VACUUM ABO BATTERY #2

nPAC0528649384

PREPARED BY SAPEC-ECO, LLC.
PREPARED FOR MAVERICK PERMIAN, LLC.

Proposed Sampling and Remediation Work Plan

July 6, 2025

Attn: NMOCD District 1
1625 N French Dr.
Hobbs, NM 88240

Re: Proposed Sampling and Remediation Work Plan
NMOCD Incident Number: ***nPAC0628649384***
Vacuum ABO Battery #2 Facility ID fPAC0628649265
Unit K, Section 4, Township 18S, Range 35E 0 FNL 0 FEL Lea County, NM
GPS Coordinates: Latitude 32.778254 Longitude -103.463662 NAD83

Sapec-Eco (Sapec) has been contracted by Maverick Permian, LLC. (Maverick) to review and research this historic incident then prepare this proposed sampling and remediation work plan for a produced water release that occurred at the Vacuum ABO Battery #2 (Site). This incident was assigned Incident ID nPAC0628649384 by the New Mexico Oil Conservation Division (NMOCD).

Release Information – nPAC0628649384

The initial Form C-141 was submitted on October 5, 2006 (Appendix A) and stated that "The leak was caused by external corrosion of the 6" steel transfer line. The section of line will be replaced. A vacuum truck was called and 30 bbls of produced water was recovered. There were no cows present. 66'X40' of dry caliche production battery pad. The spill site will be delineated and remediated in accordance with NMOCD guidelines." This initial Form C-141 was approved by the NMOCD on November 20, 2006.

Site Characterization

This Site is in Lea County, NM, approximately twelve (12) miles southwest of Lovington, NM. The release area is in Unit K, Section 4, Township 18S, Range 35E. The release area begins at 32.778186 degrees latitude and -103.463822 degrees longitude, then extends south staying on the pad surface. A Location Map is included for reference in Figure 5.

The New Mexico Bureau of Geology and Mineral Resources shows the geology at this Site includes Ogallala Formation. Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa. A Geologic Unit Map can be found in Appendix C.

The soil type present at the Site is Kimbrough-Lea complex, dry, 0 to 3 percent slopes. The drainage class for this soil type is well drained. Soil type information is according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The Soil Survey and a Soil Map can be referenced in Appendix C. Reference Figure 5 for a Topographic Map.

The Site resides in a low karst zone and is approximately 26.1 miles away from the nearest medium karst zone. Figure 4 refers to the Karst Map.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 55 feet below grade surface (bgs). This information is recorded by L-15883-POD1 which is situated approximately 0.28 miles north of the Site. This information is from 2025. The United States Geological Survey (USGS) offers the site USGS 324630103280001 18S.35E.4.133221 which shows depth to the nearest groundwater is 63 feet bgs. The latest gauge of this site was conducted in 1971, and it is located approximately 0.29 miles west.

The nearest surface water feature is Unnamed Pond, and it is located approximately 2.9 miles to the northwest. The U.S. Fish and Wildlife Service National Wetlands Inventory shows the nearest wetland to be a Freshwater Emergent Wetland approximately 580 feet south. According to FEMA's National Flood Hazard Layer search, the Site is situated in Zone D – Area of Undetermined Flood Hazard and is more than 5 miles away from the nearest flood hazard zone. See Appendix B for referenced Water-Related Characterization.

Readily available data were reviewed to determine if the Site lies within biologically sensitive areas. The U.S. Fish and Wildlife Services (USFWS) Information for Planning and Consultation (IPaC) and the New Mexico Department of Game and Fish (NMDGF) Environmental Review Tool (ERT) were queried to determine if sensitive wildlife or plant species are present at the Site. The Site is not identified to be within biologically sensitive areas where remediation activities would impact sensitive plant or wildlife habitats. A Special Status Plant/Wildlife Map is included in Figure 2.

The remediation area at the Site is in previously disturbed areas developed for oil and gas extraction; therefore, a cultural resource survey will not be required at the Site for planned remediation activities. The requirements of the Cultural Properties Protection (CCP) Rule were followed.

Assessment and Delineation Activities

At some point in 2020, "At the request of ConocoPhillips, Tetra Tech personnel conducted a records review followed by a visual Site inspection on June 2, 2020, at the release area to evaluate current conditions at the Site. The formerly impacted area was identified from the description and the GPS coordinates provided in the C-141. Photographic documentation from the visual assessment is included as Attachment C. A list of observations from the records review and visual Site inspection follow:

- Review of available aerial historical imagery revealed no evidence of impact in the reported release location.
- No surficial staining was observed in the pad areas during the June 2020 visual Site inspection.
- No staining was observed in the pasture areas near the Site.
- Per the C-141, the formerly impacted release footprint is restricted to active oil and gas production areas at the battery."

On April 6, 2023, ConocoPhillips submitted a closure report (Appendix E) prepared by Tetra Tech This report requested closure based on a visual inspection and historical review of the area. No lab results or activity descriptions were included in the report. This report was rejected by the NMOCD on April 12, 2023, citing:

> Closure for this incident is not approved Please review the closure check list below and revise your site assessment, remediation and closure and resubmit before 07/11/2023 Closure check list 1. All areas not reasonably needed for production shall contain a minimum of 4 feet of non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg. This may require additional sidewall samples and further delineation. 2. Performing a grab sample plan of the remediation area, where each composite sample is not representative of more than 200 ft2 4. Laboratory analyses of final sampling and a description of all remedial activities taken 5. Provide a scaled site and sampling diagram, photographs of the remediation site prior to backfill 6. All other closure reporting need to follow requirements set forth in 19.15.29.12 NMAC 7. Restoration, reclamation, and re-vegetation to 19.15.29.13 NMAC 8. Signed dated C-141 pages 3-5.

Remediation Activities

On June 23, 2025, Maverick elected to begin remediating the release area by hand tools and mechanical excavation means as another remediation was already taking place at this location for incident ID NAPP2507953016. This historic release area was measured to be approximately 4,753 square feet and remained entirely on the pad surface. The depth of the excavation ranged from 1' bgs to 2' bgs throughout. The entire release area was remediated according to the 51-100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. The total amount of contaminated soil removed from the release area was calculated to be approximately 293 cubic yards.

On May 27, 2025, a borehole was installed within ½-mile of this release area. The borehole was drilled to 55', casing was run and set at 55', all cuttings were dry, the well was gauged on May 30, 2025, and no water bearing soil was encountered. The borehole was then plugged pursuant with the approved plugging plan. Closure criteria for this pad surface incident should reflect contaminant levels for chlorides at less than or equal to 10,000 mg/kg. TPH (GRO+DRO+MRO) should be less than or equal to 2,500 mg/kg. GRO+DRO should be less than or equal to 1,000 mg/kg. BTEX should be less than or equal to 50 mg/kg. Benzene should be less than or equal to 10 mg/kg.

On July 1, 2025, samples were collected from within and around the edges of the excavation for the purpose of delineating the release area. Ten (10) discrete samples were collected from 6 different sample points within the release area from depths of 2' and 4' bgs respectively. Twelve (12) discrete samples were collected from 4 different sample points around the edges of the release area from depths of surface, 2', and 4' bgs.

On July 8, 2025, the official laboratory report was received and verified only two sample points within the release area were delineated. All the sample points around the edges of the release were not delineated.

On July 9, 2025, additional samples were collected for the purpose of completing the delineation of the release area. The remaining three sample points within the release area were advanced vertically until soil sample results were less than the regulatory limits per delineation standards. All the sample points from around the edges of the release area were extended laterally until soil sample results were less than the regulatory limits per delineation standards.

On July 14, 2025, the official laboratory report was received and verified all sample points within and around the edges of the release area were delineated.

On July 8, 2025, after Maverick submitted a 48-hour notification of sampling (Figure 7), twenty-two (22) 5-point composite confirmation samples were collected from the base of the excavated area. During this same sampling event, six (6) 5-point composite confirmation samples were collected from the walls of the excavated area. All samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories where they were analyzed for all constituents listed in Table 1 19.15.29.12 NMAC.

On July 14, 2025, the official laboratory report was received and verified ten samples from the excavation were under the regulatory limits of the 51-100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC.

On July 14, 2025, the excavation crew resumed excavating and advancing the remaining contaminated sample points until sample results were under the regulatory limits of the 51-100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. A total of eighteen sample point areas were advanced six inches to one foot deeper respectively.

On July 24, 2025, after Maverick submitted a 48-hour notification of sampling (Figure 7), eighteen (18) 5-point composite confirmation samples were collected from the base of the excavated area. All samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories where they were analyzed for all constituents listed in Table 1 19.15.29.12 NMAC.

On July 29, 2025, the official laboratory report was received and verified all samples from the excavation were under the regulatory limits of the 51-100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC.

A Confirmation Sample Map is included in Figure 1 and the corresponding lab sample results can be found in the Data Tables that are included in Figure 2. The official Laboratory Reports can be found in Appendix D. Please also note that the confirmation sampling of this incident's release area was combined with the confirmation sampling of the release area for the incident, NAPP2507953016. Sample points W1 and W2 were converted from wall samples to base samples due to the release areas overlapping in those locations. A separate report will be submitted detailing the remediation activities of that incident.

Confirmation sampling of the excavated areas has been completed and verifies that all samples are under the regulatory limits of each area's respective closure criteria as per Table 1 requirements. The entire pad area was backfilled with clean, like material then repacked and opened for normal traffic. Photographic Documentation can be referenced in Appendix A.

Request for Closure Approval

Maverick requests that this closure report for incident ID nPAC0628649384 be approved. All rules and regulations set forth in 19.15.29.12 NMAC have been complied with.

For questions or additional information, please reach out to:
Maverick Permian – Bryce Wagoner – Bryce.Wagoner@mavresources.com – (928) 241-1862
Sapec-Eco, LLC – Tom Bynum – tombynum@sapec-eco.com – (580) 748-1613

Attachments

Figures:

1- Confirmation Sample Map
2- Data Tables
3- Special Status Plant/Wildlife Map
4- Karst Map
5- Topographic Map
6- Location Map
7- 48-Hour Notifications

Appendices:

Appendix A – Photographic Documentation
Appendix B – Water-Related Characterization
Appendix C – Soil & Geology-Related Characterization
Appendix D – Laboratory Reports

Figures:

Confirmation Sample Map

Data Tables

Special Status Plant/Wildlife Map

Karst Map

Topographic Map

Location Map

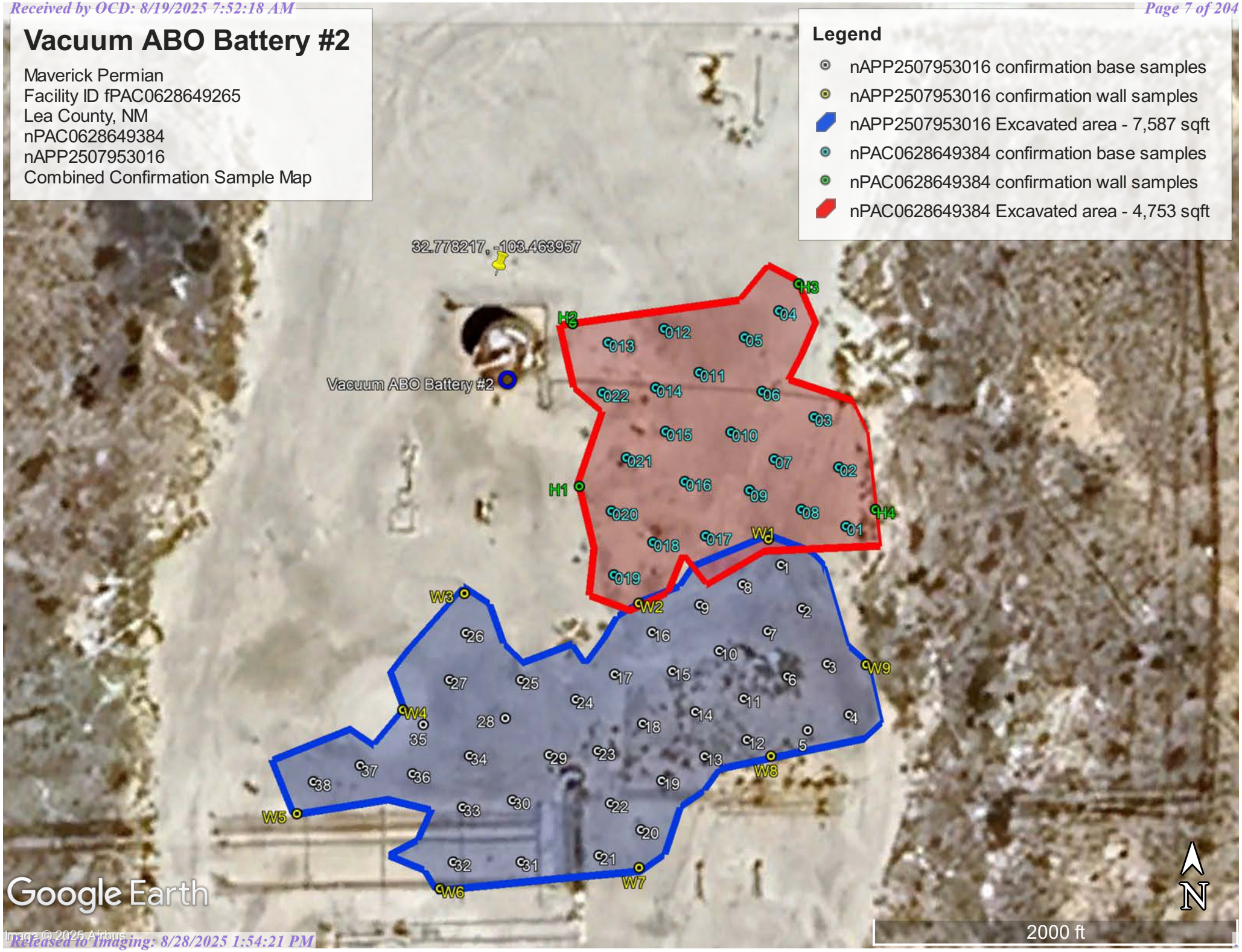
48-Hour Notifications

Vacuum ABO Battery #2

Maverick Permian
Facility ID fPAC0628649265
Lea County, NM
nPAC0628649384
nAPP2507953016
Combined Confirmation Sample Map

Legend

- nAPP2507953016 confirmation base samples
- nAPP2507953016 confirmation wall samples
- nAPP2507953016 Excavated area - 7,587 sqft
- nPAC0628649384 confirmation base samples
- nPAC0628649384 confirmation wall samples
- nPAC0628649384 Excavated area - 4,753 sqft



