease Number (if available):

Cultural Resources Consultant: APAC Jeffrey Pangburn

Project Proponent (Applicant): Atkins Engineering Associates, Inc.

Project Title/Description: A Cultural Survey of the 3R Bandit SWD #1 Off-Pad Area for Re-vegetation as part of Remediation Efforts for an Accidental Release in Eddy County, New Mexico for Atkins Engineering Associates, Inc.

**Project Location:**

County(ies): Eddy County, NM

PLSS/Section/Township/Range): T23S R26E S10

---

***For NMSLO Agency Use Only:***

NMSLO Lease Number: Acknowledgment-Only: ☐

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

*No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.*

Form Revised 12 22

Received by OCD: 7/18/2025 12:22:12 PM


SW W NW N
210 240 270 300 330 0

290°W (T) **LAT:** 32.321720 **LON:** -104.282981 ±9ft ▲ 3316ft

Released to Imaging: 7/21/2025 1:52:23 PM

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | NAB1921736522 |
| District RP | 2RP-5549 |
| Facility ID | |
| Application ID | pAB1921736242 |

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party Read & Stevens, Inc. | OGRID 18917 |
| Contact Name Kelly Barajas | Contact Telephone 575-624-3760 |
| Contact email kbarajas@read-stevens.com | Incident # *(assigned by OCD)* NAB1921736522 |
| Contact mailing address PO Box 1518, Roswell, NM 88202 | |

## Location of Release Source

Latitude 32.320914 32-19-15.29N NAD 83 Longitude -104.283364 104-17-00.11W

*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name Bandit State #1 SWD | Site Type SWD well |
| Date Release Discovered 7/16/2019 | API# *(if applicable)* 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy County, NM |

Surface Owner: ☑ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☑ Produced Water | Volume Released (bbls) 100 | Volume Recovered (bbls) In Progress |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release
There was a hole in the discharge line.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NAB1921736522 |
| District RP | 2RP-5549 |
| Facility ID | |
| Application ID | pAB1921736242 |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br>☑ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release?<br>There was a minimum of 100 bbls of water released from the hole in the discharge line. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>By phone, spoke with Robert Hamlet at the OCD office for Eddy County at 11:45 AM on July 16, 2019. Followed up with 3 emails. | |

## 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.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:
Joe Tovar is in contact with Republic Backhoe Service to find out when they are available to recover the water and contaminated soil from the release.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.

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

Printed Name: Kelly Barajas
Title: Production & Regulatory
Signature: KBarajas
Date: July 16, 2019
email: kbarajas@read-stevens.com
Telephone: 575-624-3760

**OCD Only**

Received by: Amalia Bustamante
Date: 8/5/2019

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NAB1922139305 |
| District RP | 2RP-5567 |
| Facility ID | |
| Application ID | pAB1922131667 |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? ☑ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release? There was a 75 bbls of water released from one of the fittings from a leak. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By phone, spoke with Victoria Venegas at the OCD office in Eddy County at 9:28 AM on July 29, 2019. Followed up with 1 email stating the same. | |

## 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.
☑ The impacted area has been secured to protect human health and the environment.
☑ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:
Joe Tovar is in contact with Republic Backhoe Service to find out when they are available to recover the water and contaminated soil from the release.

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.

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

Printed Name: Kelly Barajas
Title: Production & Regulatory
Signature: K Barajas
Date: July 29, 2019
email: kbarajas@read-stevens.com
Telephone: 575-624-3760

**OCD Only**

Received by: Amalia Bustamante
Date: 8/9/2019

District I
1625 N. French Dr., Hobbs, NM 88240
District II
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1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | nAB1922139305 |
| District RP | 2RP-5567 |
| Facility ID | |
| Application ID | pAB1922131667 |

77K0G-190729-C-1410

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party Read & Stevens, Inc. | OGRID 18917 |
| Contact Name Kelly Barajas | Contact Telephone 575-624-3760 |
| Contact email kbarajas@read-stevens.com | Incident # *(assigned by OCD)* NAB1922139305 |
| Contact mailing address PO Box 1518, Roswell, NM 88202 | |

## Location of Release Source

Latitude **32.320914 32-19-15.29N NAD 83** AB

Longitude **-104.283330 104-17-00.11W AB

*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name Bandit State #1 SWD | Site Type SWD well |
| Date Release Discovered 7/27/2019 | API# *(if applicable)* 30-015-21071 |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| F | 10 | 23S | 26E | Eddy County, NM |

Surface Owner: ☑ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☑ Produced Water | Volume Released (bbls) 75 | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release
One of the fitting valves had a leak.

