

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

Re: **REMEDIATION CLOSURE REPORT**

NMOCD Incident Number: **nJXK1613337088**

East Vacuum (GSA) Unit #001 API No. 30-025-26577

Unit G, Section 29, Township 17S, Range 35E 1330 FNL 1410 FEL Lea County, NM

GPS Coordinates: Latitude 32.8096695 Longitude -103.475914 NAD83

Sapec-Eco (Sapec) has been contracted by Maverick Permian, LLC. (Maverick) to remediate this historic incident then prepare this remediation closure report for a produced water release that occurred at the East Vacuum (GSA) Unit #001 (Site). This incident was assigned Incident ID nJXK1613337088 by the New Mexico Oil Conservation Division (NMOCD).

Release Information – nJXK1613337088

The initial Form C-141 was submitted on May 11, 2016 (Appendix A) and stated that "On May 11, 2016 at 0730 MDT at EVGSAU Sat 1, a leak was found on a discharge trunk line that resulted in a release of 5.39 bbls of produced water with 0 bbls recovered. Immediate action was to shut down the facility and notify supervisor." This initial Form C-141 was approved by the NMOCD on May 12, 2016.

Site Characterization

This Site is in Lea County, NM, approximately eleven (11) miles southwest of Lovington, NM. The wellhead and release area are in Unit G, Section 29, Township 17S, Range 35E. The release area begins at 32.809368 degrees latitude and -103.476050 degrees longitude, then extends south along the lease road and into the pasture on the west. A Location Map is included for reference in Figure 7.

The New Mexico Bureau of Geology and Mineral Resources shows the geology at this Site includes Ogallala Formation. Alluvial and eolian deposits, and petrocyclic 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 6 for a Topographic Map.

The Site resides in a low karst zone and is approximately 25.85 miles away from the nearest medium karst zone. Figure 5 refers to the Karst Map.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 55 feet below grade surface (bgs). This information is recorded by L-01919-POD2 which is situated approximately 0.25 miles northwest of the Site. The information, however, is older than 25 years. The United States Geological Survey (USGS) offers the site USGS 324813103275901 17S.35E.28.131443 which shows depth to the nearest groundwater is 71 feet bgs. The latest gauge of this site was conducted in 1986, and it is located approximately 0.42 miles east.

The nearest surface water feature is an Unnamed Pond, and it is located approximately 1.76 miles to the west. The U.S. Fish and Wildlife Service National Wetlands Inventory shows the nearest wetland to be a Freshwater Pond approximately 0.28 miles north. 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 Surveys and Water-Related Maps.

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 areas are present at the Site. The Site is not identified to be within biologically sensitive areas where remediation/reclamation would impact sensitive wildlife or plant habitats. A Special Status Plant/Wildlife Map is included in Figure 4.

Assessment and Delineation Activities

On May 11, 2016, ConocoPhillips had a trunk line that leaked spilling 5.39 bbls of produced water with zero barrels recovered. Samples taken showed the chlorides were at 320 ppm at 2' and 80 ppm at 6' at sample point 1 and 48 ppm at surface and at below 16 at 6' at sample point 2.

ConocoPhillips completed a Corrective Action Plan that was submitted to the NMOCD on November 6, 2017. The plan was approved by the NMOCD on December 7, 2017, with three stipulations. This plan, along with the stipulations of approval, can be found in the Incident Files link on the OCD Permitting page for this incident. It is also included for reference as Appendix E.

On July 9, 2025, field personnel mobilized to the site to conduct assessment activities at the historic release area by collecting soil samples. The area of concern measured approximately 1,511 square feet and is on the lease road and in the pasture. Twenty-five discrete soil samples were collected from five different sample points within the release area from depths of surface, 1', 2', 3', and 4' bgs. Thirty discrete soil samples were collected from six different sample points around the edges of the release area from depths of surface, 1', 2', 3', and 4' bgs. All samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories where they were analyzed for all the constituents listed in Table 1 19.15.29.12 NMAC.

On July 21, 2025, the laboratory report was received and revealed chloride contamination levels at sample points 3 and 5 were over the regulatory limits as per the less than 50-foot depth to groundwater section of Table 1. Full vertical and horizontal delineation was completed during this sampling event. The laboratory results for all samples can be found in the Data Tables included in Figure 2. The corresponding Sample Map for this sampling event can be found in Figure 1.

Remediation Activities

On September 9, 2025, field personnel mobilized equipment to the site to begin remediating the areas surrounding sample points 3 and 5. A 200 square foot area was marked off around the sample point 3 area and excavated to a depth of 6" bgs. A 300 square foot area was marked off around the sample point 5 area and excavated to a depth of 3.5' bgs. The total of all contaminated soil that was removed equals approximately 43 cubic yards.

On September 15, 2025, after Maverick submitted a 48-hour notification of sampling (Appendix A), field personnel returned to the site to collect confirmation samples from the excavated area. 5-point composite samples were collected from the bases and walls of the excavations. The 6" excavation yielded one base composite sample and one wall composite sample. The 3.5' excavation yielded two base composite samples and two wall composite samples. All samples were put on ice, prepared for delivery, then delivered to Cardinal Laboratories where they were analyzed for all the constituents listed in Table 1 19.15.29.12 NMAC.

On September 19, 2025, the laboratory report was received and revealed contamination levels at all sample points were under the regulatory limits as per the less than 50-foot depth to groundwater section of Table 1. The laboratory results for this sampling event can be found in the Data Tables included in Figure 2. The corresponding Confirmation Sample Map for this sampling event can be found in Figure 3. After receipt of this verification, the 6" excavated area was backfilled with clean, like material then packed and finished for normal road traffic. The 3.5' excavated area was backfilled with clean, like topsoil material, contoured, and seeded with the approved NMSLO seed mixture for Loamy (L) soil. Complete Laboratory Reports can be referenced in Appendix F.

Request for Remediation Closure Approval

Final sampling from all remediated areas verified that contaminants are under the regulatory limits of the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC, therefore, Maverick requests that this remediation closure report for incident ID njXK1613337088 be approved. All rules and regulations set forth by 19.15.29.12 NMAC have been complied with. Maverick also complied with 19.15.29.13 NMAC by using topsoil and seeding the area with the NMSLO-approved seed mixture for Loamy (L) soil.

For questions or additional information, please reach out to:

Maverick Permian – Bryce Wagoner – bwagoner@dgoc.com – (928) 241-1862
Sapec-Eco, LLC – Tom Bynum – tombynum@sapec-eco.com – (580) 748-1613

Attachments

Figures:

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

Appendices:

- Appendix A – Initial Form C-141 & 48-Hour Sampling Notifications
- Appendix B – Water Surveys & Water-Related Maps
- Appendix C – Soil Surveys, Soil Map, & Geologic Unit Map
- Appendix D – Photographic Documentation
- Appendix E – NMOCD-Approved Corrective Action Plan (2017)
- Appendix F – Laboratory Reports

Figures:

Sample Map

Data Tables

Confirmation Sample Map

Special Status Plant/Wildlife Map

Karst Map

Topographic Map

Location Map

East Vacuum (GSA) Unit #001

Maverick Permian
API #30-025-26577
Lea County, NM
nJXK1613337088
Sample Map

Legend

- Proposed horizontal samples
- ◎ Proposed vertical samples
- Release area - 1511 sqft