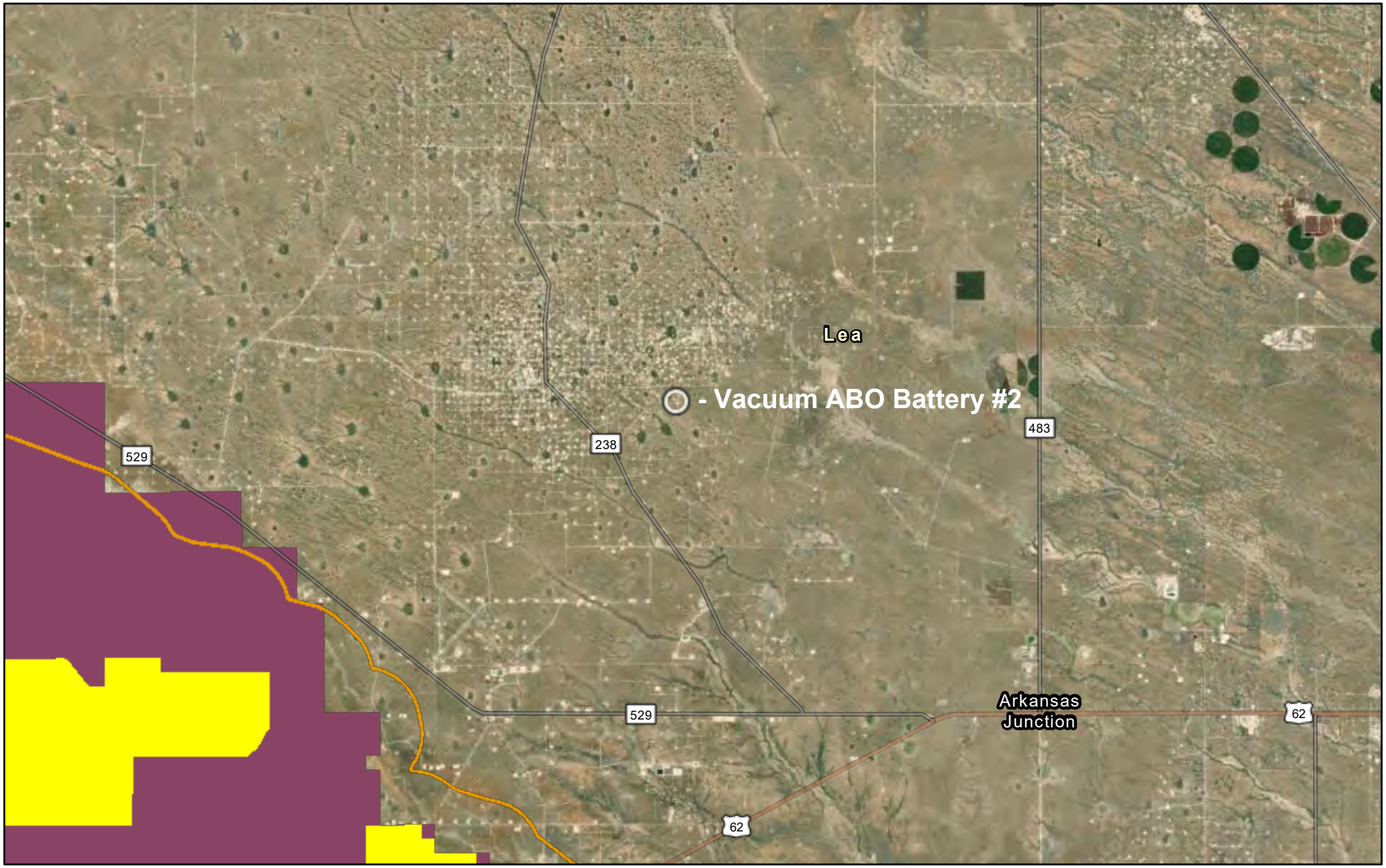
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Maverick Permian - Vacuum ABO Battery #2 - nPAC0628649384								
NM Approved Sample Results - Samples Collected 7/1/2025								
Sample ID	**Depth (BGS)**	**Benzene mg/kg**	**BTEX mg/kg**	**GRO mg/kg**	**DRO mg/kg**	**ORO mg/kg**	**TPH mg/kg**	**Chlorides mg/kg**
D1-2'	2'	ND	ND	ND	**1340**	**1250**	**2590**	237
D1-4'	4'	ND	ND	ND	**680**	**627**	**1307**	348
D2-2'	2'	ND	ND	ND	ND	ND	ND	ND
D2-4'	4'	ND	ND	ND	ND	ND	ND	ND
D3-2'	2'	ND	ND	ND	ND	ND	ND	67.9
D3-4'	4'	ND	ND	ND	ND	ND	ND	89.5
D4-2'	2'	ND	ND	ND	**1130**	**643**	**1773**	89.3
D4-4'	4'	ND	ND	ND	59	73.6	**132.6**	42.7
D5-2'	2'	ND	ND	ND	**218**	**141**	**359**	520
D5-4'	6'	ND	ND	ND	76.3	65.4	**141.7**	359
H1-Surface	0'	ND	ND	ND	**118**	**239**	**357**	79.2
H1-2'	2'	ND	ND	ND	60.7	**149**	**209.7**	244
H1-4'	4'	ND	ND	ND	34	89.4	**123.4**	327
H2-Surface	0'	ND	ND	ND	**121**	**129**	**250**	173
H2-2'	2'	ND	ND	ND	30.2	58.3	88.5	198
H2-4'	4'	ND	ND	ND	ND	ND	ND	72.5
H3-Surface	0'	ND	ND	ND	**221**	**217**	**438**	332
H3-2'	2'	ND	ND	ND	**700**	**712**	**1412**	560
H3-4'	4'	ND	ND	ND	**378**	**358**	**736**	201
H4-Surface	0'	ND	ND	ND	**194**	**225**	**419**	468
H4-2'	2'	ND	ND	ND	ND	ND	ND	508
H4-4'	4'	ND	ND	ND	321	278	599	394

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Maverick Permian - Vacuum ABO Battery #2 - nPAC0628649384								
NM Approved Sample Results - Samples Collected 7/8/2025								
Sample ID	**Depth (BGS)**	**Benzene mg/kg**	**BTEX mg/kg**	**GRO mg/kg**	**DRO mg/kg**	**ORO mg/kg**	**TPH mg/kg**	**Chlorides mg/kg**
01-1'	1'	ND	ND	ND	**1100**	**1570**	**2670**	46.5
02-1'	1'	ND	ND	ND	**1370**	**1860**	**3230**	1030
03-1'	1'	ND	ND	ND	**2300**	**2550**	**4850**	692
04-1'	1'	ND	ND	ND	435	789	1224	ND
05-1'	1'	ND	ND	ND	381	645	1026	25.5
06-1'	1'	ND	ND	ND	**1240**	**1530**	**2770**	ND
07-1'	1'	ND	ND	ND	**3990**	**3840**	**7830**	245
08-1'	1'	ND	ND	ND	**1930**	**2090**	**4020**	493
09-1'	1'	ND	ND	ND	**1160**	**1530**	**2690**	291
010-1'	1'	ND	ND	ND	**3960**	**4000**	**7960**	104
011-1'	1'	ND	ND	ND	**2340**	**3030**	**5370**	355
012-1'	1'	ND	ND	ND	**3600**	**4000**	**7600**	435
013-1.5'	1.5'	ND	ND	ND	597	896	1493	80.2
014-1'	1'	ND	ND	ND	**1300**	**1620**	**2920**	64.2
015-1'	1'	ND	ND	ND	**1510**	**2100**	**3610**	571
016-1'	1'	ND	ND	ND	**3830**	**4190**	**8020**	296
017-1'	1'	ND	ND	ND	**3480**	**3850**	**7330**	69.4
018-1.5'	1.5'	ND	ND	ND	602	1000	1602	46.1
019-1.5'	1.5'	ND	ND	ND	**1120**	**1630**	**2750**	179
020-1.5'	1.5'	ND	ND	ND	736	1270	2006	40.1
021-1.5'	1.5'	ND	4.13	ND	**2140**	**2100**	**4240**	172
022-1.5'	1.5'	ND	0.408	ND	**4120**	**3250**	**7370**	106
W1-1'	1'	ND	1.39	ND	**1850**	**2770**	**4620**	382
W2-1'	1'	ND	0.695	ND	813	1280	2093	272
H1-1.5'	1.5'	ND	ND	ND	131	327	458	ND
H2-1.5'	1.5'	ND	ND	ND	186	436	622	35.4
H3-1'	1'	ND	ND	ND	284	636	920	46.5
H4-1'	1'	5.33	31.8	64.3	41.6	145	186.6	71.3

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Maverick Permian - Vacuum ABO Battery #2 - nPAC0628649384								
NM Approved Sample Results - Samples Collected 7/9/2025								
Sample ID	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	ORO mg/kg	TPH mg/kg	Chlorides mg/kg
D1-5'	5'	ND	ND	ND	ND	ND	ND	ND
D4-4.5'	4.5'	ND	ND	ND	ND	ND	ND	ND
D5-4.5'	4.5'	ND	ND	ND	ND	ND	ND	ND
H1-Surface	0'	ND	ND	ND	ND	ND	ND	ND
H1-2'	2'	ND	ND	ND	ND	ND	ND	ND
H1-4'	4'	ND	ND	ND	ND	ND	ND	ND
H2-Surface	0'	ND	ND	ND	ND	ND	ND	ND
H2-2'	2'	ND	ND	ND	ND	ND	ND	ND
H2-3'	4'	ND	ND	ND	ND	ND	ND	ND
H3-Surface	0'	ND	ND	ND	ND	ND	ND	ND
H3-2'	2'	ND	ND	ND	ND	ND	ND	ND
H3-4'	4'	ND	ND	ND	ND	ND	ND	ND
H4-Surface	0'	ND	ND	ND	ND	ND	ND	ND
H4-2'	2'	ND	ND	ND	ND	ND	ND	ND
H4-4'	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Maverick Permian - Vacuum ABO Battery #2 - nPAC0628649384								
NM Approved Sample Results - Samples Collected 7/24/2025								
Sample ID	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	ORO mg/kg	TPH mg/kg	Chlorides mg/kg
01-2'	2'	ND	ND	ND	ND	ND	ND	ND
02-2'	2'	ND	ND	ND	ND	ND	ND	ND
03-2'	2'	ND	ND	ND	ND	ND	ND	ND
06-2'	2'	ND	ND	ND	ND	ND	ND	ND
07-2'	2'	ND	ND	ND	ND	ND	ND	ND
08-2'	2'	ND	ND	ND	ND	ND	ND	ND
09-2'	2'	ND	ND	ND	ND	ND	ND	ND
010-2'	2'	ND	ND	ND	ND	ND	ND	ND
011-2'	2'	ND	ND	ND	ND	ND	ND	ND
012-2'	2'	ND	ND	ND	ND	ND	ND	ND
014-2'	2'	ND	ND	ND	ND	ND	ND	ND
015-2'	2'	ND	ND	ND	ND	ND	ND	ND
016-2'	2'	ND	ND	ND	ND	ND	ND	ND
017-2'	2'	ND	ND	ND	ND	ND	ND	ND
019-2'	2'	ND	ND	ND	ND	ND	ND	ND
021-2'	2'	ND	ND	ND	ND	ND	ND	ND
022-2'	2'	ND	ND	ND	ND	ND	ND	ND
W1-1.5'	1.5'	ND	ND	ND	ND	ND	ND	ND

Special Status Plant/Wildlife Map



3/25/2025

Dunes Sage Brush Lizard Habitat

Lesser Prairie Chicken Habitat

Habitat Evaluation Area

Isolated Population Area

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

38m Resolution Metadata

1:188,288

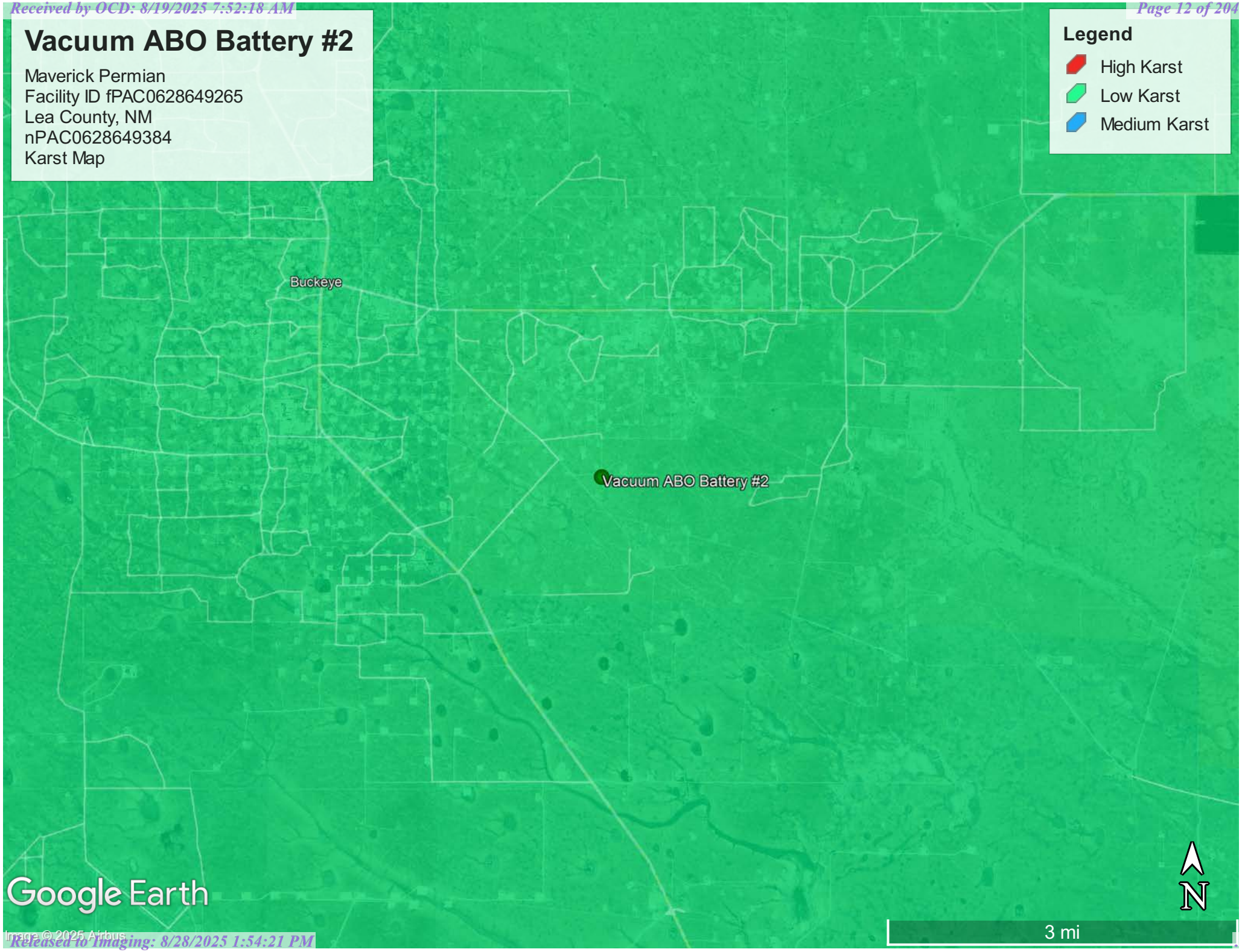
0 1.25 2.5 5 mi

0 2 4 8 km

Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community,

Vacuum ABO Battery #2

Maverick Permian
Facility ID fPAC0628649265
Lea County, NM
nPAC0628649384
Karst Map

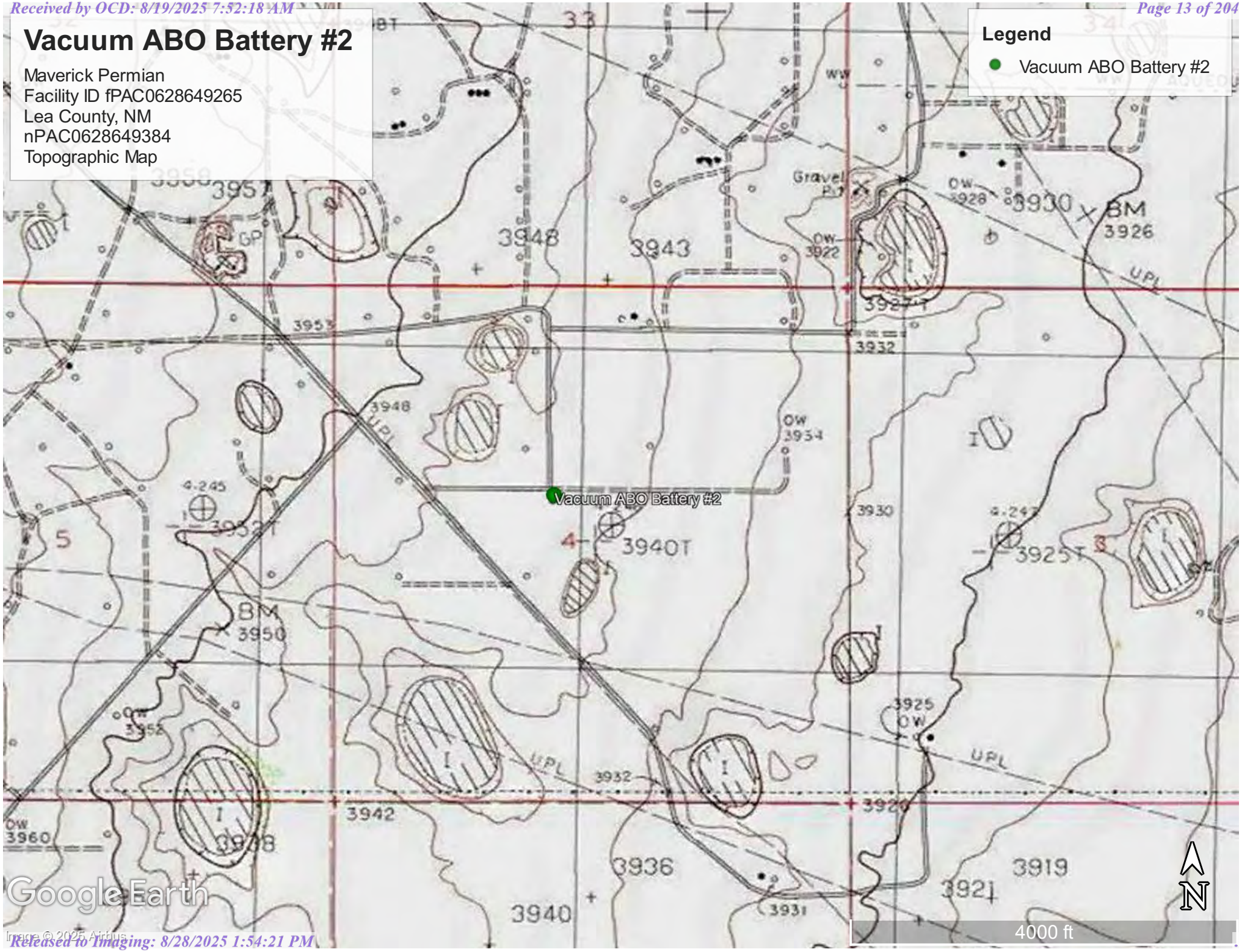


Vacuum ABO Battery #2

Maverick Permian
Facility ID fPAC0628649265
Lea County, NM
nPAC0628649384
Topographic Map