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State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

# Release Notification and Corrective Action

nJMW1217334502

## OPERATOR

X Initial Report  Final Report

| | |
|---|---|
| Name of Company Read & Stevens, Inc 18917 | Contact Will Palmer |
| Address PO Box 1719, Lovington, NM 88260 | Telephone No. (575) 396-5391 |
| Facility Name Saragossa 10 State Tank Battery | Facility Type tank battery |

| | | |
|---|---|---|
| Surface Owner State of New Mexico | Mineral Owner State of New Mexico | Lease No. API 30-015-21071 Bandit St Swd #1 |

## LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---|---|---|---|---|---|---|---|---|
| F | 10 | 23-S | 26-E | | | | | Eddy |

Latitude _____ Longitude _____

## NATURE OF RELEASE

| | | |
|---|---|---|
| Type of Release produced oil | Volume of Release ~140 bbls | Volume Recovered 10 bbls |
| Source of Release<br>Tank bottom developed leak | Date and Hour of Occurrence<br>Between 1000 hours 6.5.12 and 1000 hours 6.6.12 | Date and Hour of Discovery<br>06.6.12 1000 hours |
| Was Immediate Notice Given?<br>X Yes ☐ No ☐ Not Required | If YES, To Whom?<br>Mr. Mike Bratcher, OCD | |
| By Whom? Mr. Will Palmer | Date and Hour 06.6.12 – 1145 hours | |
| Was a Watercourse Reached?<br>☐ Yes X No | If YES, Volume Impacting the Watercourse. | |

RECEIVED
JUN 18 2012
NMOCD ARTESIA

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Pumper started the circulating pump at the facility. A hole developed in the circulating line after the pumper left the location. The bermed area was filled with produced oil which broke over the top of the berm. Remedial action being done involveds replacing the leaking steel nipple.

Describe Area Affected and Cleanup Action Taken.*
The affected area is contained in a 150' x 150' tract. The affected soil is being removed and taken to an OCD approved land farm. Surface soil samples will be taken and checked for hydrocarbon contamination. Fresh topsoil will be purchased, hauled in, and contoured over area. Earthen berms will be rebuilt around the tank battery.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

| | |
|---|---|
| Signature: William V. Palmer | OIL CONSERVATION DIVISION<br>Signed By Mike Bratcher |
| Printed Name: William V. Palmer | Approved by District Supervisor: |
| Title: Manager, Production & Completions | Approval Date: JUN 21 2012 Expiration Date: |
| E-mail Address: WPALMER@READ-STEVENS.COM | Conditions of Approval: Attached ☐ |
| Date: June 11, 2012 Phone: 575.396.5391 | |

* Attach Additional Sheets If Necessary

Remediation per OCD Rules & Guidelines. **SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:** 7/21/12

2RP-1180

**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 243925

## QUESTIONS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>243925 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Location of Release Source**<br>*Please answer all the questions in this group.* | |
|---|---|
| Site Name | SARAGOSSA 10 STATE COM |
| Date Release Discovered | 07/23/2023 |
| Surface Owner | State |

| **Incident Details**<br>*Please answer all the questions in this group.* | |
|---|---|
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| 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**<br>*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.* | |
|---|---|
| Crude Oil Released (bbls) Details | *Not answered.* |
| Produced Water Released (bbls) Details | Cause: Human Error \| Truck \| Produced Water \| Released: 220 BBL \| Recovered: 70 BBL \| Lost: 150 BBL. |
| Is the concentration of dissolved 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) | water hauler failed to remove his hose after pulling a load of water and drove off with it connected, breaking the drain valve off the back of the tank. The total release was 220 bbls of water and 70 bbls were recovered. Everything stayed within the berm, repairs are being made to the tank |

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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 (continued)

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>243925 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**QUESTIONS**

| **Nature and Volume of Release (continued)** | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | **No, according to supplied volumes this does not appear to be a "gas only" report.** |
| Was this a major release as defined by 19.15.29.7(A) NMAC | **Yes, major release.** |
| Reasons why this would be considered a submission for a notification of a major release | • Unauthorized release of a volume, excluding gases, of 25 barrels or more |
| If YES, was immediate notice given to the OCD, by whom | Lauren Franco |
| If YES, was immediate notice given to the OCD, to whom | Mike Bratcher |
| If YES, was immediate notice given to the OCD, when | 07/25/2023 |
| If YES, was immediate notice given to the OCD, by what means (phone, email, etc.) | phone |
| *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**<br>*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.* | |
|---|---|
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | *Not answered.* |
| *Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.* | |

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



## ACKNOWLEDGMENTS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>243925 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**ACKNOWLEDGMENTS**

| | |
|---|---|
| ☑ | I acknowledge that I am authorized to submit notification of a releases on behalf of my operator. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | 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. |
| ☑ | I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |