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Maverick Permian - East Vacuum (GSA) Unit #001 - nJXK1613337088								
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
1-Surface	0'	ND	ND	ND	ND	ND	ND	ND
1-1'	1'	ND	ND	ND	ND	ND	ND	ND
1-2'	2'	ND	ND	ND	ND	ND	ND	ND
1-3'	3'	ND	ND	ND	ND	ND	ND	ND
1-4'	4'	ND	ND	ND	ND	ND	ND	ND
2-Surface	0'	ND	ND	ND	ND	ND	ND	33.8
2-1'	1'	ND	ND	ND	ND	ND	ND	ND
2-2'	2'	ND	ND	ND	ND	ND	ND	ND
2-3'	3'	ND	ND	ND	ND	ND	ND	ND
2-4'	4'	ND	ND	ND	ND	ND	ND	ND
3-Surface	0'	ND	ND	ND	ND	ND	ND	888
3-1'	1'	ND	ND	ND	ND	ND	ND	28.8
3-2'	2'	ND	ND	ND	ND	ND	ND	21.5
3-3'	3'	ND	ND	ND	ND	ND	ND	34.8
3-4'	4'	ND	ND	ND	ND	ND	ND	60.3
4-Surface	0'	ND	ND	ND	ND	ND	ND	ND
4-1'	1'	ND	ND	ND	ND	ND	ND	33.3
4-2'	2'	ND	ND	ND	ND	ND	ND	153
4-3'	3'	ND	ND	ND	ND	ND	ND	443
4-4'	4'	ND	ND	ND	ND	ND	ND	279
5-Surface	0'	ND	ND	ND	ND	ND	ND	ND
5-1'	1'	ND	ND	ND	ND	ND	ND	521
5-2'	2'	ND	ND	ND	ND	ND	ND	481
5-3'	3'	ND	ND	ND	ND	ND	ND	649
5-4'	4'	ND	ND	ND	ND	ND	ND	53.8
H1-Surface	0'	ND	ND	ND	ND	ND	ND	ND
H1-1'	1'	ND	ND	ND	ND	ND	ND	ND
H1-2'	2'	ND	ND	ND	ND	ND	ND	ND
H1-3'	3'	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
H2-1'	1'	ND	ND	ND	ND	ND	ND	ND
H2-2'	2'	ND	ND	ND	ND	ND	ND	ND
H2-3'	3'	ND	ND	ND	ND	ND	ND	ND
H2-4'	4'	ND	ND	ND	ND	ND	ND	ND
H3-Surface	0'	ND	ND	ND	ND	ND	ND	ND
H3-1'	1'	ND	ND	ND	ND	ND	ND	ND
H3-2'	2'	ND	ND	ND	ND	ND	ND	ND
H3-3'	3'	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
H4-1'	1'	ND	ND	ND	ND	ND	ND	ND
H4-2'	2'	ND	ND	ND	ND	ND	ND	ND
H4-3'	3'	ND	ND	ND	ND	ND	ND	ND
H4-4'	4'	ND	ND	ND	ND	ND	ND	ND
H5-Surface	0'	ND	ND	ND	ND	ND	ND	ND
H5-1'	1'	ND	ND	ND	ND	ND	ND	ND
H5-2'	2'	ND	ND	ND	ND	ND	ND	ND
H5-3'	3'	ND	ND	ND	ND	ND	ND	ND
H5-4'	4'	ND	ND	ND	ND	ND	ND	ND

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
H6-Surface	0'	ND	ND	ND	ND	ND	ND	ND
H6-1'	1'	ND	ND	ND	ND	ND	ND	ND
H6-2'	2'	ND	ND	ND	ND	ND	ND	ND
H6-3'	3'	ND	ND	ND	ND	ND	ND	ND
H6-4'	4'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Maverick Permian - East Vacuum (GSA) Unit #001 - nJXK1613337088								
NM Approved Sample Results - Samples Collected 9/15/2025								
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
1 - 6"	6"	<0.05	<0.3	<10	<10	<10	ND	144
2 - 3.5'	3.5'	<0.05	<0.3	<10	15.9	<10	15.9	192
3 - 3.5'	3.5'	<0.05	<0.3	<10	35.3	<10	35.3	224
W1 - 6"	6"	<0.05	<0.3	<10	<10	<10	ND	48
W2 - 3.5'	3.5'	<0.05	<0.3	<10	35.6	<10	35.6	384
W3 - 3.5'	3.5'	<0.05	<0.3	<10	<10	<10	ND	32

East Vacuum (GSA) Unit #001

Maverick Permian
API #30-025-26577
Lea County, NM
NJXK1613337088
Confirmation Sample Map

Legend

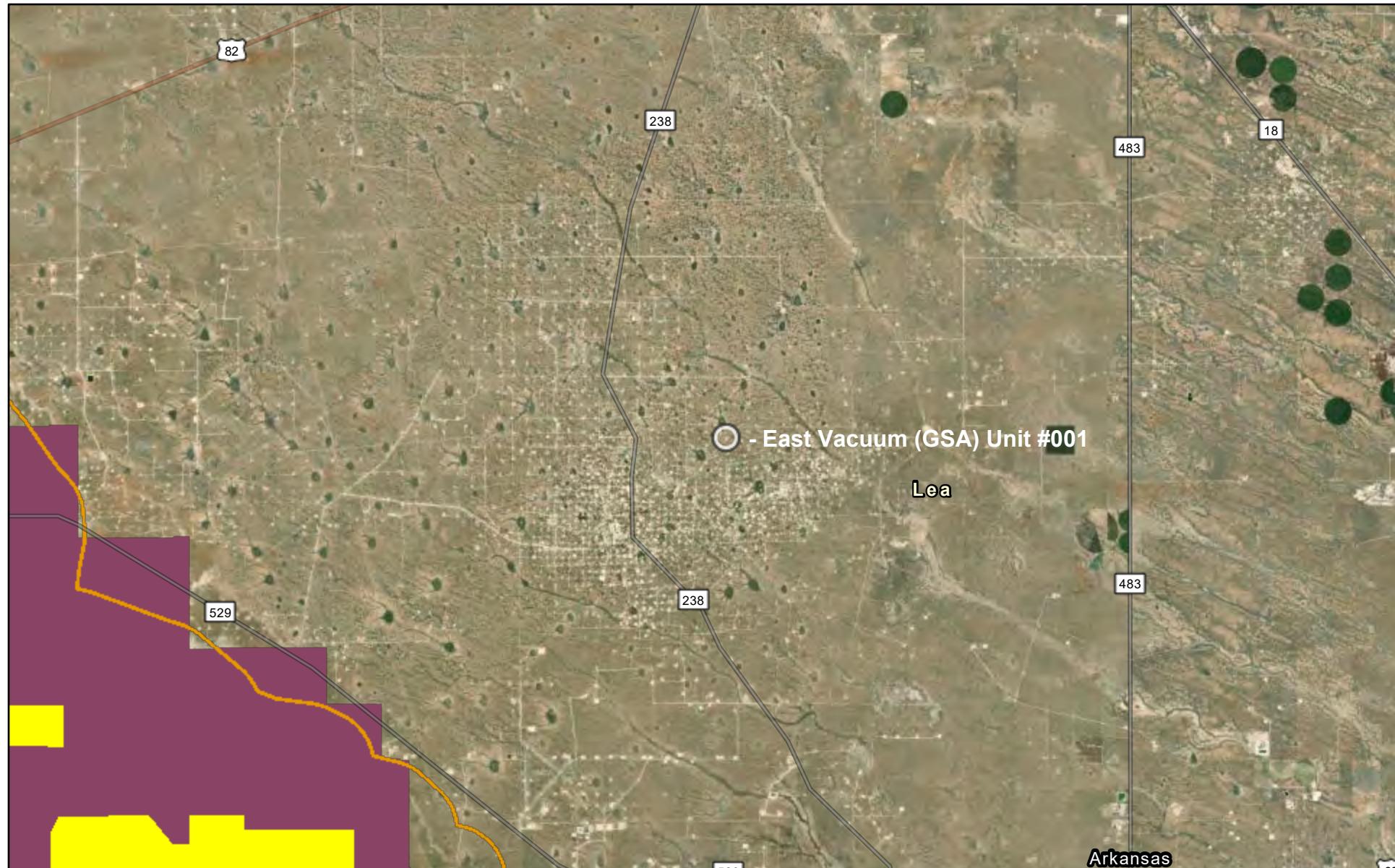
- 3.5' Excavation - 300 sqft - 39 cuyds
- 6" Excavation area - 200 sqft - 4 cuyds
- Confirmation base samples
- Confirmation wall samples