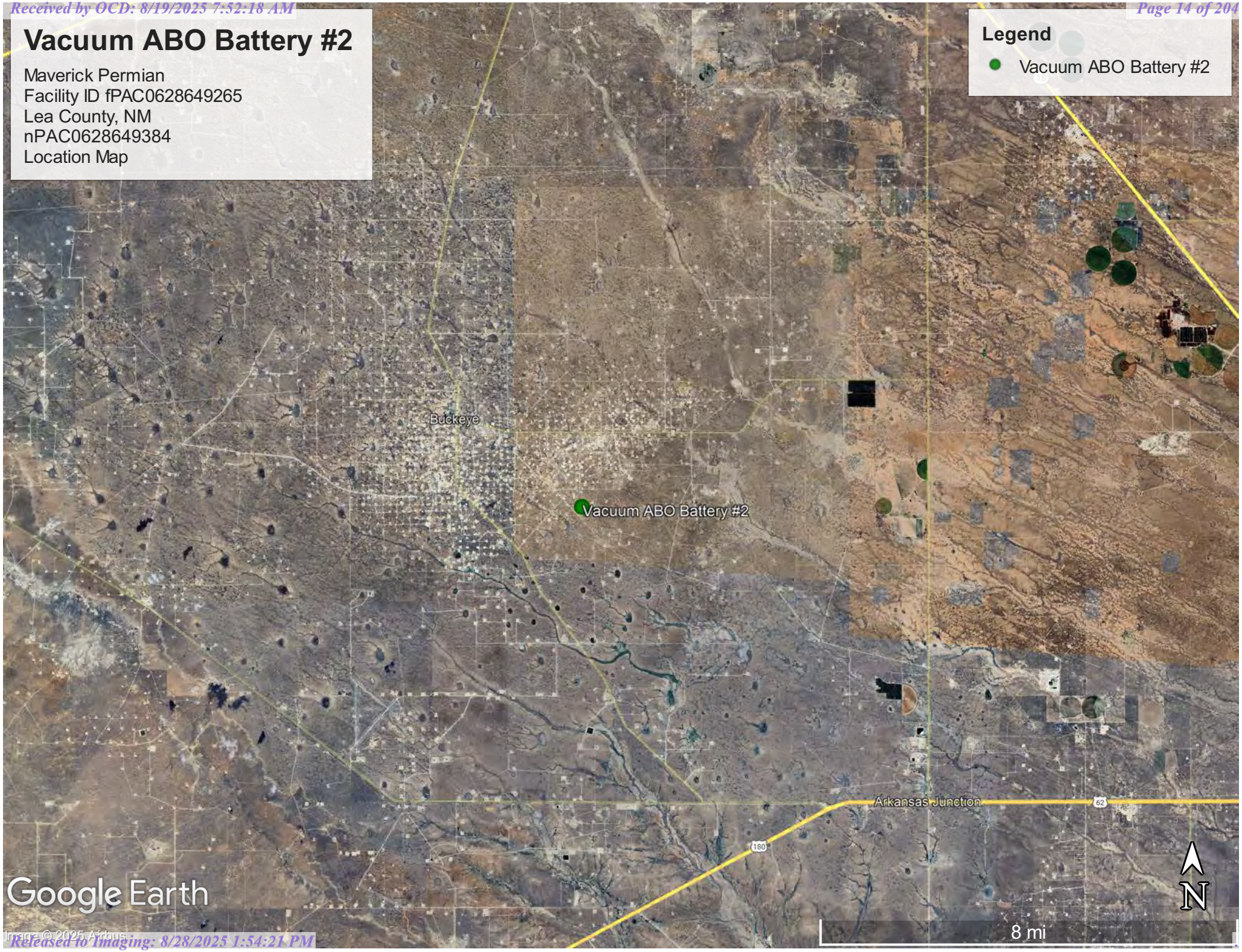
Legend

- Vacuum ABO Battery #2



Vacuum ABO Battery #2

Maverick Permian
Facility ID fPAC0628649265
Lea County, NM
nPAC0628649384
Location Map



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

Action 481359

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 481359
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nPAC0628649384**
Incident Name	**NPAC0628649384 VACUUM ABO BATTERY #2 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fPAC0628649265] VACUUM ABO BATTERY #2**

Location of Release Source	
Site Name	**VACUUM ABO BATTERY #2**
Date Release Discovered	**10/04/2006**
Surface Owner	**State**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,753
What is the estimated number of samples that will be gathered	27
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/08/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Terrell (361) 219-2353
Please provide any information necessary for navigation to sampling site	32.778217, -103.463957

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

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 481359
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cstraub	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/3/2025
cstraub	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/3/2025

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

Action 487677

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 487677
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nPAC0628649384**
Incident Name	**NPAC0628649384 VACUUM ABO BATTERY #2 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fPAC0628649265] VACUUM ABO BATTERY #2**

Location of Release Source	
Site Name	**VACUUM ABO BATTERY #2**
Date Release Discovered	**10/04/2006**
Surface Owner	**State**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	4,753
What is the estimated number of samples that will be gathered	18
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/24/2025
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Terrell (361) 219-2353
Please provide any information necessary for navigation to sampling site	32.778217, -103.463957

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

CONDITIONS

Operator:	OGRID:
Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	331199
	Action Number: 487677
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cterhune	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/22/2025
cterhune	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/22/2025

Appendix A

Photographic Documentation

Photographic Documentation
Maverick Permian, LLC
Vacuum AB0 Battery #2 – nPAC0628649384

Photographic Documentation
Maverick Permian, LLC
Vacuum AB0 Battery #2 – nPAC0628649384


WGS84 32.77806, -103.46390
±10ft
ft ±10ft 3945
°,T ±11 E83
24Jun25 16:20 Vac ABO #2
Lovington NM 88260, United States 24-Jun-25 16:20:11


WGS84 32.77806, -103.46391
±13ft
ft ±10ft 3945
°,T ±11 NE50
24Jun25 16:20 Vac ABO #2
Lovington NM 88260, United States 24-Jun-25 16:20:07


WGS84 32.77809, -103.46386
±21ft
ft ±19ft 3950
°,T ±13 SW197
25Jun25 11:14 Vac abo#2 historic
Lovington NM 88260, United States 25-Jun-25 11:14:58


WGS84 32.77813, -103.46385
±22ft
ft ±21ft 3949
°,T ±13 NW299
25Jun25 11:14 Vac abo#2 historic
Lovington NM 88260, United States 25-Jun-25 11:14:39


WGS84 32.77820, -103.46386
±19ft
ft ±17ft 3951
°,T ±13 W283
25Jun25 11:14 Vac abo#2 historic
Lovington NM 88260, United States 25-Jun-25 11:14:20


WGS84 32.77811, -103.46371
±20ft
ft ±11ft 3946
°,T ±13 E87
25Jun25 11:12 Vac abo#2 historic
Lovington NM 88260, United States 25-Jun-25 11:12:28


WGS84 32.77807, -103.46373
±20ft
ft ±11ft 3947
°,T ±13 E87
25Jun25 11:12 Vac abo#2 historic
Lovington NM 88260, United States 25-Jun-25 11:12:00


WGS84 32.77805, -103.46375
±19ft
ft ±12ft 3947
°,T ±14 SE155
25Jun25 11:11 Vac abo#2 historic
Lovington NM 88260, United States 25-Jun-25 11:11:19

Photographic Documentation
Maverick Permian, LLC
Vacuum AB0 Battery #2 – nPAC0628649384


WGS84 ±20ft
32.77822, -103.46390
ft ±10ft
3949
T ±14
E104
26Jun25 16:36 Vac abo#2 historic
Lovington NM 88260, United States
26-Jun-25 16:36:11


WGS84 ±18ft
32.77823, -103.46389
ft ±10ft
3947
T ±15
S181
26Jun25 16:36 Vac abo#2 historic
Lovington NM 88260, United States
26-Jun-25 16:36:02


WGS84 32.77819, -103.46385
±12ft
ft ±10ft 3945
°,T ±15 NW300
26Jun25 11:24 Vac abo#2 historic
Lovington NM 88260, United States 26-Jun-25 11:24:06


WGS84 32.77801, -103.46389
±26ft
ft ±12ft 3949
°,T ±13 E78
26Jun25 16:35 Vac abo#2 historic
Lovington NM 88260, United States 26-Jun-25 16:35:14


WGS84 32.77801, -103.46390
±16ft
ft ±13ft 3952
°,T ±13 N352
26Jun25 16:35 Vac abo#2 historic
Lovington NM 88260, United States 26-Jun-25 16:35:08


WGS84 ±12ft
32.77805, -103.46385
ft ±10ft
3950
°T ±13
NW315
26Jun25 16:34 Vac abo#2 historic
Lovington NM 88260, United States
26-Jun-25 16:34:49


WGS84 ±17ft
32.77790, -103.46362
ft ±14ft
3948
°T ±14
W262
Vac abo battery # _2
Lovington NM 88260, United States
05-Aug-25 15:23:27


WGS84 ±17ft
32.77790, -103.46362
ft ±14ft
3952
°T ±14
NW306
Vac abo battery #_ 2
Lovington NM 88260, United States
05-Aug-25 15:23:23


WGS84 ±17ft
32.77791, -103.46363
ft ±14ft
3951
°T ±14
NW341
Vac abo battery #_ 2
Lovington NM 88260, United States
05-Aug-25 15:23:19


WGS84 ±19ft
32.77822, -103.46369
ft ±16ft
3951
°T ±10
SW224
Vac abo battery #_ 2
Lovington NM 88260, United States
05-Aug-25 15:22:44

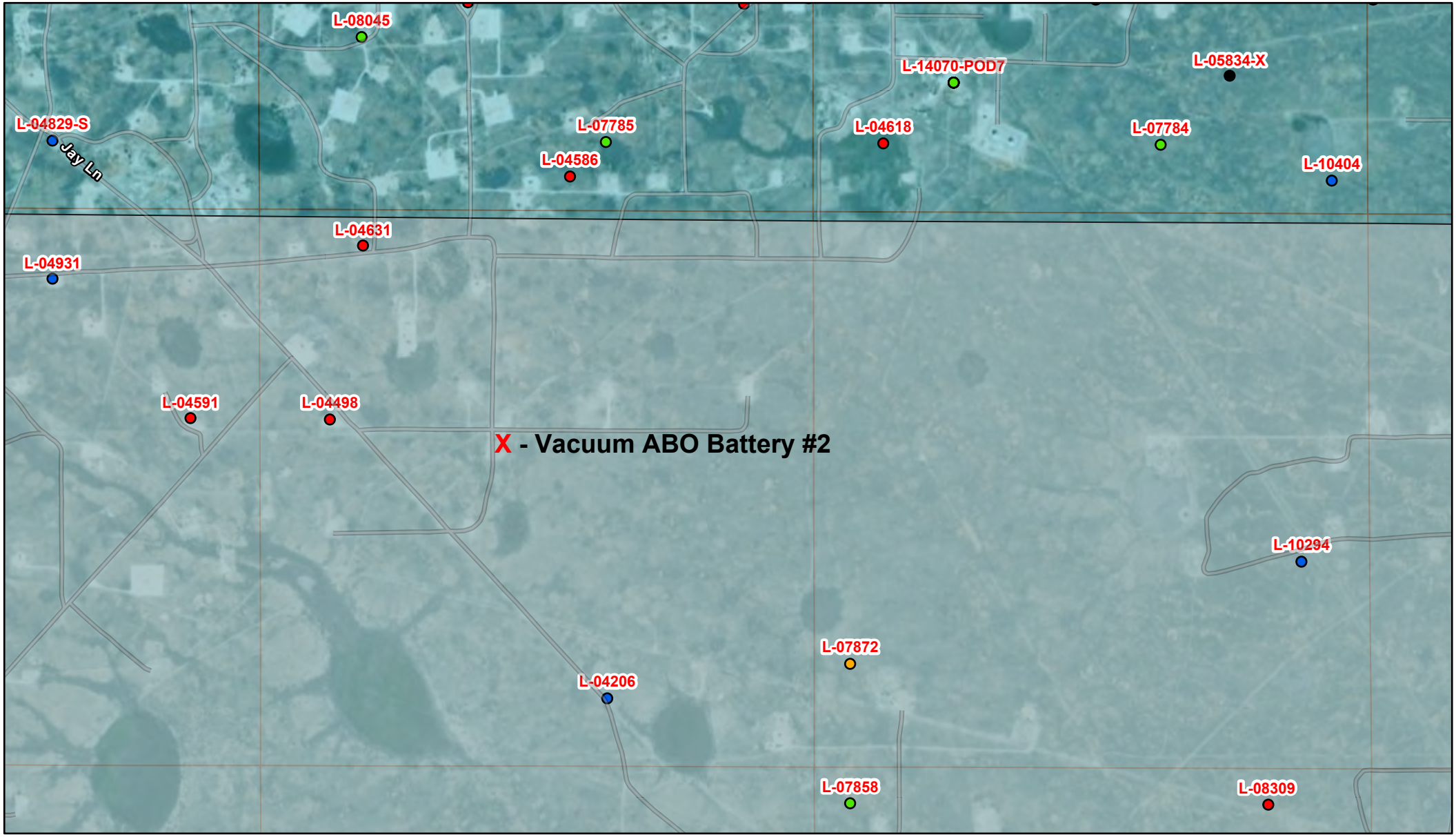

WGS84 ±10ft
32.77824, -103.46370
ft ±10ft
3952
°T ±10
SE155
Vac abo battery #_ 2
Lovington NM 88260, United States
05-Aug-25 15:22:29

Photographic Documentation
Maverick Permian, LLC
Vacuum AB0 Battery #2 – nPAC0628649384

Appendix B

Water-Related Characterization

OSE POD Location Map



3/25/2025, 10:22:06 AM

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

GIS WATERS PODs

- Active
- Pending
- Inactive
- Capped
- Plugged

OSE District Boundary

Water Right Regulations

Closure Area

Artesian Planning Area

New Mexico State Trust Lands

Both Estates

Online web user

This is an unofficial map from the OSE's online application.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO	OSE FILE NO(S)
Pod-1		L-15883

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Maverick Permian LLC.	928-241-1862

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
1000 Main St. Ste. 2900	Houston	TX	77002

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	46	56.02	N
	LONGITUDE	103	27	53.19	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

UL-C S-4 T-18S R-35E

2. DRILLING & CASING INFORMATION

LICENSE NO	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
5/27/25	5/27/25	55	55	N/A Dry hole

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 5/30/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
			No Casing left in hole				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	5	5	Cemented Caliche	Y ✓ N	
5	20	15	Looser Caliche and Sand	Y ✓ N	
20	55	35	Poorly consolidated loose tan sand	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: N/A

TOTAL ESTIMATED WELL YIELD (gpm): 0

5. TEST; RIG SUPERVISION

WELL TEST: TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Well was drilled to a depth of 55 feet on 5/27/25, casing was run and set at 55', all cuttings were dry, we returned on 5/30/25, gauged well, well was dry, removed casing, and plugged the bore hole pursuant with the approved plugging plan.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — 5/31/25

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: L-15883 Pod -1

Well owner: Maverick Permian LLC. Phone No.: 928-241-1862

Mailing address: 1000 Main St.. STE. 2900

City: Houston State: TX Zip code: 77002

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: James Hawley/H&R Enterprises, LLC