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

CONDITIONS

Action 243925

## CONDITIONS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>4000 N BIG SPRING ST<br>Midland, TX 79705 | OGRID:<br>331569 |
| | Action Number:<br>243925 |
| | Action Type:<br>[NOTIFY] Notification Of Release (NOR) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| lfranco | When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141. | 7/25/2023 |

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State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

# Release Notification and Corrective Action

## OPERATOR

X Initial Report ☐ Final Report

| | | | |
|---|---|---|---|
| Name of Company | Read & Stevens, Inc | Contact | Will Palmer |
| Address | PO Box 1518, Roswell, NM 88202 | Telephone No. | 505.396.5391 |
| Facility Name | Shell State #3 flowline | Facility Type | flowline |

| | | | | | |
|---|---|---|---|---|---|
| Surface Owner | State of New Mexico | Mineral Owner | State of New Mexico | Lease No. | K-3836 |

## LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---|---|---|---|---|---|---|---|---|
| H | 18 | 11S | 33E | 1480 | North | 510 | East | Lea |

Latitude_____ Longitude_____

WTR 40'
3002523014000

## NATURE OF RELEASE

| | | |
|---|---|---|
| Type of Release: produced oil & water | Volume of Release: 10 bbls | Volume Recovered: -0- bbls |
| Source of Release: flowline rupture | Date and Hour of Occurrence: 10.21.06 not sure of hour | Date and Hour of Discovery: 10.21.06 1000 hours |
| Was Immediate Notice Given? X Yes ☐ No ☐ Not Required | If YES, To Whom? Buddy Hill, OCD | |
| By Whom? Mr. Ricky Pearce | Date and Hour: 10.21.06 1000 hours | |
| Was a Watercourse Reached? ☐ Yes X No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Received

Describe Cause of Problem and Remedial Action Taken.*
The flowline carrying produced oil and water from the Shell State #3 well to the tank battery ruptured resulting in the release of approximately 10 barrels of produced fluid. The flowline was repaired and the leak stopped.

Describe Area Affected and Cleanup Action Taken.*
The affected area covered 20 ft by 60 ft. The contaminated material was removed to a depth of 5" below surface and was shipped to an aerated land farm. Fresh, uncontaminated material was placed in the affected area and leveled to the contour of the land. Grass seed, native to the area, was planted.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: William V Palmer

Printed Name: William V. Palmer

Title: Superintendent

E-mail Address: readandstevensinc@leaco.net

Date: October 26, 2006 Phone: 505.396.5391

## OIL CONSERVATION DIVISION

Approved by District Supervisor: ENVIR ENGR

Approval Date: 5.29.07 Expiration Date: 7.29.07

Conditions of Approval: FINAL REPORT READ BY ATTACH ANALYTICALS, BILLS OF LADEN

Attached ☐

- Attach Additional Sheets If Necessary

incident - nPAC0715030512
application - pPAC0715030601

RP# 1383

Received by OCD: 7/18/2025 12:22:12 PM


Revised June 1972

STATE ENGINEER OFFICE

# WELL RECORD

## Section 1. GENERAL INFORMATION

(A) Owner of well Bill Gillock Owner's Well No. 1
Street or Post Office Address 159 Gillock RD.
City and State Carlsbad N M 88220

Well was drilled under Permit No. C-2382 and is located in the:

a. ____ ¼ ____ ¼ S½ ¼ SE ¼ of Section 3 Township 23S Range 26E NMPM

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in EDDY County.

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

(B) Drilling Contractor C & J Drilling License No. WD 461
Address Box 935 Artesia, NM 88210

Drilling Began 4-6-94 Completed 4-16-94 Type tools cable Size of hole 10 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 288 ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 248 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---|---|---|---|---|
| 255 | 260 | 5 | Broken Conglomerate | 30 |
| | | | | |
| | | | | |
| | | | | |

## Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet Top | Depth in Feet Bottom | Length (feet) | Type of Shoe | Perforations From | Perforations To |
|---|---|---|---|---|---|---|---|---|
| 7 | 23 | 8 | 1 | 288 | 289 | collar | 228 | 288 |
| | | | | | | | | |
| | | | | | | | | |

## Section 4. RECORD OF MUDDING AND CEMENTING

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

## Section 5. PLUGGING RECORD

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

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

FOR USE OF STATE ENGINEER ONLY

Date Received 04-28-95
Quad ____ FWL ____ FSL ____
File No. C-2382 Use Domestic/Stock Location No. 23S.26E.3.43243

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Received by OCD: 7/18/2025 12:22:12 PM