32.809142, -103.476286

Google Earth

Special Status Plant/Wildlife Map

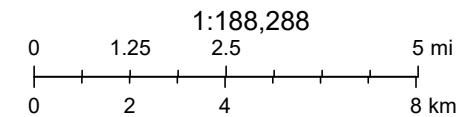


3/31/2025

- 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



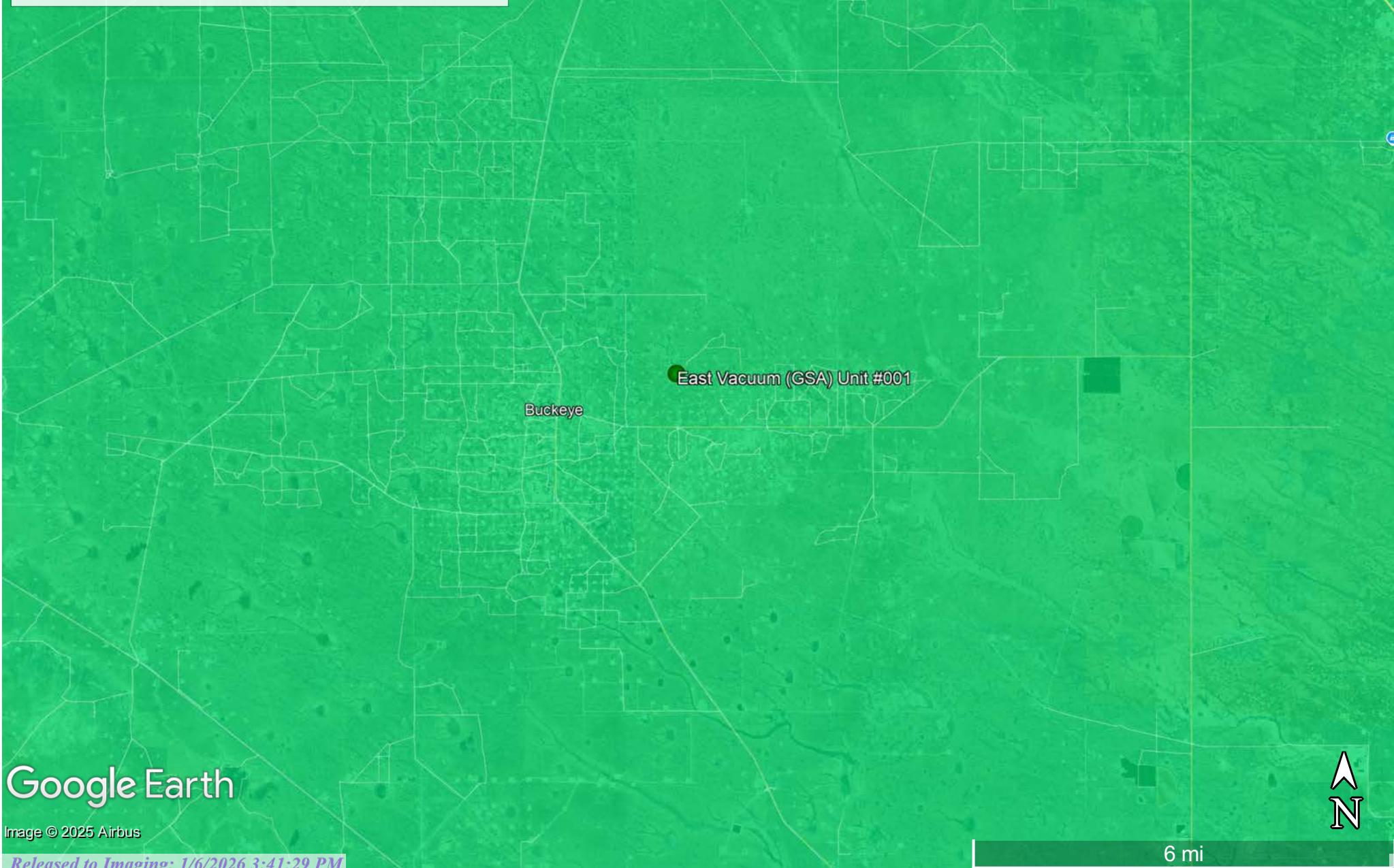
Earthstar Geographics. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community.

East Vacuum (GSA) Unit #001

Maverick Permian
API #30-025-26577
Lea County, NM
nJXK1613337088
Karst Map

Legend

- High Karst (Red)
- Low Karst (Green)
- Medium Karst (Blue)



Google Earth

Image © 2025 Airbus

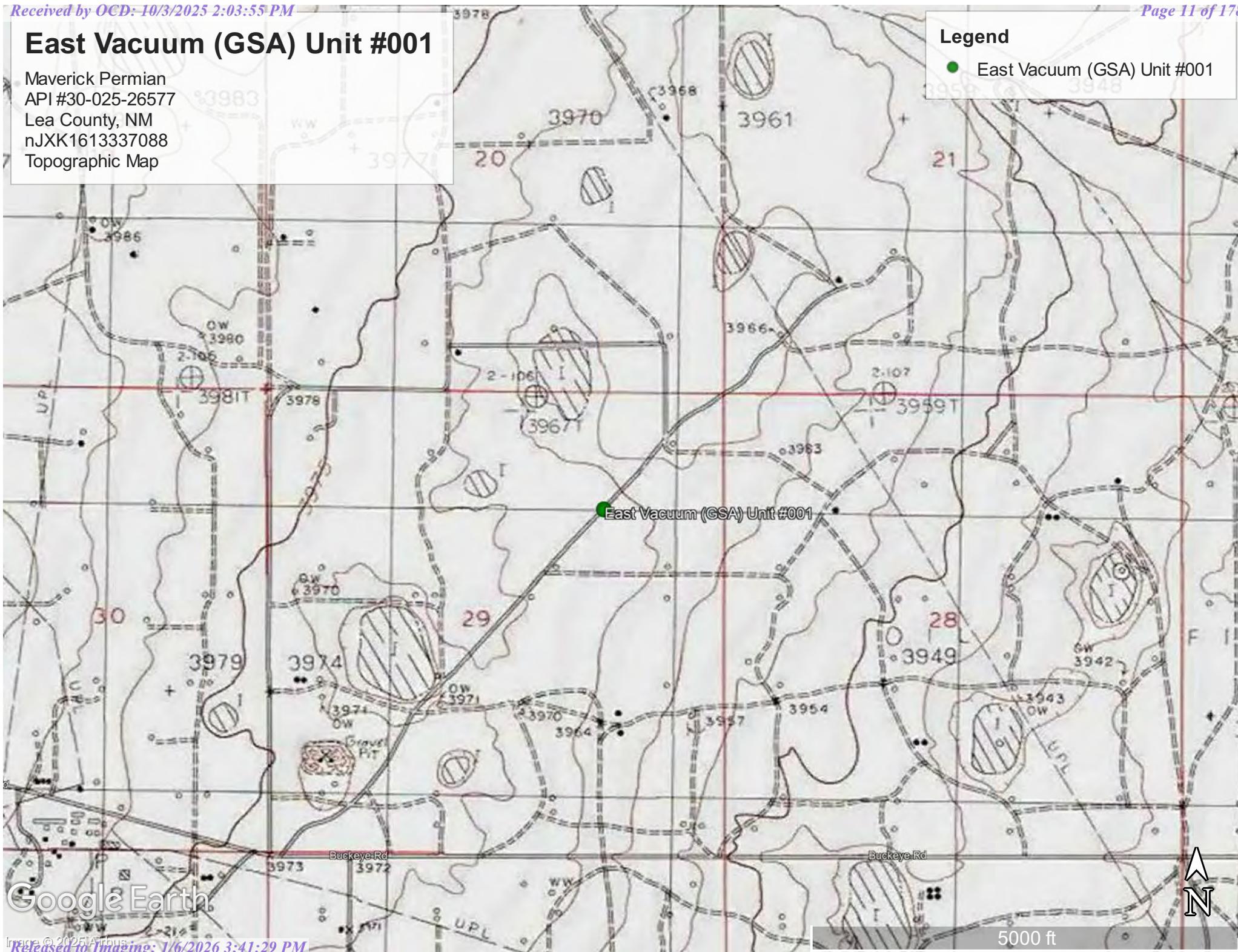
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6 mi