2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/25

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer

4) Date well plugging began: 5/30/25 Date well plugging concluded: 5/30/25

5) GPS Well Location: Latitude: 32 deg, 46 min, 56.02 sec
Longitude: 103 deg, 27 min, 53.19 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl), by the following manner: well sounder

7) Static water level measured at initiation of plugging: Dry ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 4/29/25

9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Version: September 8, 2009
Page 1 of 2

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

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10' Baroid 3/8 Bentonite Chip Plug	16.5 (3 sacks)	14.7	pour	Hydrated with 5 Gallons of water per sack
	10'-55' drill cuttings	66.15	66.15	pour	

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

III. SIGNATURE:

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

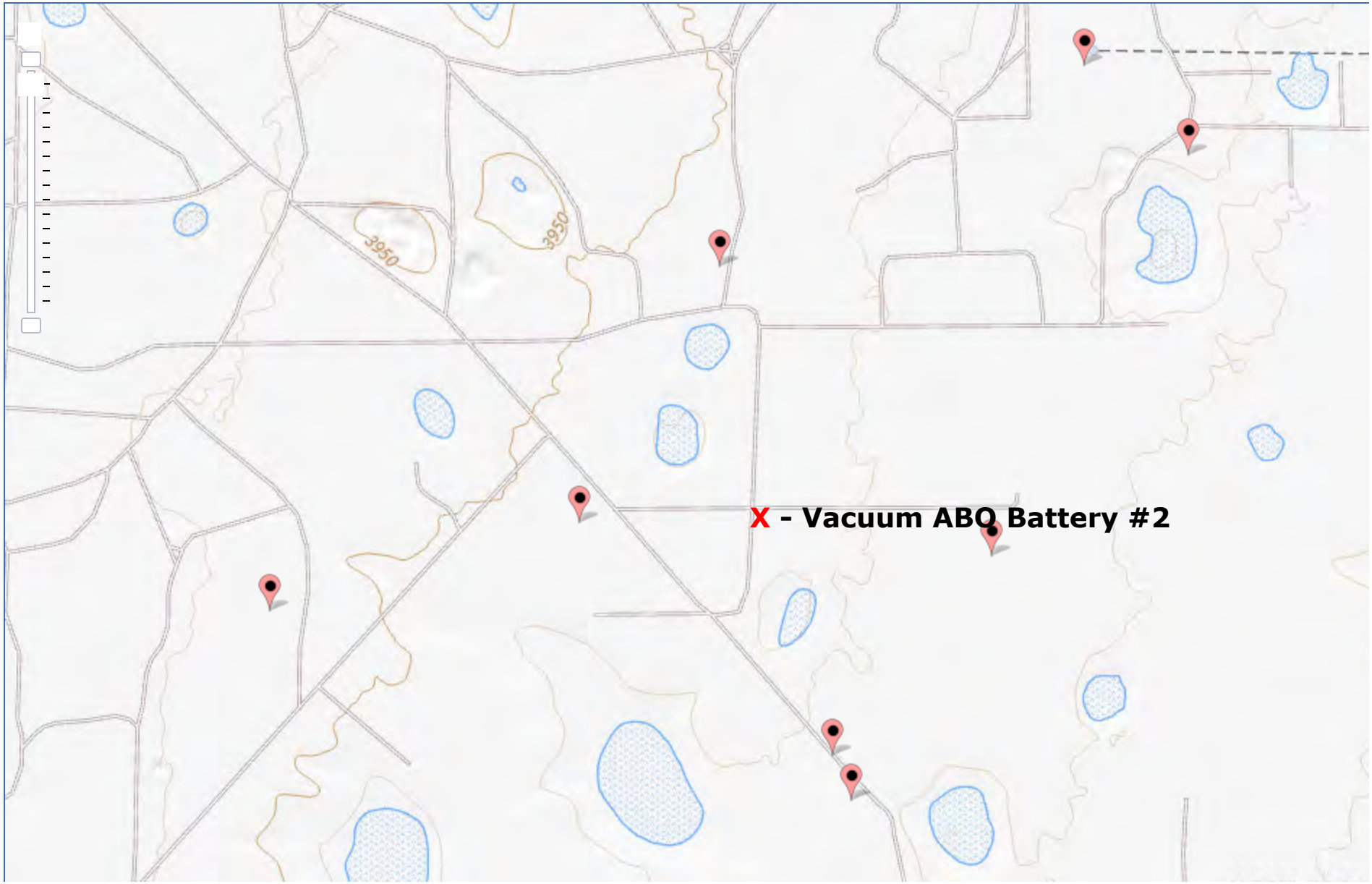
Signature of Well Driller

5/31/25
Date

Version: September 8, 2009
Page 2 of 2

USGS science for a changing world

National Water Information System: Mapper



National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 324630103280001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

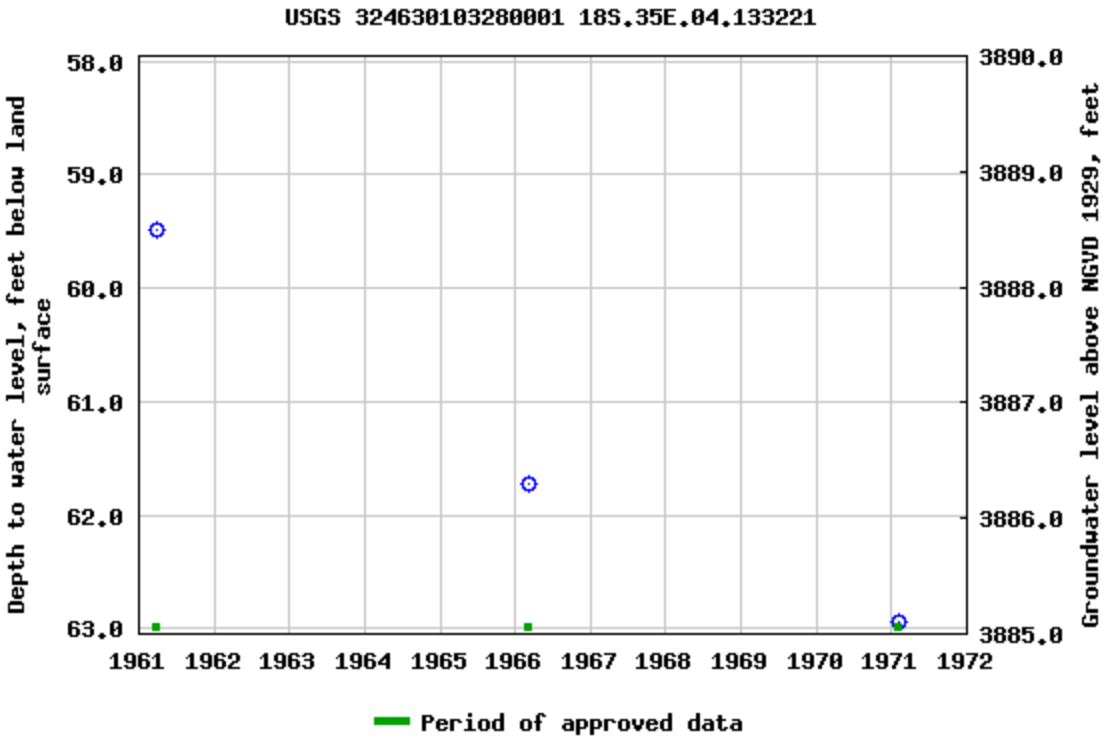
USGS 324630103280001 18S.35E.04.133221

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°46'42", Longitude 103°28'08" NAD27
Land-surface elevation 3,948.00 feet above NGVD29
The depth of the well is 128 feet below land surface.
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

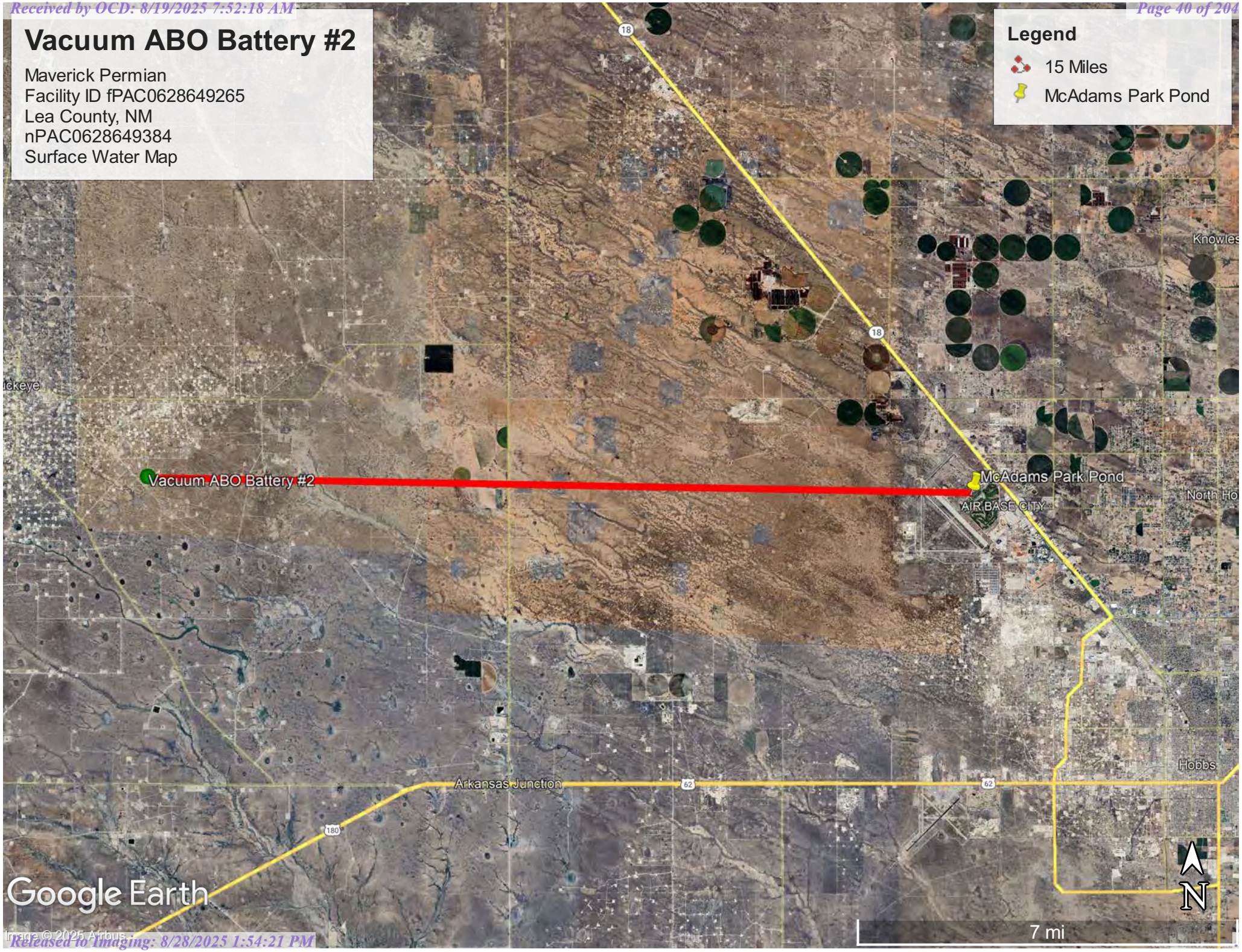
Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2025-03-25 11:24:30 EDT
0.66 0.47 nadww02

Vacuum ABO Battery #2

Maverick Permian
Facility ID fPAC0628649265
Lea County, NM
nPAC0628649384
Surface Water Map



U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map

March 25, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

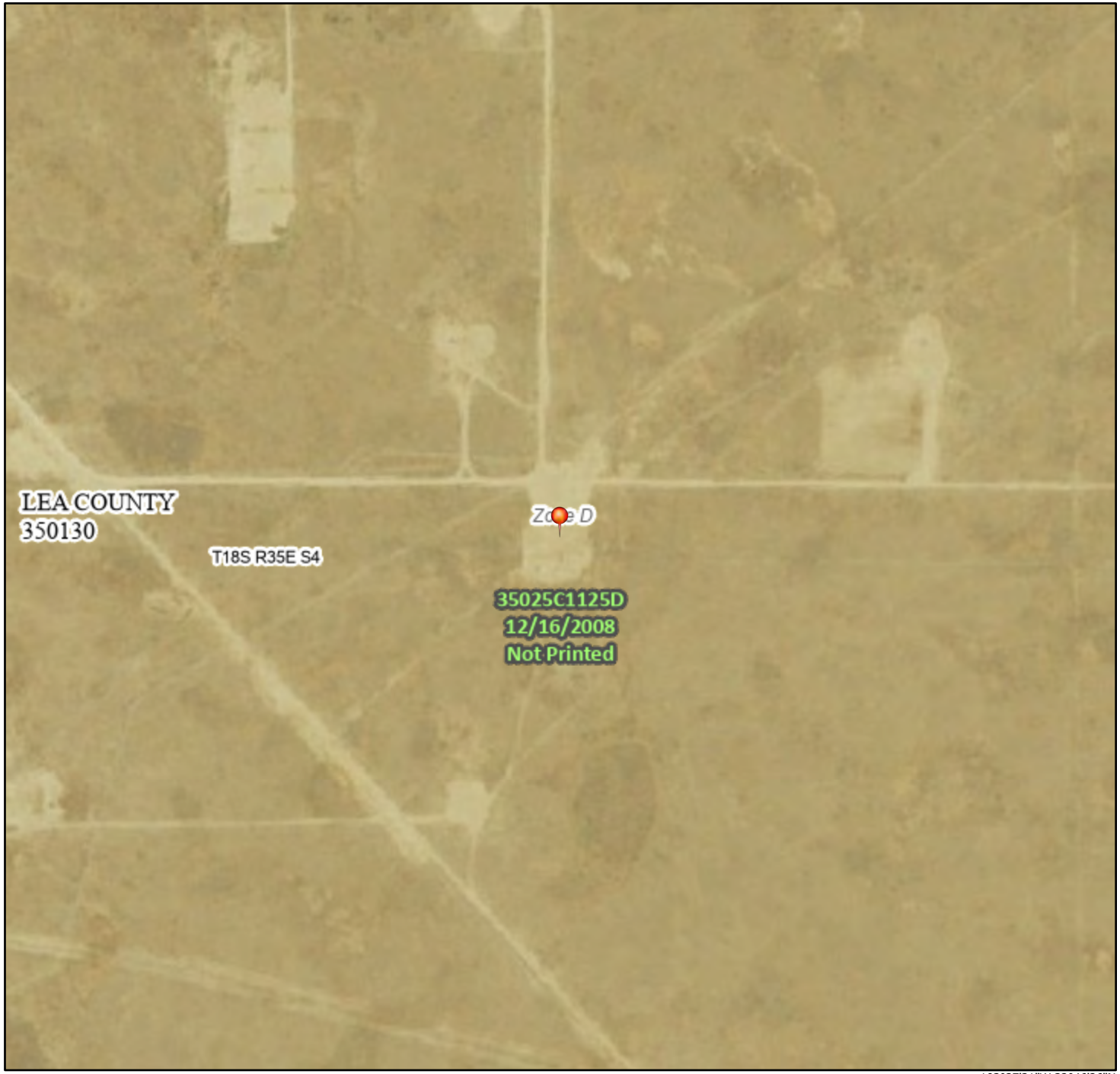
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

National Flood Hazard Layer FIRMette

FEMA

103°28'9"W 32°46'56"N



103°27'31"W 32°46'26"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/25/2025 at 3:28 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Appendix C

Soil & Geology-Related Characterization

Soil Map—Lea County, New Mexico

Map Scale: 1:606 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 5 10 20 30

Feet
0 25 50 100 150

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	1.4	100.0%
Totals for Area of Interest		**1.4**	**100.0%**

Lea County, New Mexico

KU—Kimbrough-Lea complex, dry, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw46
Elevation: 2,500 to 4,800 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 57 to 63 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 45 percent
Lea and similar soils: 25 percent
Minor components: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kimbrough

Setting

Landform: Playa rims, plains
Down-slope shape: Convex, linear
Across-slope shape: Concave, linear
Parent material: Loamy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 3 inches: gravelly loam
Bw - 3 to 10 inches: loam
Bkkm1 - 10 to 16 inches: cemented material
Bkkm2 - 16 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 4 to 18 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 95 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Description of Lea

Setting

Landform: Plains
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age over indurated caliche of pliocene age

Typical profile

A - 0 to 10 inches: loam
Bk - 10 to 18 inches: loam
Bkk - 18 to 26 inches: gravelly fine sandy loam
Bkkm - 26 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 22 to 30 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 90 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 3.0
Available water supply, 0 to 60 inches: Very low (about 2.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY047TX - Sandy Loam 12-17" PZ
Hydric soil rating: No