Section 6. LOG OF HOLE

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 1 | 1 | Top soil |
| 1 | 20 | 19 | clichie |
| 20 | 50 | 30 | gravel |
| 50 | 60 | 10 | brown shale |
| 60 | 105 | 45 | gravel |
| 105 | 135 | 30 | brown shale gravel |
| 135 | 165 | 30 | conglomerated rock |
| 165 | 209 | 44 | brown shale gravel |
| 209 | 230 | 21 | yellow & tan conglomerated rock |
| 230 | 232 | 2 | crevase |
| 232 | 246 | 14 | conglomerated rock |
| 246 | 255 | 9 | solid conglomerated rock |
| 255 | 260 | 5 | conglomerated rock (water) |
| 260 | 281 | 21 | shale and rock |
| 281 | 288 | 7 | conglomerated rock |

Section 7. REMARKS AND ADDITIONAL INFORMATION

Gravel Pack well

ROSWELL NEW MEXICO OFFICE
'95 APR 28 AM 11 30

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

Mark Hammond
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. If this form is used as a plugging record, only Section 1(a) and Section 6 need be completed.

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Received by OCD: 7/18/2025 12:22:12 PM


Revised June 1972

STATE ENGINEER OFFICE

118

# WELL RECORD

## Section 1. GENERAL INFORMATION

(A) Owner of well Bill & Beverly Gillock Owner's Well No. _____
Street or Post Office Address 159 Gillock RD.
City and State Carlsbad, N. M. 88220

Well was drilled under Permit No. C-2393 and is located in the:

a. ____ ¼ ____ ¼ S½ ¼ SE ¼ of Section 3 Township 23S Range 26E N.M.P.M.

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

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

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

(B) Drilling Contractor C & J Drilling License No. WD 461

Address Box 935 Artesia, N.M. 88210

Drilling Began 5-17-94 Completed 5-27-94 Type tools Cable Size of hole 11 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 290 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 245 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---|---|---|---|---|
| 252 | 261 | 9 | broken conglomerate | |
| | | | water bearing | 15 |
| | | | | |
| | | | | |

## Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet Top | Depth in Feet Bottom | Length (feet) | Type of Shoe | Perforations From | Perforations To |
|---|---|---|---|---|---|---|---|---|
| 7 | 23 | 8 | 0 | 290 | 291 | coller | 240 | 290 |
| | | | | | | | | |
| | | | | | | | | |

## Section 4. RECORD OF MUDDING AND CEMENTING

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

## Section 5. PLUGGING RECORD

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

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

## FOR USE OF STATE ENGINEER ONLY

Date Received 06-07-9 4

Quad _____ FWL _____ FSL _____

23.26 3.43412

File No. C-2393 Use Domestic/Stock Location No. 23S.26E.3.43412

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Received by OCD: 7/18/2025 12:22:12 PM


Section 6. LOG OF HOLE

| Depth in Feet From | Depth in Feet To | Thickness in Feet | Color and Type of Material Encountered |
|---|---|---|---|
| 0 | 2 | 2 | top soil |
| 2 | 20 | 18 | clichie & gravel rock |
| 20 | 50 | 30 | large gravel |
| 50 | 60 | 10 | brown shale |
| 60 | 105 | 45 | large gravel |
| 105 | 135 | 30 | brown shale with gravel |
| 135 | 165 | 30 | conglomerated rock |
| 165 | 210 | 45 | brown shale, gravel rock |
| 210 | 235 | 25 | yellow & tan conglomerated rock |
| 235 | 240 | 5 | crevice, lost fluid |
| 240 | 252 | 12 | conglomerated yellow& brown rock |
| 252 | 261 | 9 | conglomerated rock, water bearing |
| 261 | 265 | 4 | brown & tan shale with rock |
| 265 | 275 | 10 | conglomerated rock- some shale, possible water |
| 275 | 290 | 15 | conglomerated rock & shale |

Section 7. REMARKS AND ADDITIONAL INFORMATION

gravel pack with 8 yds 1" gravel 40' from surface

RECEIVED
'91 JUN 7 PM 12 18
OIL CONSERVATION DIV.
SANTA FE, NEW MEXICO

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

J O Hammons
Driller

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

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OCD Permitting



# [C-141] Remediation Closure Request C-141 (C-141-V-CLOSURE) Application

## Submission Information

| | | | |
|---|---|---|---|
| **Submission ID:** | 408787 | **Districts:** | Artesia |
| **Operator:** | [331569] 3R Operating, LLC | **Counties:** | Eddy |
| **Description:** | 3R Operating, LLC [331569] , BANDIT STATE SWD #001 , nAB1922139305 | | |
| **Status:** | REJECTED | | |
| **Status Date:** | 12/17/2024 | | |
| **References (2):** | 30-015-21071, nAB1922139305 | | |