East Vacuum (GSA) Unit #001

Maverick Permian
API #30-025-26577
Lea County, NM
nJXK1613337088
Topographic Map

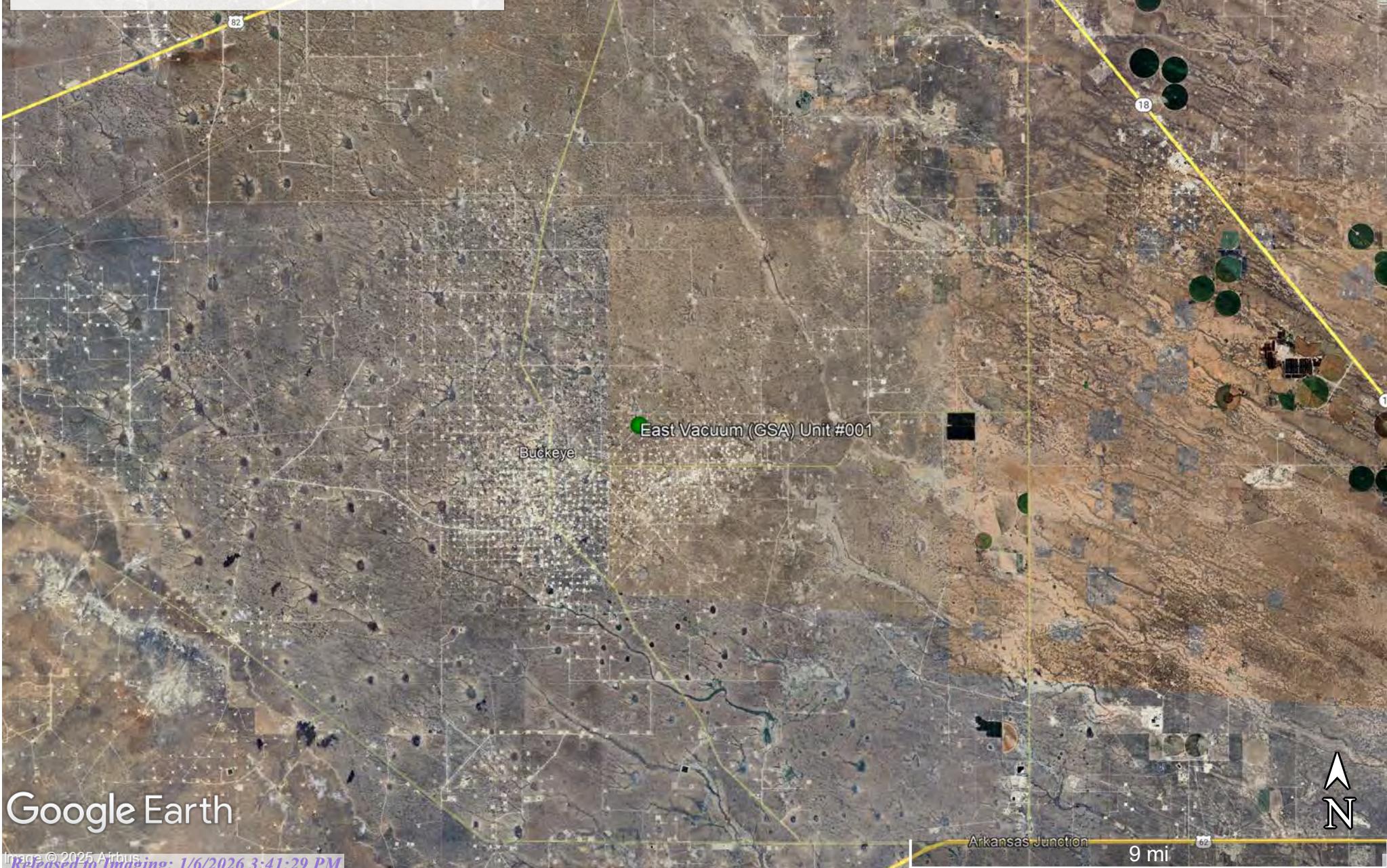


East Vacuum (GSA) Unit #001

Maverick Permian
API #30-025-26577
Lea County, NM
nJXK1613337088
Location Map

Legend

- East Vacuum (GSA) Unit #001



Google Earth

Appendix A

Initial Form C-141

48-Hour Sampling Notifications

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
By JKeyes at 10:20 am, May 12, 2016

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

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company: ConocoPhillips	Contact: Jose A Zepeda
Address: 29 Vacuum Complex Lane	Telephone No. 575-391-3165
Facility Name: EVGSAU Sat 1	Facility Type: Trunk Line

Surface Owner:	Mineral Owner: N/A	API No. 30-025-26577
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LOCATION OF RELEASE

Unit Letter G	Section 29	Township 17S	Range 35E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release: Produce Water	Volume of Release: 5.39	Volume Recovered: 0
Source of Release: Flow Line	Date and Hour of Occurrence 05/11/2016 0730	Date and Hour of Discovery SAME
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jamie Keyes	
By Whom? Jose A Zepeda		Date and Hour: 05/11/16 1400 via email
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If YES, Volume Impacting the Watercourse.

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

On May 11, 2016 at 0730 MDT at EVGSAU Sat 1, a leak was found on a discharge trunk line that resulted in a release of 5.39 bbls of produced water with 0 bbls recovered. Immediate action was to shut down the facility and notify supervisor.

Describe Area Affected and Cleanup Action Taken.*

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

Signature: <i>JOSE A ZEPEDA</i>	OIL CONSERVATION DIVISION	
Printed Name: Jose A Zepeda	Approved by Environmental Specialist: <i>Jamie Keyes</i>	
Title: LEAD HSE	Approval Date: 05/12/2016	Expiration Date: 07/12/2016
E-mail Address: Jose.A.Zepeda@conocophillips.com	Conditions of Approval: Discrete samples only. Delineate and remediate per NMOCD guidelines.	Attached <input type="checkbox"/> 1RP 4274
Date: 05/11/2016	Phone: 575-391-3165	

* Attach Additional Sheets If Necessary

nJXK1613337088
pJXK1613337180

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 481431

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 481431
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJXK1613337088
Incident Name	NJXK1613337088 EAST VACUUM (GSA) UNIT #001 @ 30-025-26577
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-26577] EAST VACUUM (GSA) UNIT #001

Location of Release Source

Site Name	EAST VACUUM (GSA) UNIT #001
Date Release Discovered	05/11/2016
Surface Owner	State

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	1,511
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/09/2025
Time sampling will commence	07:00 AM
Please provide any information necessary for observers to contact samplers	Marisa (575) 408-3446
Please provide any information necessary for navigation to sampling site	32.809421, -103.476019

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

Action 481431

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 481431
	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 505366

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 505366
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJXK1613337088
Incident Name	NJXK1613337088 EAST VACUUM (GSA) UNIT #001 @ 30-025-26577
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-26577] EAST VACUUM (GSA) UNIT #001

Location of Release Source

Site Name	EAST VACUUM (GSA) UNIT #001
Date Release Discovered	05/11/2016
Surface Owner	State

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	500
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/15/2025
Time sampling will commence	12:30 PM
Please provide any information necessary for observers to contact samplers	Terrell (361) 219-2353
Please provide any information necessary for navigation to sampling site	32.809421, -103.476019

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

Action 505366

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 505366
	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.	9/11/2025
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.	9/11/2025

Appendix B

Water Surveys

Water-Related Maps



Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)		(In feet)	
													Distance	Well Depth	Depth Water	Water Column
L_01919 POD2		L	LE	NW	NW	NE	29	17S	35E	642410.0	3631507.0 *	●	402	209	55	154
L_04829 S3		L	LE	NW	SW	NW	28	17S	35E	643222.0	3631111.0 *	●	545	215	70	145
L_04829 S4		L	LE		NE	SW	29	17S	35E	642121.0	3630598.0 *	●	837	200	90	110
L_06940		L	LE	NW	SE	SW	20	17S	35E	642001.0	3631907.0 *	●	974	135	85	50
L_04829		L	LE		NW	SE	20	17S	35E	642499.0	3632215.0 *	●	1017	192	60	132
L_04066		L	LE		SE	NE	30	17S	35E	641309.0	3630994.0 *	●	1395	116	70	46
L_04490		L	LE		SE	NE	30	17S	35E	641309.0	3630994.0 *	●	1395	110	70	40
L_03992		L	LE	SW	NE	NE	28	17S	35E	644426.0	3631327.0 *	●	1743	125	65	60
L_05744		L	LE	SW	SW	NE	30	17S	35E	640806.0	3630889.0 *	●	1908	122	75	47
L_02943		L	LE	SE	NW	NW	20	17S	35E	641780.0	3632913.0 *	●	1924	110	60	50
L_04829 S5		L	LE		SW	NW	33	17S	35E	643347.0	3629400.0 *	●	1931	220	90	130
L_07024		L	LE	NE	NE	NE	20	17S	35E	642988.0	3633124.0 *	●	1932	130	80	50

Average Depth to Water: **72 feet**

Minimum Depth: **55 feet**

Maximum Depth: **90 feet**

Record Count: 12

Basin/County Search:

County: LE

UTM Filters (in meters):

Easting: 642686.53

Northing: 3631215.05

Radius: 02000

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

OSE POD Location Map



3/31/2025, 4:30:42 PM

GIS WATERS PODs OSE District Boundary New Mexico State Trust Lands

• Active Water Right Regulations Both Estates

● Pending Artesian Planning Area

1:9,028
0 0.05 0.1 0.2 0.4 km
0 0.1 0.2 0.3 0.4 mi

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



USGS Home
Contact USGS
Search USGS

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 =

- 324813103275901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324813103275901 17S.35E.28.131443

[Available data for this site](#)

Groundwater: Field measurements



GO

Lea County, New Mexico

Hydrologic Unit Code 12080003

Latitude 32°48'28", Longitude 103°28'09" NAD27

Land-surface elevation 3,961.00 feet above NGVD29

The depth of the well is 215 feet below land surface.

This well is completed in the High Plains aquifer (N100GHPLN) national aquifer.

This well is completed in the Ogallala Formation (1210GOLL) local aquifer.