Minor Components

Douro

Percent of map unit: 12 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY047TX - Sandy Loam 12-17" PZ
Other vegetative classification: Unnamed (G077DH000TX)
Hydric soil rating: No

Kenhill

Percent of map unit: 12 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY038TX - Clay Loam 12-17" PZ
Hydric soil rating: No

Spraberry

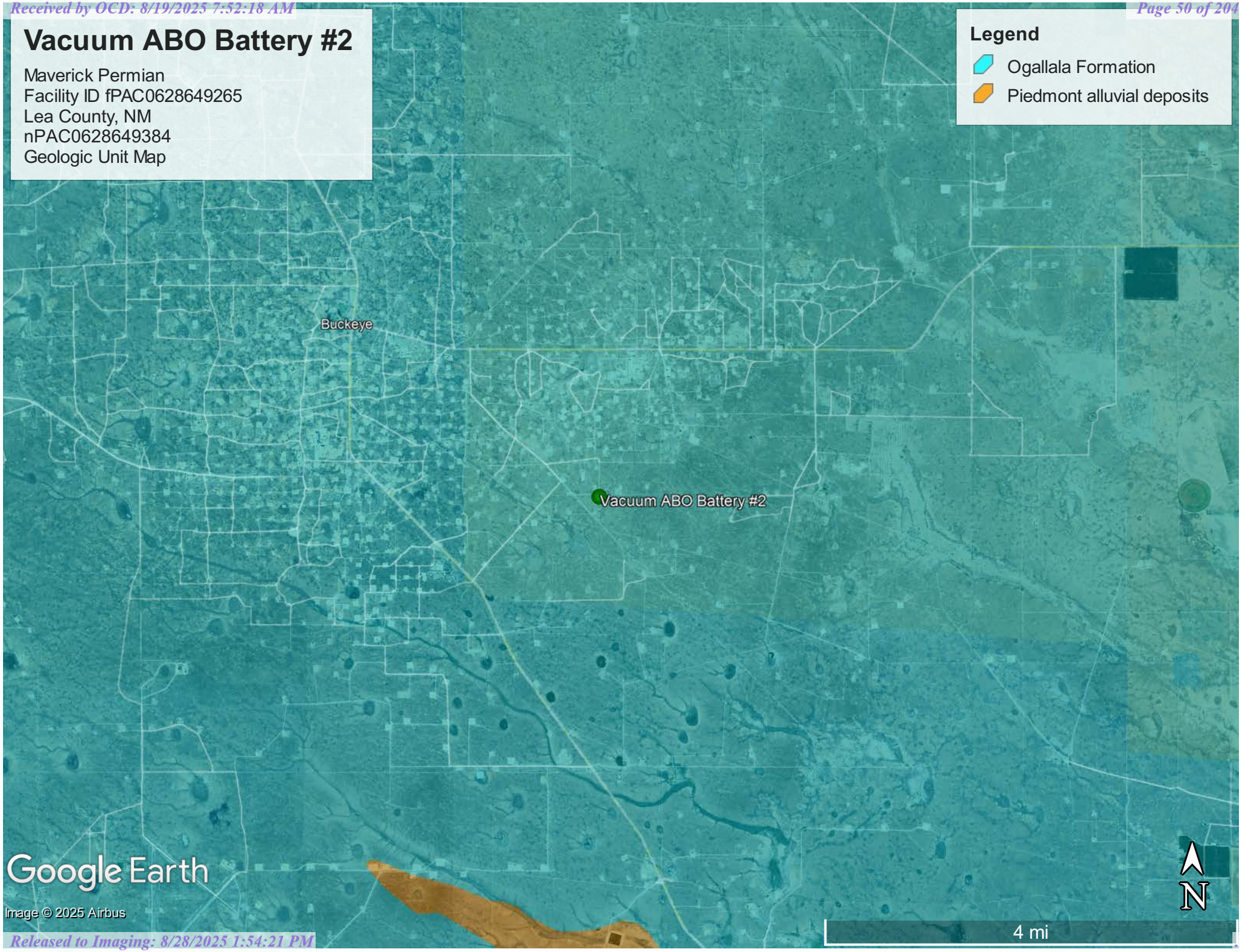
Percent of map unit: 6 percent
Landform: Playa rims, plains
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Other vegetative classification: Unnamed (G077DH000TX)
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Vacuum ABO Battery #2

Maverick Permian
Facility ID fPAC0628649265
Lea County, NM
nPAC0628649384
Geologic Unit Map



Appendix D

Laboratory Reports

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name:	Vacuum ABO Battery #2
Work Order:	E507042
Job Number:	25038-0001
Received:	7/6/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/8/25

Date Reported: 7/8/25

Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Vacuum ABO Battery #2
Workorder: E507042
Date Received: 7/6/2025 8:30:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/6/2025 8:30:00PM, under the Project Name: Vacuum ABO Battery #2.

The analytical test results summarized in this report with the Project Name: Vacuum ABO Battery #2 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
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Sample Summary

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	07/08/25 15:14

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
D1-2'	E507042-01A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D1-4'	E507042-02A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D2-2'	E507042-03A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D2-4'	E507042-04A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D3-2'	E507042-05A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D3-4'	E507042-06A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D4-2'	E507042-07A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D4-4'	E507042-08A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D5-2'	E507042-09A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
D5-4'	E507042-10A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H1-Surface	E507042-11A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H1-2'	E507042-12A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H1-4'	E507042-13A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H2-Surface	E507042-14A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H2-2'	E507042-15A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H2-4'	E507042-16A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H3-Surface	E507042-17A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H3-2'	E507042-18A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H3-4'	E507042-19A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H4-Surface	E507042-20A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H4-2'	E507042-21A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.
H4-4'	E507042-22A	Soil	07/01/25	07/06/25	Glass Jar, 2 oz.

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D1-2'

E507042-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/07/25	
Toluene	ND	0.0250	1	07/07/25	07/07/25	
o-Xylene	ND	0.0250	1	07/07/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.4 %*	*70-130*	*07/07/25*	*07/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*07/07/25*	*07/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**1340**	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	**1250**	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**237**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D1-4'

E507042-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/07/25	
Toluene	ND	0.0250	1	07/07/25	07/07/25	
o-Xylene	ND	0.0250	1	07/07/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.2 %*	*70-130*	*07/07/25*	*07/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*07/07/25*	*07/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**680**	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	**627**	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**348**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D2-2'

E507042-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/07/25	
Toluene	ND	0.0250	1	07/07/25	07/07/25	
o-Xylene	ND	0.0250	1	07/07/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.9 %*	*70-130*	*07/07/25*	*07/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*07/07/25*	*07/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	ND	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D2-4'

E507042-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	ND	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D3-2'

E507042-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/07/25	
Toluene	ND	0.0250	1	07/07/25	07/07/25	
o-Xylene	ND	0.0250	1	07/07/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.7 %*	*70-130*	*07/07/25*	*07/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.2 %*	*70-130*	*07/07/25*	*07/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**67.9**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D3-4'

E507042-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**89.5**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D4-2'

E507042-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.5 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.9 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**1130**	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	**643**	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**89.3**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D4-4'

E507042-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**59.0**	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	**73.6**	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**42.7**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D5-2'

E507042-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*87.7 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**218**	25.0	1	07/07/25	07/07/25	
Oil Range Organics (C28-C36)	**141**	50.0	1	07/07/25	07/07/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/07/25*	*07/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**520**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

D5-4'

E507042-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**76.3**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**65.4**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**359**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H1-Surface

E507042-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**118**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**239**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*121 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**79.2**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H1-2'

E507042-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.8 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**60.7**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**149**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*118 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**244**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H1-4'

E507042-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.6 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**34.0**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**89.4**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**327**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H2-Surface

E507042-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.8 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**121**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**129**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**173**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H2-2'

E507042-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.6 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**30.2**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**58.3**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**198**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H2-4'

E507042-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.5 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**72.5**	20.0	1	07/07/25	07/07/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H3-Surface

E507042-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*84.9 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**221**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**217**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**332**	20.0	1	07/07/25	07/08/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H3-2'

E507042-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.9 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**700**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**712**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*120 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**560**	20.0	1	07/07/25	07/08/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H3-4'

E507042-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*86.6 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**378**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**358**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**201**	20.0	1	07/07/25	07/08/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H4-Surface

E507042-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.5 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528019
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528024
Diesel Range Organics (C10-C28)	**194**	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**225**	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528016
Chloride	**468**	20.0	1	07/07/25	07/08/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H4-2'

E507042-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528020
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528020
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528025
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/25	07/08/25	
Surrogate: n-Nonane		*92.6 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528017
Chloride	**508**	20.0	1	07/07/25	07/08/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

H4-4'

E507042-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528020
Benzene	ND	0.0250	1	07/07/25	07/08/25	
Ethylbenzene	ND	0.0250	1	07/07/25	07/08/25	
Toluene	ND	0.0250	1	07/07/25	07/08/25	
o-Xylene	ND	0.0250	1	07/07/25	07/08/25	
p,m-Xylene	ND	0.0500	1	07/07/25	07/08/25	
Total Xylenes	ND	0.0250	1	07/07/25	07/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528020
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/07/25	07/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.0 %*	*70-130*	*07/07/25*	*07/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2528025
Diesel Range Organics (C10-C28)	**321**	125	5	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	**278**	250	5	07/07/25	07/08/25	
Surrogate: n-Nonane		*86.0 %*	*61-141*	*07/07/25*	*07/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528017
Chloride	**394**	20.0	1	07/07/25	07/08/25	

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

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 (2528019-BLK1)									Prepared: 07/07/25 Analyzed: 07/07/25
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	*7.12*		*8.00*		*89.0*	*70-130*			
LCS (2528019-BS1)									Prepared: 07/07/25 Analyzed: 07/07/25
Benzene	3.83	0.0250	5.00		76.6	70-130			
Ethylbenzene	3.70	0.0250	5.00		74.1	70-130			
Toluene	3.78	0.0250	5.00		75.6	70-130			
o-Xylene	3.70	0.0250	5.00		73.9	70-130			
p,m-Xylene	7.52	0.0500	10.0		75.2	70-130			
Total Xylenes	11.2	0.0250	15.0		74.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.17*		*8.00*		*89.6*	*70-130*			
Matrix Spike (2528019-MS1)				**Source: E507042-05**					Prepared: 07/07/25 Analyzed: 07/07/25
Benzene	5.52	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.42	0.0250	5.00	ND	108	70-130			
Toluene	5.50	0.0250	5.00	ND	110	70-130			
o-Xylene	5.37	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.3	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.18*		*8.00*		*89.7*	*70-130*			
Matrix Spike Dup (2528019-MSD1)				**Source: E507042-05**					Prepared: 07/07/25 Analyzed: 07/07/25
Benzene	4.90	0.0250	5.00	ND	97.9	70-130	12.0	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.1	70-130	12.0	26	
Toluene	4.87	0.0250	5.00	ND	97.4	70-130	12.1	20	
o-Xylene	4.82	0.0250	5.00	ND	96.5	70-130	10.7	25	
p,m-Xylene	9.75	0.0500	10.0	ND	97.5	70-130	11.4	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.2	70-130	11.1	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.24*		*8.00*		*90.6*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

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 (2528020-BLK1)									Prepared: 07/07/25 Analyzed: 07/08/25
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	*7.36*		*8.00*		*92.0*	*70-130*			
LCS (2528020-BS1)									Prepared: 07/07/25 Analyzed: 07/08/25
Benzene	4.92	0.0250	5.00		98.4	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.3	70-130			
Toluene	4.87	0.0250	5.00		97.4	70-130			
o-Xylene	4.81	0.0250	5.00		96.1	70-130			
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130			
Total Xylenes	14.4	0.0250	15.0		95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.48*		*8.00*		*93.5*	*70-130*			
Matrix Spike (2528020-MS1)				**Source: E507041-08**					Prepared: 07/07/25 Analyzed: 07/08/25
Benzene	5.07	0.0250	5.00	ND	101	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.8	70-130			
Toluene	5.03	0.0250	5.00	ND	101	70-130			
o-Xylene	4.98	0.0250	5.00	ND	99.6	70-130			
p,m-Xylene	9.92	0.0500	10.0	ND	99.2	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.39*		*8.00*		*92.3*	*70-130*			
Matrix Spike Dup (2528020-MSD1)				**Source: E507041-08**					Prepared: 07/07/25 Analyzed: 07/08/25
Benzene	5.58	0.0250	5.00	ND	112	70-130	9.67	27	
Ethylbenzene	5.44	0.0250	5.00	ND	109	70-130	9.67	26	
Toluene	5.55	0.0250	5.00	ND	111	70-130	9.75	20	
o-Xylene	5.49	0.0250	5.00	ND	110	70-130	9.65	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	9.52	23	
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130	9.57	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.33*		*8.00*		*91.7*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

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 (2528019-BLK1)									Prepared: 07/07/25 Analyzed: 07/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			
LCS (2528019-BS2)									Prepared: 07/07/25 Analyzed: 07/07/25
Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.84*		*8.00*		*97.9*	*70-130*			
Matrix Spike (2528019-MS2)				**Source: E507042-05**					Prepared: 07/07/25 Analyzed: 07/07/25
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.78*		*8.00*		*97.2*	*70-130*			
Matrix Spike Dup (2528019-MSD2)				**Source: E507042-05**					Prepared: 07/07/25 Analyzed: 07/07/25
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.3	70-130	2.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.78*		*8.00*		*97.3*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

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 (2528020-BLK1)									Prepared: 07/07/25 Analyzed: 07/08/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.05*		*8.00*		*88.1*	*70-130*			
LCS (2528020-BS2)									Prepared: 07/07/25 Analyzed: 07/08/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		99.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.7*	*70-130*			
Matrix Spike (2528020-MS2)				**Source: E507041-08**					Prepared: 07/07/25 Analyzed: 07/08/25
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike Dup (2528020-MSD2)				**Source: E507041-08**					Prepared: 07/07/25 Analyzed: 07/08/25
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.6	70-130	4.96	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.24*		*8.00*		*90.5*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2528024-BLK1)									Prepared: 07/07/25 Analyzed: 07/07/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.7*		*50.0*		*103*	*61-141*			
LCS (2528024-BS1)									Prepared: 07/07/25 Analyzed: 07/07/25
Diesel Range Organics (C10-C28)	288	25.0	250		115	66-144			
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*61-141*			
Matrix Spike (2528024-MS1)				**Source: E507042-13**					Prepared: 07/07/25 Analyzed: 07/07/25
Diesel Range Organics (C10-C28)	302	25.0	250	34.0	107	56-156			
Surrogate: n-Nonane	*51.2*		*50.0*		*102*	*61-141*			
Matrix Spike Dup (2528024-MSD1)				**Source: E507042-13**					Prepared: 07/07/25 Analyzed: 07/07/25
Diesel Range Organics (C10-C28)	309	25.0	250	34.0	110	56-156	2.27	20	
Surrogate: n-Nonane	*53.1*		*50.0*		*106*	*61-141*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2528025-BLK1)									Prepared: 07/07/25 Analyzed: 07/07/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*61-141*			
LCS (2528025-BS1)									Prepared: 07/07/25 Analyzed: 07/07/25
Diesel Range Organics (C10-C28)	217	25.0	250		86.7	66-144			
Surrogate: n-Nonane	*45.0*		*50.0*		*90.1*	*61-141*			
Matrix Spike (2528025-MS1)				**Source: E507041-13**					Prepared: 07/07/25 Analyzed: 07/07/25
Diesel Range Organics (C10-C28)	220	25.0	250	ND	87.9	56-156			
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*61-141*			
Matrix Spike Dup (2528025-MSD1)				**Source: E507041-13**					Prepared: 07/07/25 Analyzed: 07/07/25
Diesel Range Organics (C10-C28)	217	25.0	250	ND	87.0	56-156	1.05	20	
Surrogate: n-Nonane	*44.4*		*50.0*		*88.7*	*61-141*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

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 (2528016-BLK1)									Prepared: 07/07/25 Analyzed: 07/07/25
Chloride	ND	20.0							
LCS (2528016-BS1)									Prepared: 07/07/25 Analyzed: 07/07/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2528016-MS1)				**Source: E507042-02**					Prepared: 07/07/25 Analyzed: 07/07/25
Chloride	591	20.0	250	348	97.1	80-120			
Matrix Spike Dup (2528016-MSD1)				**Source: E507042-02**					Prepared: 07/07/25 Analyzed: 07/07/25
Chloride	577	20.0	250	348	91.4	80-120	2.47	20	

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/8/2025 3:14:49PM

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 (2528017-BLK1)									Prepared: 07/07/25 Analyzed: 07/08/25
Chloride	ND	20.0							
LCS (2528017-BS1)									Prepared: 07/07/25 Analyzed: 07/08/25
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2528017-MS1)				**Source: E507001-01**					Prepared: 07/07/25 Analyzed: 07/08/25
Chloride	280	20.0	250	29.0	100	80-120			
Matrix Spike Dup (2528017-MSD1)				**Source: E507001-01**					Prepared: 07/07/25 Analyzed: 07/08/25
Chloride	287	20.0	250	29.0	103	80-120	2.52	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

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	07/08/25 15:14

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.