## Forms

**Attachments:** Volume Calculation, Water Sources, Scaled Site Map, Field Data, Soil Contaminant, Water Depth, Boring Logs, Photographs, Topo Aerial Maps, Lab Data, Proposed Technique, Estimated Volume, Closure Criteria, Proposed Schedule

Closure Criteria, Scaled Site Map, Photographs, Lab Samples OR Liner Integrity, Remediation Activities

## Questions

### Prerequisites

| | |
|---|---|
| Incident Operator | [331569] 3R Operating, LLC |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-015-21071] BANDIT STATE SWD #001 |
| Incident Facility | *Unavailable.* |

### Location of Release Source

*Please answer all the questions in this group.*

| | |
|---|---|
| Site Name | BANDIT STATE SWD #001 |
| Date Release Discovered | 07/27/2019 |
| Surface Owner | State |

### Incident Details

*Please answer all the questions in this group.*

| | |
|---|---|
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |

# Appendix G
# Cultural Properties Protection Rule Documentation

Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

# NMSLO Cultural Resources Cover Sheet
## Exhibit 24-06-02

**NMCRIS Activity Number:** 155892
(if applicable)

**Exhibit Type** (select one)

○ **ARMS Inspection/Review** - Summarize the results (select one):

- ☐ (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- ☐ (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- ☐ (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

◉ **Archaeological Survey**

**Findings:**

☑ **Negative** - No further archaeological review is required.

☐ **Positive** - Have avoidance and protection measures been devised? Select one: No

**Comments:** The survey located no cultural materials in the proposed 3R Bandit SWD #1 Off-Pad Area for Atkins Engineering Associates, Inc. These findings allow for archaeological clearance to be recommended for the project as it is currently planned. If cultural materials are encountered, at

**Project Details:**

NMSLO Lease Number (if available):

Cultural Resources Consultant: APAC Jeffrey Pangburn

Project Proponent (Applicant): Atkins Engineering Associates, Inc.

Project Title/Description: A Cultural Survey of the 3R Bandit SWD #1 Off-Pad Area for Re-vegetation as part of Remediation Efforts for an Accidental Release in Eddy County, New Mexico for Atkins Engineering Associates, Inc.

**Project Location:**

County(ies): Eddy County, NM

PLSS/Section/Township/Range): T23S R26E S10

---

***For NMSLO Agency Use Only:***

NMSLO Lease Number: Acknowledgment-Only: ☐

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

*No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.*

Form Revised 12 22

# Appendix H
# Special Species or Critical Habitat Report

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

## Location

Eddy County, New Mexico

## Local office

New Mexico Ecological Services Field Office

(505) 346-2525
(505) 346-2542

2105 Osuna Road Ne
Albuquerque, NM 87113-1001

NOT FOR CONSULTATION

# Endangered species

**This resource list is for informational purposes only and does not constitute an analysis of project level impacts.**

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

---

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

NOT FOR CONSULTATION

2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

# Birds

| NAME | STATUS |
|---|---|
| Mexican Spotted Owl Strix occidentalis lucida<br>Wherever found<br>There is **final** critical habitat for this species. Your location does not overlap the critical habitat.<br>https://ecos.fws.gov/ecp/species/8196 | Threatened |
| Northern Aplomado Falcon Falco femoralis septentrionalis<br>No critical habitat has been designated for this species.<br>https://ecos.fws.gov/ecp/species/1923 | EXPN |
| Piping Plover Charadrius melodus<br>There is **final** critical habitat for this species. Your location does not overlap the critical habitat.<br>https://ecos.fws.gov/ecp/species/6039 | Threatened |

# Clams

| NAME | STATUS |
|---|---|
| Texas Hornshell Popenaias popeii<br>Wherever found<br>There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.<br>https://ecos.fws.gov/ecp/species/919 | Endangered |

# Insects

| NAME | STATUS |
|---|---|
| Monarch Butterfly Danaus plexippus<br>Wherever found<br>There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.<br>https://ecos.fws.gov/ecp/species/9743 | Proposed Threatened |

# Flowering Plants

NOT FOR CONSULTATION

| NAME | STATUS |
| --- | --- |
| Lee Pincushion Cactus Coryphantha sneedii var. leei<br>Wherever found<br>No critical habitat has been designated for this species.<br>https://ecos.fws.gov/ecp/species/2504 | Threatened |
| Sneed Pincushion Cactus Coryphantha sneedii var. sneedii<br>Wherever found<br>No critical habitat has been designated for this species.<br>https://ecos.fws.gov/ecp/species/4706 | Endangered |

# Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

You are still required to determine if your project(s) may have effects on all above listed species.

# Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their nests, should follow appropriate regulations and implement required avoidance and minimization measures, as described in the various links on this page.

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

Additional information can be found using the following links:

NOT FOR CONSULTATION

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

## Bald & Golden Eagles FAQs

**What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?**

The potential for eagle presence is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (Bald and Golden Eagle Protection Act requirements may apply).

**Proper interpretation and use of your eagle report**

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

**How do I know if eagles are breeding, wintering, or migrating in my area?**

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

**Interpreting the Probability of Presence Graphs**

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

NOT FOR CONSULTATION

***How is the probability of presence score calculated? The calculation is done in three steps:***
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

**Breeding Season ()**
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort ()**
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

**No Data ()**
A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

NOT FOR CONSULTATION

# Migratory birds

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The Service interprets the MBTA to prohibit incidental take.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds

- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

**Measures for Proactively Minimizing Migratory Bird Impacts**

Your IPaC Migratory Bird list showcases birds of concern, including Birds of Conservation Concern (BCC), in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the Nationwide avoidance and minimization measures for birds document, and any other project-specific avoidance and minimization measures suggested at the link Measures for avoiding and minimizing impacts to birds for the birds of concern on your list below.

**Ensure Your Migratory Bird List is Accurate and Complete**

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the Supplemental Information on Migratory Birds and Eagles document, to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

**Review the FAQs**

The FAQs below provide important additional information and resources.

| NAME | BREEDING SEASON |
|---|---|
| Black-chinned Sparrow Spizella atrogularis<br>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.<br>https://ecos.fws.gov/ecp/species/9447 | Breeds Apr 15 to Jul 31 |
| Cactus Wren Campylorhynchus brunneicapillus guttatus<br>This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA<br>https://ecos.fws.gov/ecp/species/8834 | Breeds Mar 5 to Sep 30 |

NOT FOR CONSULTATION

| | |
|---|---|
| Cassin's Sparrow Peucaea cassinii<br>This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA<br>https://ecos.fws.gov/ecp/species/9512 | Breeds Aug 1 to Oct 10 |
| Chestnut-collared Longspur Calcarius ornatus<br>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. | Breeds elsewhere |
| Henry's Common Nighthawk Chordeiles minor henryi<br>This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA | Breeds May 21 to Aug 25 |
| Varied Bunting Passerina versicolor<br>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. | Breeds Apr 25 to Sep 30 |

# Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

**Probability of Presence (■)**

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence

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in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

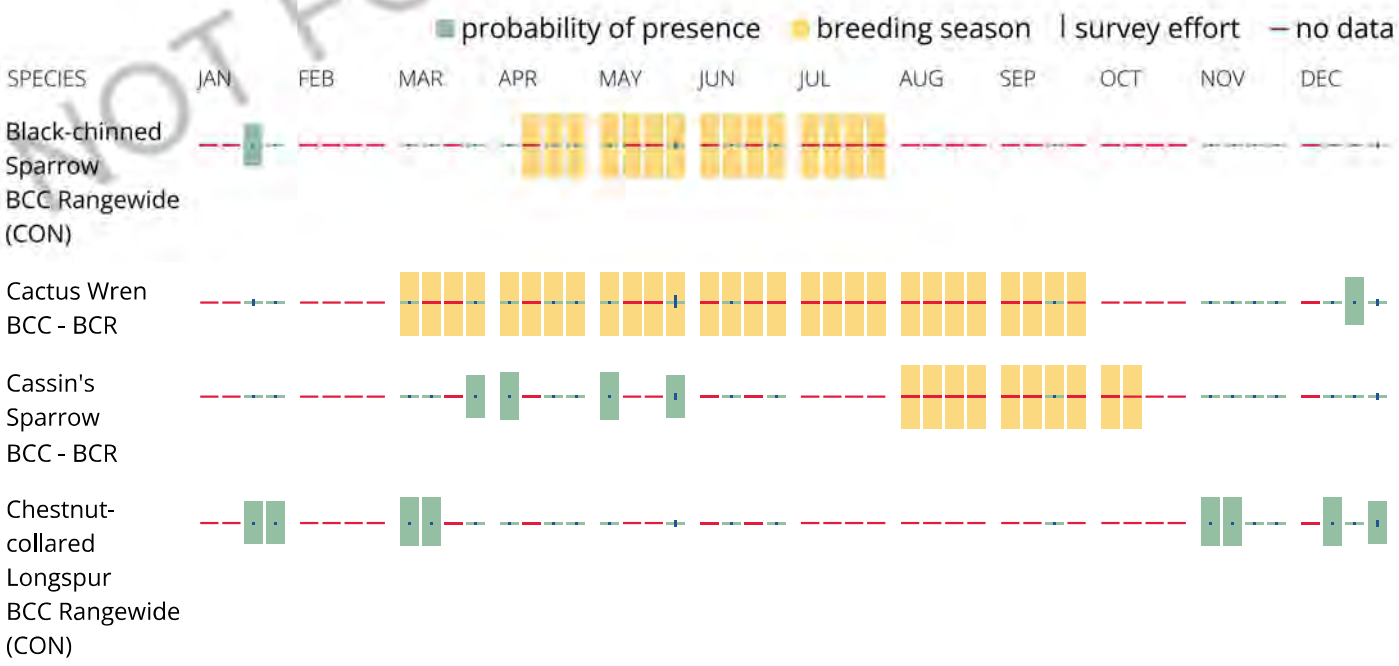
**Breeding Season** (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort** (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