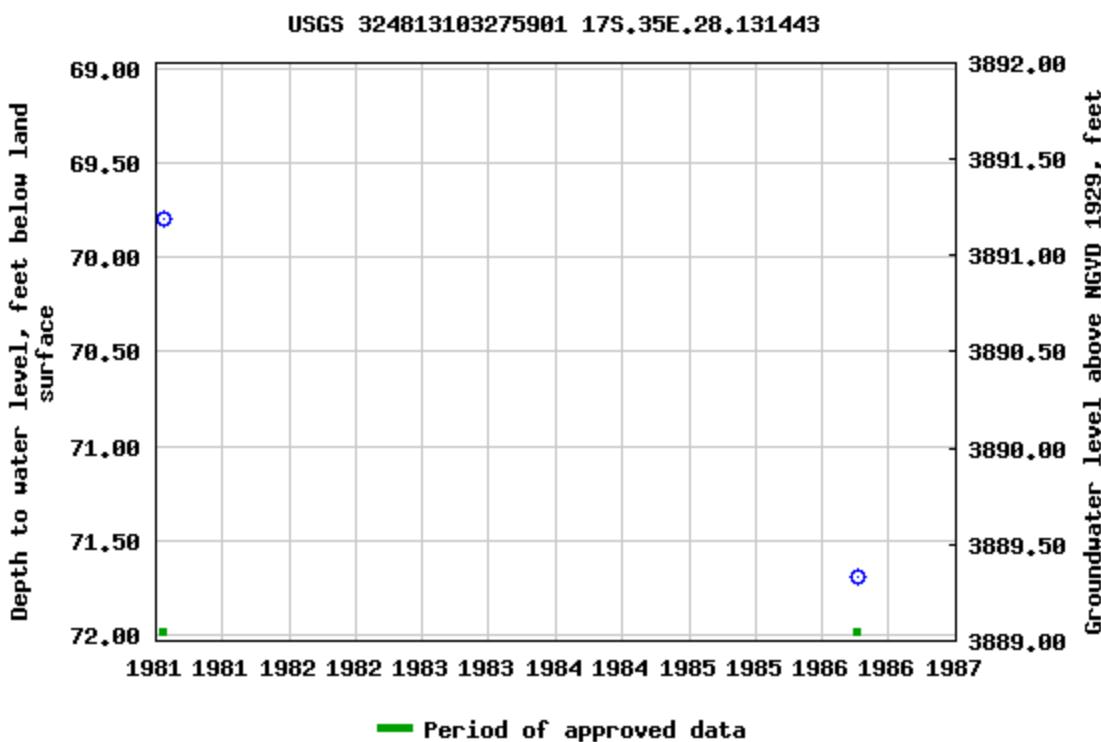
Output formats

[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](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)



Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

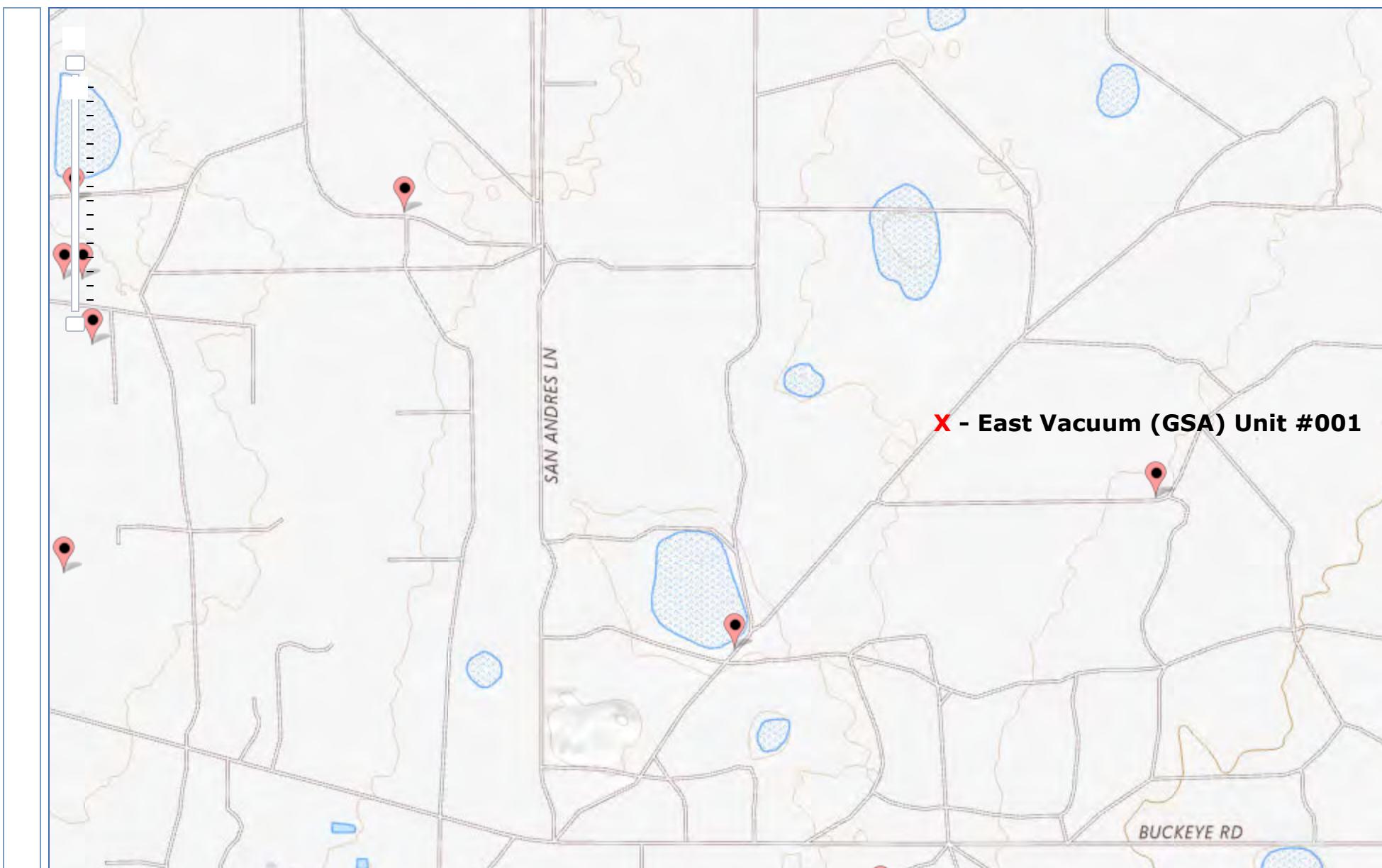
Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2025-03-31 17:37:18 EDT