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E507042	1D 2D 3D Std	NM CO UT TX
Project Name: Vacuum ABO Battery #2	Address:	Job Number 25038-0001	X	X
Project Manager: Tom Bynum	City, State, Zip:			
Address: 5846 E 21st Place	Phone:			
City, State, Zip: Tulsa, OK 74114	Email:			
Phone: 580-748-1613	Miscellaneous: Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
8:15 AM	7/1/2025	S	1	D1-2'		1									X			1.8	
8:23 AM	7/1/2025	S	1	D1-4'		2									X			2.3	
8:31 AM	7/1/2025	S	1	D2-2'		3									X			2.5	
8:39 AM	7/1/2025	S	1	D2-4'		4									X			1.9	
8:46 AM	7/1/2025	S	1	D3-2'		5									X			2.0	
8:55 AM	7/1/2025	S	1	D3-4'		6									X			2.2	
9:03 AM	7/1/2025	S	1	D4-2'		7									X			2.5	
9:20 AM	7/1/2025	S	1	D4-4'		8									X			2.1	
9:28 AM	7/1/2025	S	1	D5-2'		9									X			2.3	
9:41 AM	7/1/2025	S	1	D5-4'		10									X			2.5	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: Bill to Maverick Permian(Diversified) // Bill Category 106102 // Property Code AFE000000005658 (NPAC0628649384)

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: Terrell Willyard

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/3/25	1400 pm	Michelle Gonzales	7-3-25	1300
Michelle Gonzales	7-6-25	1330		7-6-25	1330
	7-6-25	2030	NR Sdg	7-6-25	2030

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: Y / N

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 14 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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E507042	1D:	NM:
Project Name: Vacuum ABO Battery #2	Address:	Job Number 25038-0001	2D: X	CO:
Project Manager: Tom Bynum	City, State, Zip:		3D:	UT:
Address: 5846 E 21st Place	Phone:		Std:	TX: X
City, State, Zip: Tulsa, OK 74114	Email:			
Phone: 580-748-1613	Miscellaneous: Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
9:52 AM	7/1/2025	S	1	H1-Surface		11									X			2.8	
10:05 AM	7/1/2025	S	1	H1-2'		12									X			2.9	
10:12 AM	7/1/2025	S	1	H1-4'		13									X			2.7	
10:22 AM	7/1/2025	S	1	H2-Surface		14									X			2.5	
10:34 AM	7/1/2025	S	1	H2-2'		15									X			3.0	
10:41 AM	7/1/2025	S	1	H2-4'		16									X			2.9	
10:47 AM	7/1/2025	S	1	H3-Surface		17									X			2.8	
10:51 AM	7/1/2025	S	1	H3-2'		18									X			2.5	
11:03 AM	7/1/2025	S	1	H3-4'		19									X			2.2	
11:09 AM	7/1/2025	S	1	H4-Surface		20									X			2.3	

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance | Y | or | N

PWSID #

Additional Instructions: Bill to Maverick Permian(Diversified) // Bill Category 106102 // Property Code AFE000000005658 (NPAC0628649384)

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: Terrell Willyerd

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/3/25	1:00 pm	Michelle Gonzales	7-3-25	1300
Michelle Gonzales	7-6-25	1330		7-6-25	1330
	7-6-25	2030	Noe Sola	7-6-25	2030

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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 14 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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E507042 / Job Number 25038-0001	1D 2D 3D Std: X	NM CO UT TX: X
Project Name: Vacuum ABO Battery #2	Address:			
Project Manager: Tom Bynum	City, State, Zip:			
Address: 5846 E 21st Place	Phone:			
City, State, Zip: Tulsa, OK 74114	Email:			
Phone: 580-748-1613	Miscellaneous: Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
11:18 AM	7/1/2025	S	1	H4-2'		21								X		2.4	
11:25 AM	7/1/2025	S	1	H4-4'		22								X		2.2	

Analysis and Method

EPA Program: SDWA | CWA | RCRA; Compliance Y or N; PWSID #

Additional Instructions: Bill to Maverick Permian(Diversified) // Bill Category 106102 // Property Code AFE000000005658 (NPAC0628649384)

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: Terrell Willyard

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/3/25	1:00 pm	Michelle Gonzales	7-3-25	1300
Michelle Gonzales	7-6-25	1330		7-6-25	1330
	7-6-25	2030	Noe Sdo	7-6-25	2030
					2300 DS

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) / N

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 14 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: 7/7/2025 8:35:17AM

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:	Sapec-Eco, LLC	Date Received:	07/06/25 20:30	Work Order ID:	E507042
Phone:	(580) 748-1613	Date Logged In:	07/07/25 08:20	Logged In By:	Noe Soto
Email:	tombynum@sapec-eco.com	Due Date:	07/08/25 17:00 (1 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?	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	

Comments/Resolution

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? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

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 filtration 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

Client Instruction

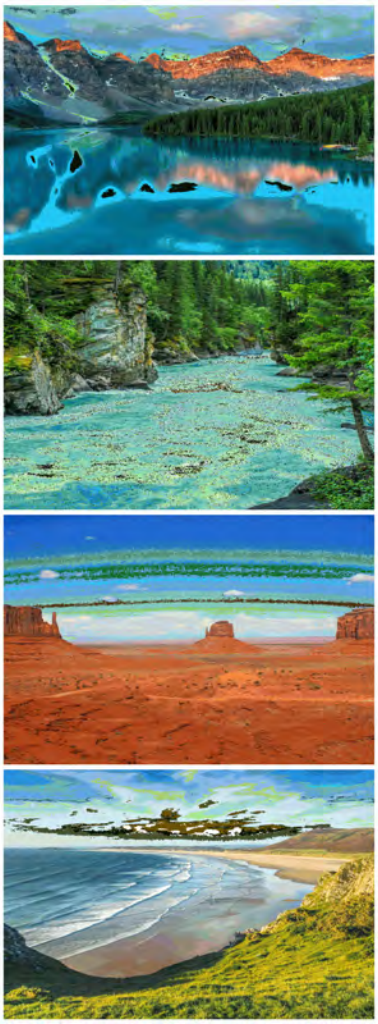
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name:	Vacuum ABO Battery #2
Work Order:	E507083
Job Number:	25038-0001
Received:	7/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/14/25

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: 7/14/25

Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Vacuum ABO Battery #2
Workorder: E507083
Date Received: 7/10/2025 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/10/2025 7:00:00AM, under the Project Name: Vacuum ABO Battery #2.

The analytical test results summarized in this report with the Project Name: Vacuum ABO Battery #2 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
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	07/14/25 15:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
01-1'	E507083-01A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
02-1'	E507083-02A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
03-1'	E507083-03A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
04-1'	E507083-04A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
05-1'	E507083-05A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
06-1'	E507083-06A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
07-1'	E507083-07A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
08-1'	E507083-08A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
09-1'	E507083-09A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
010-1'	E507083-10A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
011-1'	E507083-11A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
012-1'	E507083-12A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
013-1.5'	E507083-13A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
014-1'	E507083-14A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
015-1'	E507083-15A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
016-1'	E507083-16A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
017-1'	E507083-17A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
018-1.5'	E507083-18A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
019-1.5'	E507083-19A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
020-1.5'	E507083-20A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
021-1.5'	E507083-21A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
022-1.5'	E507083-22A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
W1-1'	E507083-23A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
W2-1.5'	E507083-24A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
H1-1.5'	E507083-25A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
H2-1.5'	E507083-26A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
H3-1'	E507083-27A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.
H4-1'	E507083-28A	Soil	07/08/25	07/10/25	Glass Jar, 2 oz.

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

01-1'

E507083-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**1100**	50.0	2	07/09/25	07/10/25	
Oil Range Organics (C28-C36)	**1570**	100	2	07/09/25	07/10/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*07/09/25*	*07/10/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**46.5**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

02-1'

E507083-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.5 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**1370**	50.0	2	07/09/25	07/10/25	
Oil Range Organics (C28-C36)	**1860**	100	2	07/09/25	07/10/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*07/09/25*	*07/10/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**1030**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

03-1'

E507083-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**2300**	50.0	2	07/09/25	07/10/25	
Oil Range Organics (C28-C36)	**2550**	100	2	07/09/25	07/10/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*07/09/25*	*07/10/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**692**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

04-1'

E507083-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**435**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**789**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	ND	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

05-1'

E507083-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**381**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**645**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**25.5**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

06-1'

E507083-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**1240**	50.0	2	07/09/25	07/10/25	
Oil Range Organics (C28-C36)	**1530**	100	2	07/09/25	07/10/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*07/09/25*	*07/10/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	ND	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

07-1'

E507083-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.6 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**3990**	50.0	2	07/09/25	07/10/25	
Oil Range Organics (C28-C36)	**3840**	100	2	07/09/25	07/10/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*07/09/25*	*07/10/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**245**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

08-1'

E507083-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.8 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**1930**	125	5	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**2990**	250	5	07/09/25	07/11/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**493**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

09-1'

E507083-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.0 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**1160**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**1530**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**291**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

010-1'

E507083-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**3960**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**4000**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**104**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

011-1'

E507083-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.9 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**2340**	125	5	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**3030**	250	5	07/09/25	07/11/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**355**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

012-1'

E507083-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**3600**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**4000**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**435**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

013-1.5'

E507083-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.6 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**597**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**896**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**80.2**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

014-1'

E507083-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/10/25	
Toluene	ND	0.0250	1	07/09/25	07/10/25	
o-Xylene	ND	0.0250	1	07/09/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.0 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*07/09/25*	*07/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**1300**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**1620**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**64.2**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

015-1'

E507083-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**1510**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**2100**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**571**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

016-1'

E507083-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**3830**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**4190**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**296**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

017-1'

E507083-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.7 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**3480**	125	5	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**3850**	250	5	07/09/25	07/11/25	
Surrogate: n-Nonane		*113 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**69.4**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

018-1.5'

E507083-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**602**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**1000**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**46.1**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

019-1.5'

E507083-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**1120**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**1630**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**179**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

020-1.5'

E507083-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528130
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528124
Diesel Range Organics (C10-C28)	**736**	50.0	2	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**1270**	100	2	07/09/25	07/11/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528144
Chloride	**40.1**	20.0	1	07/09/25	07/11/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

021-1.5'

E507083-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Benzene	ND	0.250	10	07/09/25	07/11/25	
Ethylbenzene	ND	0.250	10	07/09/25	07/11/25	
Toluene	ND	0.250	10	07/09/25	07/11/25	
o-Xylene	**3.59**	0.250	10	07/09/25	07/11/25	
p,m-Xylene	**0.543**	0.500	10	07/09/25	07/11/25	
Total Xylenes	**4.13**	0.250	10	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.3 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Gasoline Range Organics (C6-C10)	ND	200	10	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2528123
Diesel Range Organics (C10-C28)	**2140**	25.0	1	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**2100**	50.0	1	07/09/25	07/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528147
Chloride	**172**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

022-1.5'

E507083-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	**0.408**	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	**0.408**	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.4 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.7 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2528123
Diesel Range Organics (C10-C28)	**4120**	25.0	1	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**3250**	50.0	1	07/09/25	07/11/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528147
Chloride	**106**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

W1-1'

E507083-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	**1.31**	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	**0.0794**	0.0500	1	07/09/25	07/11/25	
Total Xylenes	**1.39**	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.3 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2528123
Diesel Range Organics (C10-C28)	**1850**	25.0	1	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**2770**	50.0	1	07/09/25	07/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528147
Chloride	**282**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

W2-1.5'

E507083-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	**0.695**	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	**0.695**	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.8 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2528123
Diesel Range Organics (C10-C28)	**813**	25.0	1	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**1280**	50.0	1	07/09/25	07/11/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528147
Chloride	**272**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

H1-1.5'

E507083-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2528123
Diesel Range Organics (C10-C28)	**131**	25.0	1	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**327**	50.0	1	07/09/25	07/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528147
Chloride	ND	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

H2-1.5'

E507083-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Benzene	ND	0.0250	1	07/09/25	07/12/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/12/25	
Toluene	ND	0.0250	1	07/09/25	07/12/25	
o-Xylene	ND	0.0250	1	07/09/25	07/12/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/12/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/12/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*07/09/25*	*07/12/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/12/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*07/09/25*	*07/12/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2528123
Diesel Range Organics (C10-C28)	**186**	25.0	1	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**436**	50.0	1	07/09/25	07/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528147
Chloride	**35.4**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

H3-1'

E507083-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2528123
Diesel Range Organics (C10-C28)	**284**	25.0	1	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**636**	50.0	1	07/09/25	07/11/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528147
Chloride	**46.5**	20.0	1	07/09/25	07/10/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

H4-1'

E507083-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Benzene	ND	0.0250	1	07/09/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/09/25	07/11/25	
Toluene	ND	0.0250	1	07/09/25	07/11/25	
o-Xylene	ND	0.0250	1	07/09/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/09/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/09/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2528129
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/09/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.8 %*	*70-130*	*07/09/25*	*07/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2528123
Diesel Range Organics (C10-C28)	**41.6**	25.0	1	07/09/25	07/11/25	
Oil Range Organics (C28-C36)	**145**	50.0	1	07/09/25	07/11/25	
Surrogate: n-Nonane		*93.9 %*	*61-141*	*07/09/25*	*07/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2528147
Chloride	**71.3**	20.0	1	07/09/25	07/10/25	

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

Volatile Organics by EPA 8021B

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 (2528129-BLK1)									Prepared: 07/09/25 Analyzed: 07/10/25
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	*7.04*		*8.00*		*87.9*	*70-130*			
LCS (2528129-BS1)									Prepared: 07/09/25 Analyzed: 07/10/25
Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.12	0.0250	5.00		102	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.05*		*8.00*		*88.1*	*70-130*			
Matrix Spike (2528129-MS1)				**Source: E507082-23**					Prepared: 07/09/25 Analyzed: 07/10/25
Benzene	4.78	0.0250	5.00	ND	95.6	70-130			
Ethylbenzene	4.75	0.0250	5.00	ND	94.9	70-130			
Toluene	4.80	0.0250	5.00	ND	96.1	70-130			
o-Xylene	4.77	0.0250	5.00	ND	95.5	70-130			
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	70-130			
Total Xylenes	14.4	0.0250	15.0	ND	95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.05*		*8.00*		*88.1*	*70-130*			
Matrix Spike Dup (2528129-MSD1)				**Source: E507082-23**					Prepared: 07/09/25 Analyzed: 07/10/25
Benzene	5.37	0.0250	5.00	ND	107	70-130	11.6	27	
Ethylbenzene	5.33	0.0250	5.00	ND	107	70-130	11.6	26	
Toluene	5.38	0.0250	5.00	ND	108	70-130	11.4	20	
o-Xylene	5.31	0.0250	5.00	ND	106	70-130	10.7	25	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	11.1	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	11.0	26	
Surrogate: 4-Bromochlorobenzene-PID	*6.93*		*8.00*		*86.7*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