**No Data** (–)
A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**
Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

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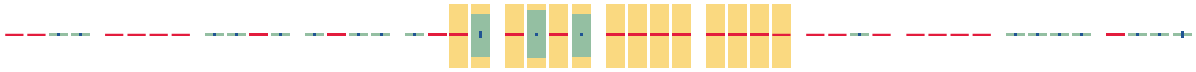
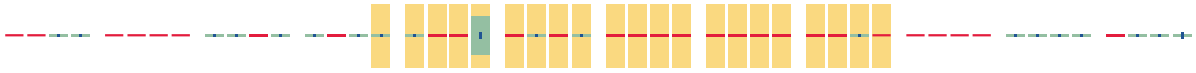
Henry's Common Nighthawk BCC - BCR



Varied Bunting BCC Rangewide (CON)



## Migratory Bird FAQs

**Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.**

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

**What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?**

The Migratory Bird Resource List is comprised of Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the Bald and Golden Eagle Protection Act and those species marked as "Vulnerable". See the FAQ "What are the levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (Bald and Golden Eagle Protection Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the Rapid Avian Information Locator (RAIL) Tool.

**Why are subspecies showing up on my list?**

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

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**What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?**

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

**How do I know if a bird is breeding, wintering, or migrating in my area?**

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

**What are the levels of concern for migratory birds?**

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Bald and Golden Eagle Protection Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

**Details about birds that are potentially affected by offshore projects**

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

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**Proper interpretation and use of your migratory bird report**

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

**Interpreting the Probability of Presence Graphs**
Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

***How is the probability of presence score calculated? The calculation is done in three steps:***
The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

**Breeding Season ()**
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

**Survey Effort ()**
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

**No Data ()**
A week is marked as having no data if there were no survey events for that week.

**Survey Timeframe**

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Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

# Facilities

## Wildlife refuges and fish hatcheries

Refuge and fish hatchery information is not available at this time

# Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

## This location did not intersect any wetlands mapped by NWI.

**NOTE:** This initial screening does **not** replace an on-site delineation to determine whether wetlands occur. Additional information on the NWI data is provided below.

**Data limitations**

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

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### Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

### Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

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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 486473

## QUESTIONS

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>20405 State Highway 249<br>Houston, TX 77070 | OGRID:<br>331569 |
| | Action Number:<br>486473 |
| | Action Type:<br>[C-141] Deferral Request C-141 (C-141-v-Deferral) |

**QUESTIONS**

| **Prerequisites** | |
|---|---|
| Incident ID (n#) | **nJMW1217334502** |
| Incident Name | **NJMW1217334502 BANDIT STATE SWD #001 @ 30-015-21071** |
| Incident Type | **Oil Release** |
| Incident Status | **Deferral Request Received** |
| Incident Well | **[30-015-21071] BANDIT STATE SWD #001** |

| **Location of Release Source** | |
|---|---|
| *Please answer all the questions in this group.* | |
| Site Name | BANDIT STATE SWD #001 |
| Date Release Discovered | 06/05/2012 |
| 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: Corrosion \| Pump \| Crude Oil \| Released: 140 BBL \| Recovered: 10 BBL \| Lost: 130 BBL. |
| Produced Water Released (bbls) Details | *Not answered.* |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | *Not answered.* |
| Natural Gas Vented (Mcf) Details | *Not answered.* |
| Natural Gas Flared (Mcf) Details | *Not answered.* |
| Other Released Details | *Not answered.* |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | *Not answered.* |