0.69 0.48 nadww02



National Water Information System: Mapper

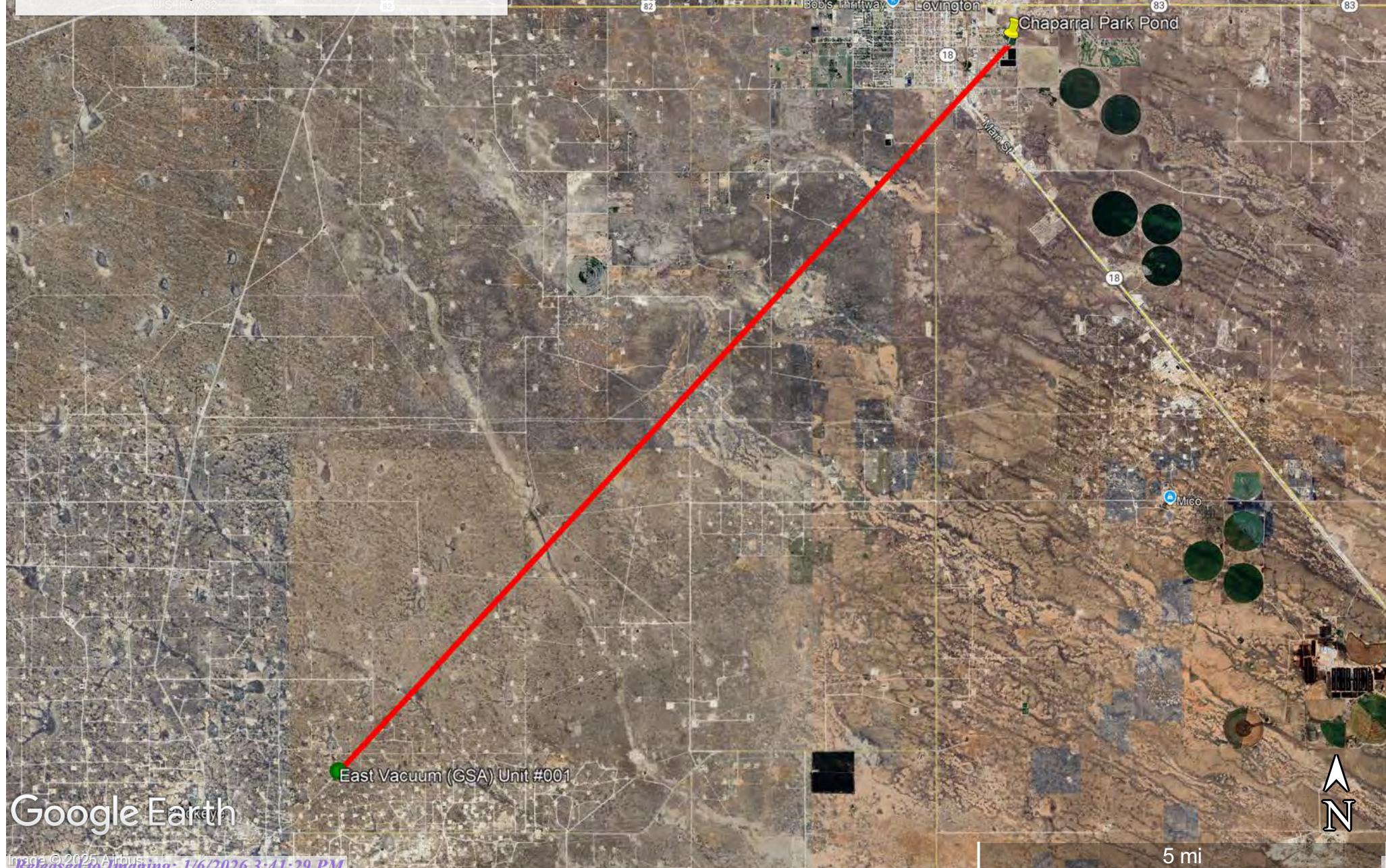


East Vacuum (GSA) Unit #001

Maverick Permian
API #30-025-26577
Lea County, NM
nJXK1613337088
Surface Water Map

Legend

- 12 Miles
- Chaparral Park Pond





Wetlands Map



March 31, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

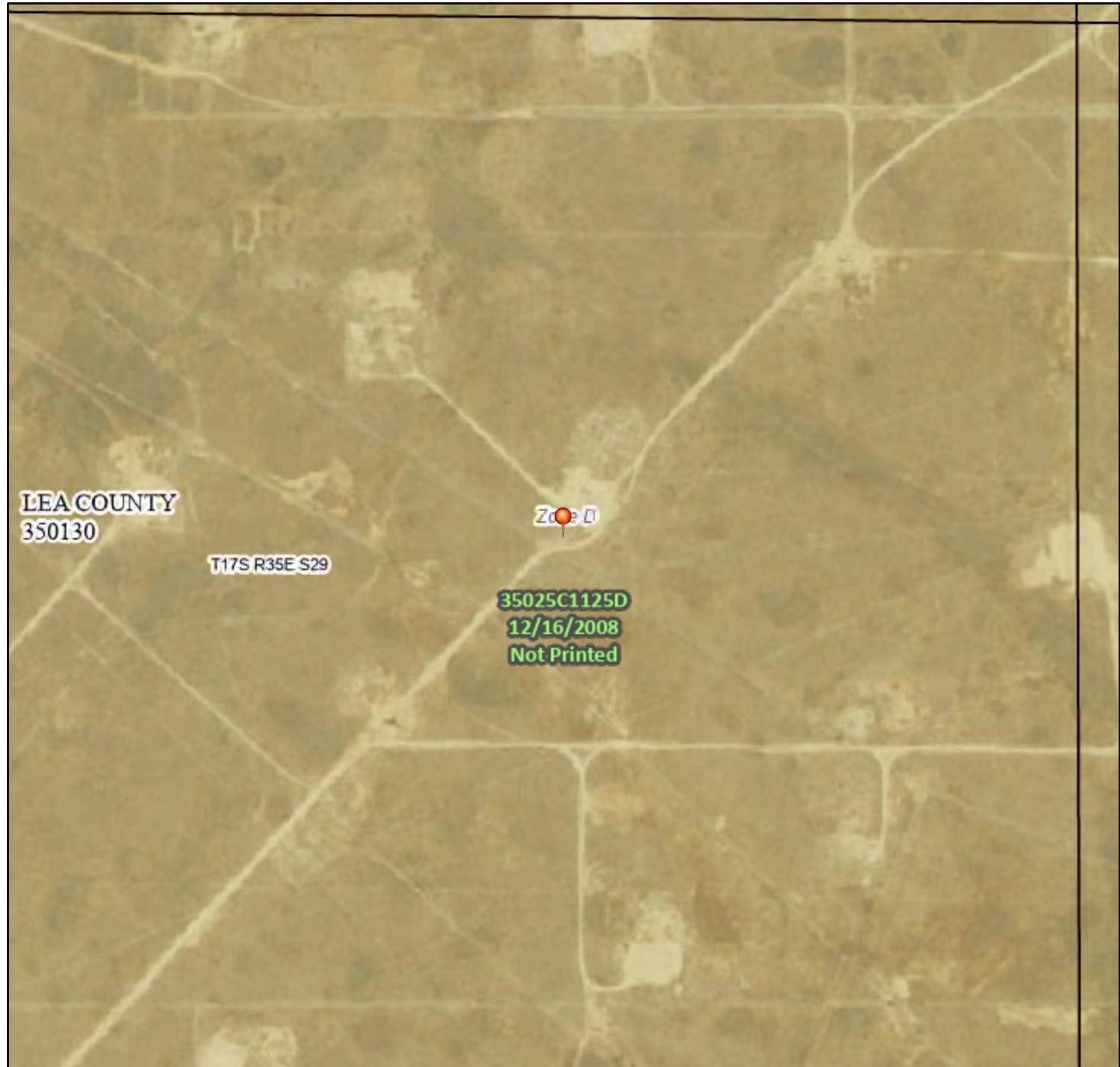
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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 Flood Hazard Layer FIRMette



103°28'53"W 32°48'48"N



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

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

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

20.2 Cross Sections with 1% Annual Chance
17.5 Water Surface Elevation

8 Coastal Transect

Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline

Hydrographic Feature

Digital Data Available

No Digital Data Available

Unmapped



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 3/31/2025 at 9:39 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 Surveys

Soil Map

Geologic Unit Map

Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

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



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

3/31/2025
Page 1 of 3

Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

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



Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

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



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

3/31/2025
Page 3 of 3



Soil Map—Lea County, New Mexico

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

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: websoilsurvey.nrcs.usda.gov
 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.

Soil Map—Lea County, New Mexico

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	1.6	100.0%
Totals for Area of Interest		1.6	100.0%