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 (2528130-BLK1)									Prepared: 07/09/25 Analyzed: 07/10/25
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	*8.46*		*8.00*		*106*	*70-130*			
LCS (2528130-BS1)									Prepared: 07/09/25 Analyzed: 07/10/25
Benzene	4.55	0.0250	5.00		91.0	70-130			
Ethylbenzene	4.53	0.0250	5.00		90.6	70-130			
Toluene	4.58	0.0250	5.00		91.6	70-130			
o-Xylene	4.48	0.0250	5.00		89.7	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.6	0.0250	15.0		90.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.29*		*8.00*		*104*	*70-130*			
Matrix Spike (2528130-MS1)				**Source: E507083-08**					Prepared: 07/09/25 Analyzed: 07/10/25
Benzene	4.58	0.0250	5.00	ND	91.5	70-130			
Ethylbenzene	4.52	0.0250	5.00	ND	90.5	70-130			
Toluene	4.59	0.0250	5.00	ND	91.8	70-130			
o-Xylene	4.43	0.0250	5.00	ND	88.7	70-130			
p,m-Xylene	9.10	0.0500	10.0	ND	91.0	70-130			
Total Xylenes	13.5	0.0250	15.0	ND	90.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.83*		*8.00*		*97.9*	*70-130*			
Matrix Spike Dup (2528130-MSD1)				**Source: E507083-08**					Prepared: 07/09/25 Analyzed: 07/10/25
Benzene	4.51	0.0250	5.00	ND	90.3	70-130	1.36	27	
Ethylbenzene	4.49	0.0250	5.00	ND	89.8	70-130	0.744	26	
Toluene	4.54	0.0250	5.00	ND	90.7	70-130	1.15	20	
o-Xylene	4.39	0.0250	5.00	ND	87.9	70-130	0.870	25	
p,m-Xylene	9.04	0.0500	10.0	ND	90.4	70-130	0.662	23	
Total Xylenes	13.4	0.0250	15.0	ND	89.6	70-130	0.730	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.77*		*8.00*		*97.1*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

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 (2528129-BLK1)									Prepared: 07/09/25 Analyzed: 07/10/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.2*	*70-130*			
LCS (2528129-BS2)									Prepared: 07/09/25 Analyzed: 07/10/25
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.4*	*70-130*			
Matrix Spike (2528129-MS2)				**Source: E507082-23**					Prepared: 07/09/25 Analyzed: 07/11/25
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.1*	*70-130*			
Matrix Spike Dup (2528129-MSD2)				**Source: E507082-23**					Prepared: 07/09/25 Analyzed: 07/11/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.4	70-130	13.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

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 (2528130-BLK1)									Prepared: 07/09/25 Analyzed: 07/10/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.3*	*70-130*			
LCS (2528130-BS2)									Prepared: 07/09/25 Analyzed: 07/10/25
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.8*	*70-130*			
Matrix Spike (2528130-MS2)				**Source: E507083-08**					Prepared: 07/09/25 Analyzed: 07/10/25
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
Matrix Spike Dup (2528130-MSD2)				**Source: E507083-08**					Prepared: 07/09/25 Analyzed: 07/10/25
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130	0.669	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2528123-BLK1)									Prepared: 07/09/25 Analyzed: 07/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.9*		*50.0*		*89.8*	*61-141*			
LCS (2528123-BS1)									Prepared: 07/09/25 Analyzed: 07/10/25
Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: n-Nonane	*45.9*		*50.0*		*91.8*	*61-141*			
Matrix Spike (2528123-MS1)				**Source: E507082-23**					Prepared: 07/09/25 Analyzed: 07/10/25
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.6	56-156			
Surrogate: n-Nonane	*46.2*		*50.0*		*92.5*	*61-141*			
Matrix Spike Dup (2528123-MSD1)				**Source: E507082-23**					Prepared: 07/09/25 Analyzed: 07/10/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	56-156	2.37	20	
Surrogate: n-Nonane	*45.5*		*50.0*		*90.9*	*61-141*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

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 (2528124-BLK1)									Prepared: 07/09/25 Analyzed: 07/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*61-141*			
LCS (2528124-BS1)									Prepared: 07/09/25 Analyzed: 07/10/25
Diesel Range Organics (C10-C28)	250	25.0	250		99.9	66-144			
Surrogate: n-Nonane	*46.6*		*50.0*		*93.2*	*61-141*			
Matrix Spike (2528124-MS1)				**Source: E507083-04**					Prepared: 07/09/25 Analyzed: 07/10/25
Diesel Range Organics (C10-C28)	729	50.0	250	435	118	56-156			
Surrogate: n-Nonane	*55.1*		*50.0*		*110*	*61-141*			
Matrix Spike Dup (2528124-MSD1)				**Source: E507083-04**					Prepared: 07/09/25 Analyzed: 07/10/25
Diesel Range Organics (C10-C28)	728	50.0	250	435	117	56-156	0.105	20	
Surrogate: n-Nonane	*55.8*		*50.0*		*112*	*61-141*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2528144-BLK1)									Prepared: 07/09/25 Analyzed: 07/10/25
Chloride	ND	20.0							
LCS (2528144-BS1)									Prepared: 07/09/25 Analyzed: 07/10/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2528144-MS1)				**Source: E507083-04**					Prepared: 07/09/25 Analyzed: 07/10/25
Chloride	272	20.0	250	ND	109	80-120			
Matrix Spike Dup (2528144-MSD1)				**Source: E507083-04**					Prepared: 07/09/25 Analyzed: 07/10/25
Chloride	273	20.0	250	ND	109	80-120	0.321	20	

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:17:04PM

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 (2528147-BLK1)									Prepared: 07/09/25 Analyzed: 07/10/25
Chloride	ND	20.0							
LCS (2528147-BS1)									Prepared: 07/09/25 Analyzed: 07/10/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2528147-MS1)				**Source: E507083-24**					Prepared: 07/09/25 Analyzed: 07/10/25
Chloride	569	20.0	250	272	119	80-120			
Matrix Spike Dup (2528147-MSD1)				**Source: E507083-24**					Prepared: 07/09/25 Analyzed: 07/10/25
Chloride	566	20.0	250	272	118	80-120	0.547	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

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	07/14/25 15:17

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.

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Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E507083	Job Number 25038.0001	1D 2D 3D Std: X	NM CO UT TX: X
Project Name: Vacuum ABO Battery #2	Bill Category: 106102			
Project Manager: Tom Bynum	Property Code: AFE000000005658			
Address: 5846 E 21st Place	ATTN: Bryce Wagoner			
City, State, Zip: Tulsa, OK 74114	Email: bwagoner@dgoc.com			
Phone: 580-748-1613	Miscellaneous: Sapec Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
9:15 AM	7/8/2025	S	1	01-1'		1								X		2.6	
9:21 AM	7/8/2025	S	1	02-1'		2								X		3.1	
9:27 AM	7/8/2025	S	1	03-1'		3								X		2.8	
9:33 AM	7/8/2025	S	1	04-1'		4								X		3.0	
9:39 AM	7/8/2025	S	1	05-1'		5								X		3.8	
9:46 AM	7/8/2025	S	1	06-1'		6								X		4.1	
9:53 AM	7/8/2025	S	1	07-1'		7								X		3.4	
9:58 AM	7/8/2025	S	1	08-1'		8								X		3.6	
10:07 AM	7/8/2025	S	1	09-1'		9								X		4.0	
10:13 AM	7/8/2025	S	1	010-1'		10								X		4.2	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: (NPAC0628649384)

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: Jerrell Willyard

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/9/2025	1:00 pm	Michelle Gonzales	7-9-25	1300
Michelle Gonzales	7-9-25	1545	Camden Briggs	7-9-25	1615
Camden Briggs	7-10-25	0000	Caitlin Mar	7-10-25	700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only

Received on ice: (Y) N

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 14 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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Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E507083	Job Number 25037-0001	1D 2D 3D Std: X	NM CO UT TX: X
Project Name: Vacuum ABO Battery #2	Bill Category: 106102			
Project Manager: Tom Bynum	Property Code: AFE000000005658			
Address: 5846 E 21st Place	ATTN: Bryce Wagoner			
City, State, Zip: Tulsa, OK 74114	Email: bwagoner@dgoc.com			
Phone: 580-748-1613	Miscellaneous: Sapec Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
10:17 AM	7/8/2025	S	1	011-1'		11									X			3.2	
10:24 AM	7/8/2025	S	1	012-1'		12									X			3.8	
10:30 AM	7/8/2025	S	1	013-1.5'		13									X			4.0	
10:35 AM	7/8/2025	S	1	014-1'		14									X			4.2	
10:42 AM	7/8/2025	S	1	015-1'		15									X			3.6	
10:45 AM	7/8/2025	S	1	016-1'		16									X			3.0	
10:52 AM	7/8/2025	S	1	017-1'		17									X			3.0	
11:01 AM	7/8/2025	S	1	018-1.5'		18									X			2.8	
11:06 AM	7/8/2025	S	1	019-1.5'		19									X			2.9	
11:13 AM	7/8/2025	S	1	020-1.5'		20									X			3.2	

Analysis and Method

EPA Program: SDWA | CWA | RCRA; Compliance Y or N; PWSID #

Additional Instructions: (NPAC0628649384)

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: Terrell Willyard

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/9/2025	1:00 pm	Michelle Gonzales	7.9.25	1300
Michelle Gonzales	7-9-25	1545	Camden Briggs	7-9-25	1615
Camden Briggs	7-10-25	0000		7.10.25	700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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 14 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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Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E550813	1D 2D 3D Std	NM CO UT TX
Project Name: Vacuum ABO Battery #2	Bill Category: 106102	Job Number 25058.0001	X	X
Project Manager: Tom Bynum	Property Code: AFE000000005658			
Address: 5846 E 21st Place	ATTN: Bryce Wagoner			
City, State, Zip: Tulsa, OK 74114	Email: bwagoner@dgoc.com			
Phone: 580-748-1613	Miscellaneous: Sapec Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information							Analysis and Method										EPA Program	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA / CWA / RCRA
																	Compliance	Y or N
																	PWSID #	
																	Same Temp	Remarks
11:17 AM	7/8/2025	S	1	021-1.5'		21									X		4.0	
11:21 AM	7/8/2025	S	1	022-1.5'		22									X		4.0	
11:25 AM	7/8/2025	S	1	W1-1'		23									X		3.8	
11:32 AM	7/8/2025	S	1	W2-1.5'		24									X		2.8	
11:37 AM	7/8/2025	S	1	H1-1.5'		25									X		3.0	
11:45 AM	7/8/2025	S	1	H2-1.5'		26									X		2.6	
11:51 AM	7/8/2025	S	1	H3-1'		27									X		3.6	
11:58 AM	7/8/2025	S	1	H4-1'		28									X		3.4	

Additional Instructions: (NPAC0628649384)

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: Terrell Willyard

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/9/2025	1:00 pm	Michelle Gonzales	7-9-25	1300
Michelle Gonzales	7-9-25	1545	Camden Briggs	7-9-25	1615
Camden Briggs	7-10-25	0000	Cassidy Hart	7.10.25	700
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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 14 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: 7/10/2025 9:29:57AM

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:	Sapec-Eco, LLC	Date Received:	07/10/25 07:00	Work Order ID:	E507083
Phone:	(580) 748-1613	Date Logged In:	07/09/25 15:18	Logged In By:	Noe Soto
Email:	tombynum@sapec-eco.com	Due Date:	07/11/25 17:00 (1 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?	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	

Comments/Resolution

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? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

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 filtration 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

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name:	Vacuum ABO Battery #2
Work Order:	E507094
Job Number:	25038-0001
Received:	7/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/14/25

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: 7/14/25

Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Vacuum ABO Battery #2
Workorder: E507094
Date Received: 7/11/2025 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2025 7:15:00AM, under the Project Name: Vacuum ABO Battery #2.

The analytical test results summarized in this report with the Project Name: Vacuum ABO Battery #2 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

Table of Contents

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Sample Summary

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	07/14/25 15:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
D1-5'	E507094-01A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
D4-4.5'	E507094-02A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
D5-4.5'	E507094-03A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H1-Surface	E507094-04A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H1-2'	E507094-05A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H1-4'	E507094-06A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H2-Surface	E507094-07A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H2-2'	E507094-08A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H2-4'	E507094-09A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H3-Surface	E507094-10A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H3-2'	E507094-11A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H3-4'	E507094-12A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H4-Surface	E507094-13A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H4-2'	E507094-14A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.
H4-4'	E507094-15A	Soil	07/09/25	07/11/25	Glass Jar, 2 oz.

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

D1-5'

E507094-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*85.4 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.8 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/12/25	
Surrogate: n-Nonane		*93.7 %*	*61-141*	*07/11/25*	*07/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

D4-4.5'

E507094-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.2 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/12/25	
Surrogate: n-Nonane		*95.0 %*	*61-141*	*07/11/25*	*07/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

D5-4.5'

E507094-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.5 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/12/25	
Surrogate: n-Nonane		*94.4 %*	*61-141*	*07/11/25*	*07/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H1-Surface

E507094-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*81.5 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/12/25	
Surrogate: n-Nonane		*94.4 %*	*61-141*	*07/11/25*	*07/12/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H1-2'

E507094-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/13/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/13/25	
Toluene	ND	0.0250	1	07/11/25	07/13/25	
o-Xylene	ND	0.0250	1	07/11/25	07/13/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/13/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*07/11/25*	*07/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.1 %*	*70-130*	*07/11/25*	*07/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*96.6 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H1-4'

E507094-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.3 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*97.1 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H2-Surface

E507094-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.0 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*96.1 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H2-2'

E507094-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*83.5 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*93.7 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H2-4'

E507094-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.6 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*95.3 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H3-Surface

E507094-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.2 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*95.7 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H3-2'

E507094-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.4 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*95.0 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H3-4'

E507094-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*82.2 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*94.1 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H4-Surface

E507094-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.0 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*97.1 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H4-2'

E507094-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*84.9 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*93.5 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

H4-4'

E507094-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Benzene	ND	0.0250	1	07/11/25	07/14/25	
Ethylbenzene	ND	0.0250	1	07/11/25	07/14/25	
Toluene	ND	0.0250	1	07/11/25	07/14/25	
o-Xylene	ND	0.0250	1	07/11/25	07/14/25	
p,m-Xylene	ND	0.0500	1	07/11/25	07/14/25	
Total Xylenes	ND	0.0250	1	07/11/25	07/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2528161
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/11/25	07/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.0 %*	*70-130*	*07/11/25*	*07/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2528165
Diesel Range Organics (C10-C28)	ND	25.0	1	07/11/25	07/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/11/25	07/13/25	
Surrogate: n-Nonane		*95.0 %*	*61-141*	*07/11/25*	*07/13/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2528164
Chloride	ND	20.0	1	07/11/25	07/12/25	

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

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 (2528161-BLK1)									Prepared: 07/11/25 Analyzed: 07/13/25
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	*7.64*		*8.00*		*95.5*	*70-130*			
LCS (2528161-BS1)									Prepared: 07/11/25 Analyzed: 07/13/25
Benzene	3.78	0.0250	5.00		75.5	70-130			
Ethylbenzene	3.70	0.0250	5.00		74.0	70-130			
Toluene	3.82	0.0250	5.00		76.4	70-130			
o-Xylene	3.75	0.0250	5.00		74.9	70-130			
p,m-Xylene	7.43	0.0500	10.0		74.3	70-130			
Total Xylenes	11.2	0.0250	15.0		74.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.71*		*8.00*		*96.4*	*70-130*			
Matrix Spike (2528161-MS1)				**Source: E507094-09**					Prepared: 07/11/25 Analyzed: 07/13/25
Benzene	4.80	0.0250	5.00	ND	96.0	70-130			
Ethylbenzene	4.71	0.0250	5.00	ND	94.3	70-130			
Toluene	4.74	0.0250	5.00	ND	94.8	70-130			
o-Xylene	4.73	0.0250	5.00	ND	94.6	70-130			
p,m-Xylene	9.43	0.0500	10.0	ND	94.3	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	94.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.4*	*70-130*			
Matrix Spike Dup (2528161-MSD1)				**Source: E507094-09**					Prepared: 07/11/25 Analyzed: 07/14/25
Benzene	5.22	0.0250	5.00	ND	104	70-130	8.32	27	
Ethylbenzene	5.04	0.0250	5.00	ND	101	70-130	6.71	26	
Toluene	5.17	0.0250	5.00	ND	103	70-130	8.62	20	
o-Xylene	5.06	0.0250	5.00	ND	101	70-130	6.69	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	6.66	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	6.67	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.52*		*8.00*		*94.1*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

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 (2528161-BLK1)									Prepared: 07/11/25 Analyzed: 07/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.80*		*8.00*		*85.0*	*70-130*			
LCS (2528161-BS2)									Prepared: 07/11/25 Analyzed: 07/13/25
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.57*		*8.00*		*82.1*	*70-130*			
Matrix Spike (2528161-MS2)				**Source: E507094-09**					Prepared: 07/11/25 Analyzed: 07/14/25
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.70*		*8.00*		*83.8*	*70-130*			
Matrix Spike Dup (2528161-MSD2)				**Source: E507094-09**					Prepared: 07/11/25 Analyzed: 07/14/25
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.2	70-130	4.22	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.81*		*8.00*		*85.1*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

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 (2528165-BLK1)									Prepared: 07/11/25 Analyzed: 07/12/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.7*		*50.0*		*95.3*	*61-141*			
LCS (2528165-BS1)									Prepared: 07/11/25 Analyzed: 07/12/25
Diesel Range Organics (C10-C28)	247	25.0	250		98.7	66-144			
Surrogate: n-Nonane	*47.4*		*50.0*		*94.8*	*61-141*			
Matrix Spike (2528165-MS1)				**Source: E507094-02**					Prepared: 07/11/25 Analyzed: 07/12/25
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.2	56-156			
Surrogate: n-Nonane	*49.0*		*50.0*		*98.0*	*61-141*			
Matrix Spike Dup (2528165-MSD1)				**Source: E507094-02**					Prepared: 07/11/25 Analyzed: 07/12/25
Diesel Range Organics (C10-C28)	245	25.0	250	ND	97.8	56-156	0.396	20	
Surrogate: n-Nonane	*47.1*		*50.0*		*94.3*	*61-141*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/14/2025 3:20:54PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2528164-BLK1)									Prepared: 07/11/25 Analyzed: 07/12/25
Chloride	ND	20.0							
LCS (2528164-BS1)									Prepared: 07/11/25 Analyzed: 07/12/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2528164-MS1)				**Source: E507094-03**					Prepared: 07/11/25 Analyzed: 07/12/25
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2528164-MSD1)				**Source: E507094-03**					Prepared: 07/11/25 Analyzed: 07/12/25
Chloride	254	20.0	250	ND	102	80-120	0.309	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

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	07/14/25 15:20

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.