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## QUESTIONS (continued)

| | |
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**QUESTIONS**

| **Nature and Volume of Release (continued)** | |
|---|---|
| Is this a gas only submission (i.e. only significant Mcf values reported) | **No, according to supplied volumes this does not appear to be a "gas only" report.** |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | **Yes** |
| Reasons why this would be considered a submission for a notification of a major release | **From paragraph A. "Major release" determine using:**<br>**(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.** |

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

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

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

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

| | |
|---|---|
| I hereby agree and sign off to the above statement | Name: Austin Tramell<br>Title: Director of environmental and regulatory<br>Email: atramell@3roperating.com<br>Date: 07/18/2025 |

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## QUESTIONS (continued)

| | |
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| | Action Number:<br>486473 |
| | Action Type:<br>[C-141] Deferral Request C-141 (C-141-v-Deferral) |

**QUESTIONS**

| **Site Characterization** | |
|---|---|
| *Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | Direct Measurement |
| Did this release impact groundwater or surface water | No |
| **What is the minimum distance, between the closest lateral extents of the release and the following surface areas:** | |
| A continuously flowing watercourse or any other significant watercourse | Between ½ and 1 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Greater than 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Greater than 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Between 1 and 5 (mi.) |
| A wetland | Between 1 and 5 (mi.) |
| A subsurface mine | Between 1 and 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Medium |
| A 100-year floodplain | Between 1 and 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | Yes |

| **Remediation Plan** | |
|---|---|
| *Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.* | |
| Requesting a remediation plan approval with this submission | Yes |
| *Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.* | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| **Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 41200 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 1135 |
| GRO+DRO (EPA SW-846 Method 8015M) | 834 |
| 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 | 09/23/2023 |
| On what date will (or did) the final sampling or liner inspection occur | 04/25/2025 |
| On what date will (or was) the remediation complete(d) | 05/25/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 116500 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 17282 |
| What is the estimated surface area (in square feet) that will be remediated | 108000 |
| What is the estimated volume (in cubic yards) that will be remediated | 11236 |
| *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 (continued)

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**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 | *Not answered.* |
| **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 | Yes |
| In which state is the disposal taking place | Texas |
| What is the name of the out-of-state facility | R360 Redbluff |
| **OR** is the **off-site** disposal site, to be used, an NMED facility | No |
| (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: Austin Tramell<br>Title: Director of environmental and regulatory<br>Email: atramell@3roperating.com<br>Date: 07/18/2025 |
| *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 (continued)

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**QUESTIONS**

| **Deferral Requests Only** | |
|---|---|
| *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.* | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | **Yes** |
| Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction | Yes |
| Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction | 3R respectfully requests a deferral of further excavation activities in the area proximate to active oilfield equipment. Continued advancement of excavation in this location presents a potential risk to human health and safety and would necessitate significant deconstruction of operational infrastructure. 3R commits to completing final remediation and reclamation of the impacted area in accordance with 19.15.29.12 and 19.15.29.13 NMAC, following the decommissioning and abandonment of the facility. |
| What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted | 9500 |
| What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted | 1400 |
| *Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.* | |
| Enter the facility ID (f#) on which this deferral should be granted | BANDIT SWD/SRAGOSSA 10 TANK BATTERY [fAPP2325831099] |
| Enter the well API (30-) on which this deferral should be granted | *Not answered.* |
| Contamination does not cause an imminent risk to human health, the environment, or groundwater | True |
| *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: Austin Tramell<br>Title: Director of environmental and regulatory<br>Email: atramell@3roperating.com<br>Date: 07/18/2025 |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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



## QUESTIONS (continued)

| | |
|---|---|
| Operator:<br>3R Operating, LLC<br>20405 State Highway 249<br>Houston, TX 77070 | OGRID:<br>331569 |
| | Action Number:<br>486473 |
| | Action Type:<br>[C-141] Deferral Request C-141 (C-141-v-Deferral) |

**QUESTIONS**

| **Sampling Event Information** | |
|---|---|
| Last sampling notification (C-141N) recorded | **457818** |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | **05/08/2025** |
| What was the (estimated) number of samples that were to be gathered | **15** |
| What was the sampling surface area in square feet | **4400** |

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

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# State of New Mexico
# Energy, Minerals and Natural Resources
# Oil Conservation Division
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## CONDITIONS

| Operator: | OGRID: |
|---|---|
| 3R Operating, LLC<br>20405 State Highway 249<br>Houston, TX 77070 | 331569 |
| | Action Number:<br>486473 |
| | Action Type:<br>[C-141] Deferral Request C-141 (C-141-v-Deferral) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | Deferral approved. Deferral of DEF 2, DEF 3, and DEF 4 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time. | 7/21/2025 |
| scwells | A C-141N was not submitted for confirmation samples collected on 4/16/25. Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC. | 7/21/2025 |