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

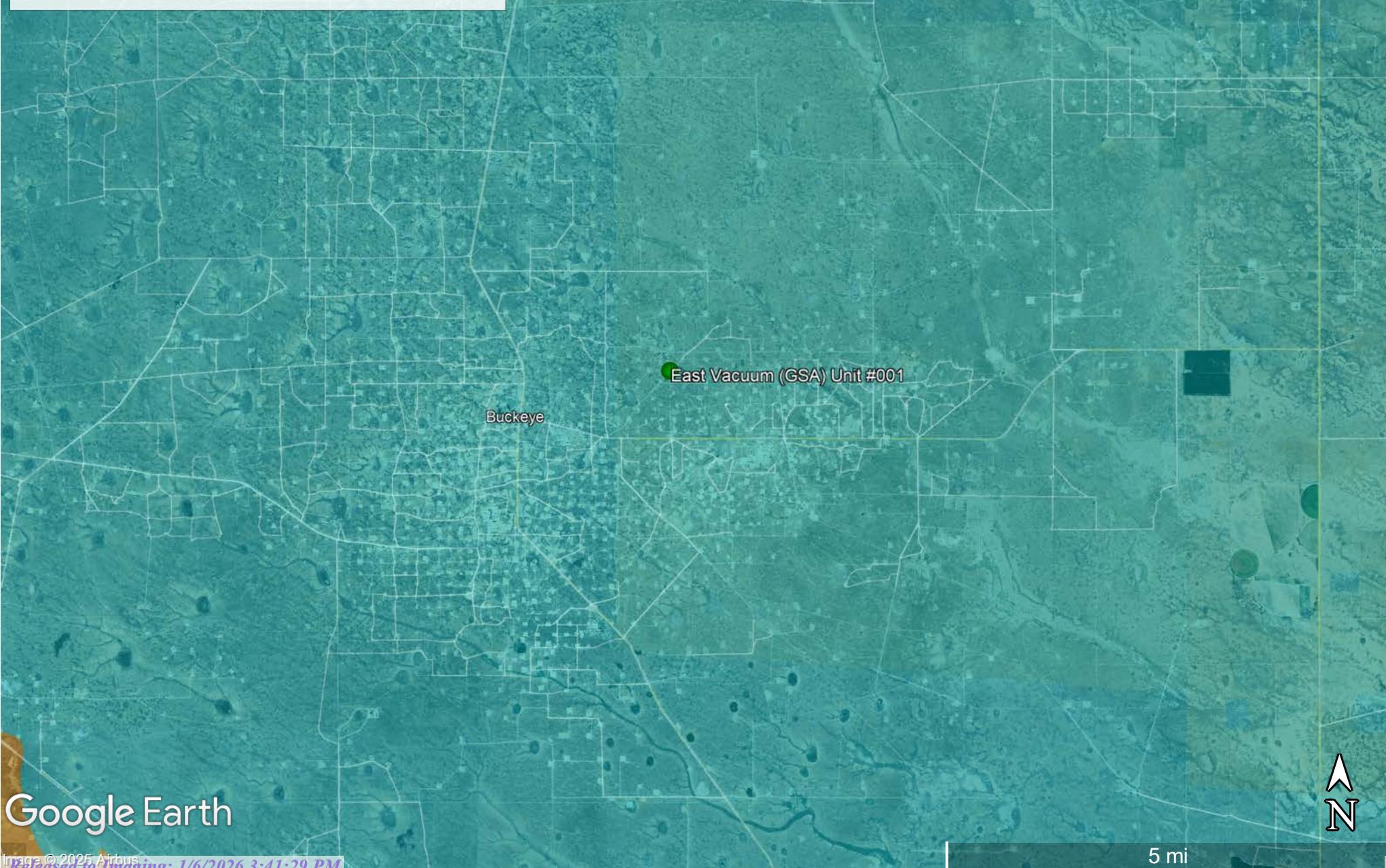
3/31/2025
Page 3 of 3

East Vacuum (GSA) Unit #001

Maverick Permian
API #30-025-26577
Lea County, NM
nJXK1613337088
Geologic Unit Map

Legend

- Ogallala Formation
- Piedmont alluvial deposits



Google Earth

Appendix D

Photographic Documentation











Appendix E

NMOCD-Approved Corrective Action Plan (2017)

CAP for the EVGSAU Satellite 1; RP-4274

UL-G, Sec-29, T-17S, R-35E, Lea County New Mexico, DGW-70'

On May 11th, 2016 ConocoPhillips had a trunk line that leaked spilling 5.39 bbls of produced water with zero barrels recovered. Samples taken showed the chlorides were at 320 ppm at 2' and 80 ppm at 6' at sample point 1 and 48 ppm at surface and at below 16 at 6' at sample point 2. ConocoPhillips would like to dig out 2' of the spill area and replace with clean backfill material. The sidewalls of the dig out area will be sampled to show that all contamination has been removed and on the south side of the trunk line we will take a sample of the floor to verify a clean bottom has been found before backfilling. All contaminated soils will be hauled to an approved NMOCD site and backfill will come from a local ranchers pit. After dig out is complete we will reseed the area with a seed mixture approved by the SLO. If you have any concerns or questions please contact me by phone or email. Thank You Justin Wright.

APPROVED

By Olivia Yu at 2:43 pm, Dec 07, 2017

NMOCD approves of the delineation completed and proposed remediation for 1RP-4274.



**CONOCOPHILLIPS
EVGSAU
SATELLITE 1**

1RP-4274

UL G SECTION 29
T-17-S R-35-E
LEA COUNTY, NM

Underground facilities are
spatially projected
and need to be field verified.

0 10 20
HHH Feet

GPS Date: 5/17/16 KN
Drawing date: 5/17/16
Drafted by: T. Grieco





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

April 27, 2017

JUSTIN WRIGHT

Conoco Phillips - Hobbs
P. O. BOX 325
Hobbs, NM 88240

RE: EVGSAU SATELLITE 1

Enclosed are the results of analyses for samples received by the laboratory on 04/21/17 9:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received: 04/21/2017 Sampling Date: 04/20/2017
 Reported: 04/27/2017 Sampling Type: Soil
 Project Name: EVGSAU SATELLITE 1 Sampling Condition: Cool & Intact
 Project Number: TRUNK LINE Sample Received By: Jodi Henson
 Project Location: NONE GIVEN

Sample ID: #1 - SURFACE (H701067-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.96	97.8	2.00	2.29		
Toluene*	<0.050	0.050	04/25/2017	ND	1.80	90.1	2.00	1.74		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.80	90.0	2.00	1.25		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.12	85.3	6.00	1.34		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6930	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	04/22/2017	ND	200	100	200	4.05		
DRO >C10-C28	1090	50.0	04/22/2017	ND	215	107	200	4.17		

Surrogate: 1-Chlorooctane 90.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 109 % 34.7-157

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #1 - 1' (H701067-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.96	97.8	2.00	2.29		
Toluene*	<0.050	0.050	04/25/2017	ND	1.80	90.1	2.00	1.74		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.80	90.0	2.00	1.25		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.12	85.3	6.00	1.34		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/22/2017	ND	200	100	200	4.05		
DRO >C10-C28	88.6	10.0	04/22/2017	ND	215	107	200	4.17		

Surrogate: 1-Chlorooctane 85.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 85.0 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #1 - 2' (H701067-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2017	ND	1.96	97.8	2.00	2.29	
Toluene*	<0.050	0.050	04/25/2017	ND	1.80	90.1	2.00	1.74	
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.80	90.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.12	85.3	6.00	1.34	
Total BTEX	<0.300	0.300	04/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/25/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/22/2017	ND	200	100	200	4.05	
DRO >C10-C28	<10.0	10.0	04/22/2017	ND	215	107	200	4.17	

Surrogate: 1-Chlorooctane 96.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 88.6 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #1 - 6' (H701067-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.96	97.8	2.00	2.29		
Toluene*	<0.050	0.050	04/25/2017	ND	1.80	90.1	2.00	1.74		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.80	90.0	2.00	1.25		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.12	85.3	6.00	1.34		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/22/2017	ND	200	100	200	4.05		
DRO >C10-C28	<10.0	10.0	04/22/2017	ND	215	107	200	4.17		

Surrogate: 1-Chlorooctane 77.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 74.3 % 34.7-157

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #1 - 12' (H701067-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.96	97.8	2.00	2.29		
Toluene*	<0.050	0.050	04/25/2017	ND	1.80	90.1	2.00	1.74		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.80	90.0	2.00	1.25		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.12	85.3	6.00	1.34		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/24/2017	ND	184	91.9	200	1.36		
DRO >C10-C28	<10.0	10.0	04/24/2017	ND	194	97.1	200	1.76		

Surrogate: 1-Chlorooctane 85.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 83.3 % 34.7-157

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Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #2 - SURFACE (H701067-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.96	97.8	2.00	2.29		
Toluene*	<0.050	0.050	04/25/2017	ND	1.80	90.1	2.00	1.74		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.80	90.0	2.00	1.25		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.12	85.3	6.00	1.34		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/24/2017	ND	184	91.9	200	1.36		
DRO >C10-C28	87.1	10.0	04/24/2017	ND	194	97.1	200	1.76		

Surrogate: 1-Chlorooctane 89.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 90.4 % 34.7-157

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Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #2 - 1' (H701067-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.96	97.8	2.00	2.29		
Toluene*	<0.050	0.050	04/25/2017	ND	1.80	90.1	2.00	1.74		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.80	90.0	2.00	1.25		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.12	85.3	6.00	1.34		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/24/2017	ND	184	91.9	200	1.36		
DRO >C10-C28	11.7	10.0	04/24/2017	ND	194	97.1	200	1.76		

Surrogate: 1-Chlorooctane 79.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 77.5 % 34.7-157

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

Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #2 - 2' (H701067-08)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.98	99.0	2.00	0.347		
Toluene*	<0.050	0.050	04/25/2017	ND	1.84	91.8	2.00	0.698		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.81	90.5	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.17	86.2	6.00	0.551		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/24/2017	ND	184	91.9	200	1.36		
DRO >C10-C28	16.0	10.0	04/24/2017	ND	194	97.1	200	1.76		

Surrogate: 1-Chlorooctane 83.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 79.4 % 34.7-157

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Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #2 - 6' (H701067-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.98	99.0	2.00	0.347		
Toluene*	<0.050	0.050	04/25/2017	ND	1.84	91.8	2.00	0.698		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.81	90.5	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.17	86.2	6.00	0.551		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/24/2017	ND	184	91.9	200	1.36		
DRO >C10-C28	<10.0	10.0	04/24/2017	ND	194	97.1	200	1.76		