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E507094 Job Number 25038 0001	1D 2D 3D Std: X	NM CO UT TX: X
Project Name: Vacuum ABO Battery #2	Bill Category: 106102			
Project Manager: Tom Bynum	Property Code: AFE000000005658			
Address: 5846 E 21st Place	ATTN: Bryce Wagoner			
City, State, Zip: Tulsa, OK 74114	Email: bwagoner@dgoc.com			
Phone: 580-748-1613	Miscellaneous: Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
8:00 AM	7-9-25	S	1	D1-5'		1								X		3.4	
8:15 AM	7-9-25	S	1	D4-4.5'		2								X		3.9	
8:30 AM	7-9-25	S	1	D5-4.5'		3								X		3.7	
8:40 AM	7-9-25	S	1	H1-Surface		4								X		3.9	
8:45 AM	7-9-25	S	1	H1-2'		5								X		2.5	
9:00 AM	7-9-25	S	1	H1-4'		6								X		3.9	
9:05 AM	7-9-25	S	1	H2-Surface		7								X		3.6	
9:15 AM	7-9-25	S	1	H2-2'		8								X		2.7	
9:30 AM	7-9-25	S	1	H2-4'		9								X		1.7	
9:40 AM	7-9-25	S	1	H3-Surface		10								X		1.0	

Analysis and Method | **EPA Program**: SDWA / CWA / RCRA; Compliance Y or N; PWSID #

Additional Instructions: NPAC0628649384

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: Terren Wilhyard

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/10/25	1:00 pm	Michelle Gonzales	7-10-25	1300
Michelle Gonzales	7.10.25	1700		7.10.25	1200
	7.10.25	2300	Caitlyn Mann	7-11-25	715

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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 14 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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E507094 / Job Number 25038-0001	1D: 2D: X 3D: Std:	NM: X CO: UT: TX:
Project Name: Vacuum ABO Battery #2	Bill Category: 106102			
Project Manager: Tom Bynum	Property Code: AFE000000005658			
Address: 5846 E 21st Place	ATTN: Bryce Wagoner			
City, State, Zip: Tulsa, OK 74114	Email: bwagoner@dgoc.com			
Phone: 580-748-1613	Miscellaneous: Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information / **Analysis and Method** / **EPA Program**

EPA Program: SDWA / CWA / RCRA; Compliance Y or N; PWSID #

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
9:55 AM	7-9-25	S	1	H3-2'		11									X			4.2	
10:15 AM	7-9-25	S	1	H3-4'		12									X			3.0	
10:20 AM	7-9-25	S	1	H4-Surface		13									X			2.2	
10:35 AM	7-9-25	S	1	H4-2'		14									X			1.7	
10:50 AM	7-9-25	S	1	H4-4'		15									X			2.5	

Additional Instructions: NPAC0628649384

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: Tannell Willgand

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7/10/25	1:00 pm	Michelle Gonzales	7-10-25	1300
Michelle Gonzales	7-10-25	1700		7.10.25	1700
	7.10.25	2300	Caitlin Mann	7-11-25	715

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) / N

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 14 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: 7/11/2025 9:05:06AM

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:	Sapec-Eco, LLC	Date Received:	07/11/25 07:15	Work Order ID:	E507094
Phone:	(580) 748-1613	Date Logged In:	07/10/25 15:15	Logged In By:	Caitlin Mars
Email:	tombynum@sapec-eco.com	Due Date:	07/14/25 17:00 (1 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?	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	

Comments/Resolution

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? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

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 filtration 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

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name:	Vacuum ABO Battery #2
Work Order:	E507312
Job Number:	25038-0001
Received:	7/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/29/25

Date Reported: 7/29/25

Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Vacuum ABO Battery #2
Workorder: E507312
Date Received: 7/28/2025 7:30:51AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/28/2025 7:30:51AM, under the Project Name: Vacuum ABO Battery #2.

The analytical test results summarized in this report with the Project Name: Vacuum ABO Battery #2 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
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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	07/29/25 15:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
01-2'	E507312-01A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
02-2'	E507312-02A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
03-2'	E507312-03A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
06-2'	E507312-04A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
07-2'	E507312-05A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
08-2'	E507312-06A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
09-2'	E507312-07A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
010-2'	E507312-08A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
011-2'	E507312-09A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
012-2'	E507312-10A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
014-2'	E507312-11A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
015-2'	E507312-12A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
016-2'	E507312-13A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
017-2'	E507312-14A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
019-2'	E507312-15A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
021-2'	E507312-16A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
022-2'	E507312-17A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.
W1-1.5'	E507312-18A	Soil	07/24/25	07/28/25	Glass Jar, 2 oz.

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

01-2'

E507312-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

02-2'

E507312-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

03-2'

E507312-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.7 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

06-2'

E507312-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

07-2'

E507312-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

08-2'

E507312-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/28/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

09-2'

E507312-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.4 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*89.3 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

010-2'

E507312-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.3 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*91.2 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

011-2'

E507312-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*90.4 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

012-2'

E507312-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.1 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*90.1 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

014-2'

E507312-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.2 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*93.1 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

015-2'

E507312-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.6 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*89.2 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

016-2'

E507312-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.4 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*88.9 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

017-2'

E507312-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.9 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*96.3 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

019-2'

E507312-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.9 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*93.9 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

021-2'

E507312-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*89.7 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

022-2'

E507312-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.0 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*91.0 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

Sample Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

W1-1.5'

E507312-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Benzene	ND	0.0250	1	07/28/25	07/29/25	
Ethylbenzene	ND	0.0250	1	07/28/25	07/29/25	
Toluene	ND	0.0250	1	07/28/25	07/29/25	
o-Xylene	ND	0.0250	1	07/28/25	07/29/25	
p,m-Xylene	ND	0.0500	1	07/28/25	07/29/25	
Total Xylenes	ND	0.0250	1	07/28/25	07/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.1 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2531012
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/25	07/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.2 %*	*70-130*	*07/28/25*	*07/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2531040
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		*90.1 %*	*61-141*	*07/28/25*	*07/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531005
Chloride	ND	20.0	1	07/28/25	07/29/25	

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

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 (2531012-BLK1)									Prepared: 07/28/25 Analyzed: 07/28/25
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 (2531012-BS1)									Prepared: 07/28/25 Analyzed: 07/28/25
Benzene	5.63	0.0250	5.00		113	70-130			
Ethylbenzene	5.44	0.0250	5.00		109	70-130			
Toluene	5.56	0.0250	5.00		111	70-130			
o-Xylene	5.33	0.0250	5.00		107	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.99*		*8.00*		*99.9*	*70-130*			
Matrix Spike (2531012-MS1)				**Source: E507312-03**					Prepared: 07/28/25 Analyzed: 07/29/25
Benzene	5.25	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.07	0.0250	5.00	ND	101	70-130			
Toluene	5.19	0.0250	5.00	ND	104	70-130			
o-Xylene	4.96	0.0250	5.00	ND	99.3	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.93*		*8.00*		*99.2*	*70-130*			
Matrix Spike Dup (2531012-MSD1)				**Source: E507312-03**					Prepared: 07/28/25 Analyzed: 07/29/25
Benzene	5.28	0.0250	5.00	ND	106	70-130	0.444	27	
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130	0.520	26	
Toluene	5.21	0.0250	5.00	ND	104	70-130	0.460	20	
o-Xylene	4.99	0.0250	5.00	ND	99.9	70-130	0.627	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	0.420	23	
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130	0.488	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

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 (2531012-BLK1)									Prepared: 07/28/25 Analyzed: 07/28/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.50*		*8.00*		*93.7*	*70-130*			
LCS (2531012-BS2)									Prepared: 07/28/25 Analyzed: 07/28/25
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.66*		*8.00*		*95.7*	*70-130*			
Matrix Spike (2531012-MS2)				**Source: E507312-03**					Prepared: 07/28/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.62*		*8.00*		*95.2*	*70-130*			
Matrix Spike Dup (2531012-MSD2)				**Source: E507312-03**					Prepared: 07/28/25 Analyzed: 07/29/25
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0	ND	105	70-130	2.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.64*		*8.00*		*95.5*	*70-130*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531040-BLK1)									Prepared: 07/28/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.0*		*50.0*		*99.9*	*61-141*			
LCS (2531040-BS1)									Prepared: 07/28/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	286	25.0	250		115	66-144			
Surrogate: n-Nonane	*51.1*		*50.0*		*102*	*61-141*			
Matrix Spike (2531040-MS1)				**Source: E507312-01**					Prepared: 07/28/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	296	25.0	250	ND	118	56-156			
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*61-141*			
Matrix Spike Dup (2531040-MSD1)				**Source: E507312-01**					Prepared: 07/28/25 Analyzed: 07/29/25
Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	56-156	1.82	20	
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*61-141*			

QC Summary Data

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	**Reported:**
5846 E 21st Place	Project Number:	25038-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	7/29/2025 3:09:00PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2531005-BLK1)									Prepared: 07/28/25 Analyzed: 07/28/25
Chloride	ND	20.0							
LCS (2531005-BS1)									Prepared: 07/28/25 Analyzed: 07/28/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2531005-MS1)				**Source: E507312-06**					Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2531005-MSD1)				**Source: E507312-06**					Prepared: 07/28/25 Analyzed: 07/29/25
Chloride	253	20.0	250	ND	101	80-120	0.345	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

Sapec-Eco, LLC	Project Name:	Vacuum ABO Battery #2	
5846 E 21st Place	Project Number:	25038-0001	**Reported:**
Tulsa OK, 74114	Project Manager:	Tom Bynum	07/29/25 15:09

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.

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Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E507312	1D 2D 3D Std	NM CO UT TX
Project Name: Vacuum ABO Battery #2	Bill Category: 106102	Job Number 25038.0001	X	X
Project Manager: Tom Bynum	Property Code: AFE000000005658			
Address: 5846 E 21st Place	ATTN: Bryce Wagoner			
City, State, Zip: Tulsa, OK 74114	Email: bwagoner@dgoc.com			
Phone: 580-748-1613	Miscellaneous: Sapec Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
9:00am	7/24/2025	S	1	01-2'		1									X			4.2	
9:10am	7/24/2025	S	1	02-2'		2									X			4.2	
9:20am	7/24/2025	S	1	03-2'		3									X			4.4	
9:30am	7/24/2025	S	1	06-2'		4									X			4.2	
9:45am	7/24/2025	S	1	07-2'		5									X			4.5	
10:00am	7/24/2025	S	1	08-2'		6									X			4.1	
10:15am	7/24/2025	S	1	09-2'		7									X			4.2	
10:30am	7/24/2025	S	1	010-2'		8									X			4.6	
10:45am	7/24/2025	S	1	011-2'		9									X			4.1	
11:00am	7/24/2025	S	1	012-2'		10									X			4.5	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: (NPAC0628649384)

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: Barrne Cagle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Barrne Cagle	7-25-25	1:00 pm	Michelle Gonzales	7-25-25	1300
Michelle Gonzales	7.25.25	1700	[illegible] H.	7.25.25	1700
[illegible] H.	7.25.25	2330	Caitlin Mar	7.28.25	730
					730 CM

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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 14 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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Sapec-Eco, LLC	Company: Maverick Permian(Diversified)	Lab WO# E501312	1D 2D 3D Std	NM CO UT TX
Project Name: Vacuum ABO Battery #2	Bill Category: 106102	Job Number 23038-0001	X	X
Project Manager: Tom Bynum	Property Code: AFE000000005658			
Address: 5846 E 21st Place	ATTN: Bryce Wagoner			
City, State, Zip: Tulsa, OK 74114	Email: bwagoner@dgoc.com			
Phone: 580-748-1613	Miscellaneous: Sapec Project 4-33			
Email: tombynum@sapec-eco.com				

Sample Information							Analysis and Method										EPA Program	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA CWA RCRA Compliance Y or N PWSID #
10:15am	7/24/2025	S	1	014-2'		11									X		4.7	
11:30am	7/24/2025	S	1	015-2'		12									X		4.5	
11:45am	7/24/2025	S	1	016-2'		13									X		4.8	
12:00pm	7/24/2025	S	1	017-2'		14									X		4.5	
12:15pm	7/24/2025	S	1	019-2'		15									X		4.2	
12:30pm	7/24/2025	S	1	021-2'		16									X		4.0	
12:45pm	7/24/2025	S	1	022-2'		17									X		4.2	
1:00pm	7/24/2025	S	1	W1-1.5'		18									X		4.3	

Additional Instructions: (NPAC0628649384)

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: Barme Cagle

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Barme Cagle	7-25-25	1:00 pm	Michelle Gonzales	7-25-25	1300
Michelle Gonzales	7-25-25	1700	Andrew M.	7.25.25	1700
Andrew M.	7.25.25	2330	Caitlin Mars	7.28.25	7:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.

Lab Use Only
Received on ice: (Y) N

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 14 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: 7/28/2025 9:14:16AM

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:	Sapec-Eco, LLC	Date Received:	07/28/25 07:30	Work Order ID:	E507312
Phone:	(580) 748-1613	Date Logged In:	07/25/25 15:22	Logged In By:	Caitlin Mars
Email:	tombynum@sapec-eco.com	Due Date:	07/29/25 17:00 (1 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?	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	

Comments/Resolution

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? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

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?	Yes

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 filtration 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

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

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

Action 496959

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 496959
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nPAC0628649384**
Incident Name	**NPAC0628649384 VACUUM ABO BATTERY #2 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fPAC0628649265] VACUUM ABO BATTERY #2**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	VACUUM ABO BATTERY #2
Date Release Discovered	10/04/2006
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
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Pipeline (Any) | Produced Water | Released: 33 BBL | Recovered: 30 BBL | Lost: 3 BBL.
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.*

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: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 496959
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Chuck Terhune Title: Program Manager Email: chuck.terhune@tetratech.com Date: 07/17/2024

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

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 496959
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1030
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	8020
GRO+DRO (EPA SW-846 Method 8015M)	4120
BTEX (EPA SW-846 Method 8021B or 8260B)	31.8
Benzene (EPA SW-846 Method 8021B or 8260B)	5.3
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	06/23/2025
On what date will (or did) the final sampling or liner inspection occur	07/24/2025
On what date will (or was) the remediation complete(d)	08/05/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	4753
What is the estimated volume (in cubic yards) that will be remediated	293
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)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 496959
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Chuck Terhune Title: Program Manager Email: chuck.terhune@tetratech.com Date: 08/19/2025
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)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 496959
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	No

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 496959
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**487677**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**07/24/2025**
What was the (estimated) number of samples that were to be gathered	**18**
What was the sampling surface area in square feet	**4753**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4753
What was the total volume (cubic yards) remediated	293
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	None

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

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

I hereby agree and sign off to the above statement	Name: Chuck Terhune Title: Program Manager Email: chuck.terhune@tetratech.com Date: 08/19/2025

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QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 496959
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Operator:	OGRID:
Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	331199
	Action Number: 496959
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	8/28/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	8/28/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	8/28/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	8/28/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	8/28/2025
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	8/28/2025