Surrogate: 1-Chlorooctane 80.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 73.9 % 34.7-157

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Analytical Results For:

Conoco Phillips - Hobbs
 JUSTIN WRIGHT
 P. O. BOX 325
 Hobbs NM, 88240
 Fax To: (575) 297-1477

Received:	04/21/2017	Sampling Date:	04/20/2017
Reported:	04/27/2017	Sampling Type:	Soil
Project Name:	EVGSAU SATELLITE 1	Sampling Condition:	Cool & Intact
Project Number:	TRUNK LINE	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: #2 - 12' (H701067-10)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2017	ND	1.98	99.0	2.00	0.347		
Toluene*	<0.050	0.050	04/25/2017	ND	1.84	91.8	2.00	0.698		
Ethylbenzene*	<0.050	0.050	04/25/2017	ND	1.81	90.5	2.00	1.00		
Total Xylenes*	<0.150	0.150	04/25/2017	ND	5.17	86.2	6.00	0.551		
Total BTEX	<0.300	0.300	04/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/25/2017	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	04/24/2017	ND	184	91.9	200	1.36		
DRO >C10-C28	<10.0	10.0	04/24/2017	ND	194	97.1	200	1.76		

Surrogate: 1-Chlorooctane 83.4 % 28.3-164

Surrogate: 1-Chlorooctadecane 77.0 % 34.7-157

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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Relinquished By: 				Date: <u>4-21-07</u>	Received By: <u>Jodi Henson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
				Time: <u>9:55</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Relinquished By: 				Date: <u></u>	Received By: <u></u>	REMARKS:
				Time: <u></u>		
Delivered By: (Circle One)				Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other: <u>#75 4.80</u>				Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>JH</u>	
* Cardinal cannot accept packages containing controlled substances.						

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326.



2016-05-17





2016-05-17



2016-05-17



2016-05-17





2016-05-17



2016-05-17

From: [Yu, Olivia, EMNRD](#)
To: [Wright, Justin K](#); agroves@slo.state.nm.us
Subject: RE: CAP for the EVGSAU satellite 1--RP 4274
Date: Thursday, December 7, 2017 2:56:00 PM
Attachments: approved_1RP4274_wp.pdf

Mr. Wright:

NMOCD approves of the delineation completed and proposed remediation for 1RP-4274 with several stipulations.

1. All confirmation sample locations must be tested for BTEX, TPH extended, and chlorides. Bottom and sidewall sample locations should be no greater than 50 ft. apart.
2. In the remediation report, on an appropriately scaled map, demarcate the confirmation sample locations with GPS coordinates.
3. Please be advised that the data for sample location 2 do not appear to necessitate 2 ft. removal. If the Responsible Operator decides to modify the proposed depth of excavation, please outline on the map the areas with different depths of excavation. At least 1 set of bottom and sidewall samples must be established for each of the areas and one sidewall sample must be at the border between the two areas.

Please confirm or inform for clarification. Like approval from NMSLO is required.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Wright, Justin K [mailto:Justin.Wright@conocophillips.com]
Sent: Monday, November 6, 2017 2:06 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; agroves@slo.state.nm.us
Subject: CAP for the EVGSAU satellite 1--RP 4274

Please let me know if you need any more information before we can receive approval for this work plan. Thank you Justin Wright.

Appendix F

Laboratory Reports

Report to:

Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name: East Vacuum (GSA) Unit #001

Work Order: E507118

Job Number: 25038-0001

Received: 7/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/21/25

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: 7/21/25



Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: East Vacuum (GSA) Unit #001

Workorder: E507118

Date Received: 7/14/2025 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/14/2025 7:30:00AM, under the Project Name: East Vacuum (GSA) Unit #001.

The analytical test results summarized in this report with the Project Name: East Vacuum (GSA) Unit #001 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 regarding 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,

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Sample Summary

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 07/21/25 14:18
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1-Surface	E507118-01A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
1-1'	E507118-02A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
1-2'	E507118-03A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
1-3'	E507118-04A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
1-4'	E507118-05A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
2-Surface	E507118-06A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
2-1'	E507118-07A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
2-2'	E507118-08A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
2-3'	E507118-09A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
2-4'	E507118-10A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
3-Surface	E507118-11A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
3-1'	E507118-12A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
3-2'	E507118-13A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
3-3'	E507118-14A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
3-4'	E507118-15A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
4-Surface	E507118-16A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
4-1'	E507118-17A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
4-2'	E507118-18A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
4-3'	E507118-19A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
4-4'	E507118-20A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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1-Surface

E507118-01

Analyte	Result	Reporting				
		Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2529043	
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2529043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2529056	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		110 %	61-141	07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2529054	
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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1-1'

E507118-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		108 %	61-141	07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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1-2'

E507118-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>100 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/18/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>95.6 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/18/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
<i>Surrogate: n-Nonane</i>	<i>109 %</i>	<i>61-141</i>		<i>07/15/25</i>	<i>07/15/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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1-3'

E507118-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		108 %	61-141	07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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1-4'

E507118-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID	98.5 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.0 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane	114 %	61-141		07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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2-Surface

E507118-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		114 %	61-141	07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	33.8	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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2-1'

E507118-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130		07/15/25	07/18/25
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130		07/15/25	07/18/25
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		113 %	61-141		07/15/25	07/15/25
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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2-2'

E507118-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		107 %	61-141	07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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2-3'

E507118-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID	96.3 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.5 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane	115 %	61-141		07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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2-4'

E507118-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID	96.2 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.1 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane	110 %	61-141		07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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3-Surface

E507118-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID	96.4 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.2 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane	106 %	61-141		07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	888	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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3-1'

E507118-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		111 %	61-141	07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	28.8	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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3-2'

E507118-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID	96.3 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.4 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	114 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	21.5	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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3-3'

E507118-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID	96.9 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.0 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	114 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	34.8	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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3-4'

E507118-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		113 %	61-141	07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	60.3	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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4-Surface

E507118-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		113 %	61-141	07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	ND	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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4-1'

E507118-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.4 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	110 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	33.3	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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4-2'

E507118-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		111 %	61-141	07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	153	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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4-3'

E507118-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130		07/15/25	07/18/25
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130		07/15/25	07/18/25
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		111 %	61-141		07/15/25	07/16/25
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	443	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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4-4'

E507118-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
Surrogate: 4-Bromochlorobenzene-PID	97.3 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2529043
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.0 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529056
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	106 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2529054
Chloride	279	20.0	1	07/15/25	07/16/25	

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2529043-BLK1)

Prepared: 07/15/25 Analyzed: 07/18/25

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

8.01 8.00 100 70-130

LCS (2529043-BS1)

Prepared: 07/15/25 Analyzed: 07/18/25

Benzene	4.56	0.0250	5.00	91.2	70-130				
Ethylbenzene	4.63	0.0250	5.00	92.6	70-130				
Toluene	4.66	0.0250	5.00	93.1	70-130				
o-Xylene	4.55	0.0250	5.00	90.9	70-130				
p,m-Xylene	9.31	0.0500	10.0	93.1	70-130				
Total Xylenes	13.9	0.0250	15.0	92.4	70-130				

Surrogate: 4-Bromochlorobenzene-PID

7.94 8.00 99.3 70-130

Matrix Spike (2529043-MS1)

Source: E507118-05

Prepared: 07/15/25 Analyzed: 07/18/25

Benzene	5.40	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.48	0.0250	5.00	ND	110	70-130			
Toluene	5.51	0.0250	5.00	ND	110	70-130			
o-Xylene	5.39	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130			

Surrogate: 4-Bromochlorobenzene-PID

7.77 8.00 97.1 70-130

Matrix Spike Dup (2529043-MSD1)

Source: E507118-05

Prepared: 07/15/25 Analyzed: 07/18/25

Benzene	4.97	0.0250	5.00	ND	99.4	70-130	8.34	27	
Ethylbenzene	5.06	0.0250	5.00	ND	101	70-130	7.81	26	
Toluene	5.08	0.0250	5.00	ND	102	70-130	8.14	20	
o-Xylene	4.98	0.0250	5.00	ND	99.6	70-130	7.85	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	7.66	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	7.72	26	

Surrogate: 4-Bromochlorobenzene-PID

7.84 8.00 98.0 70-130

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting	Spike	Source	Rec	RPD	Notes
		Limit	Level	Result	Limits	RPD	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	

Blank (2529043-BLK1)

Prepared: 07/15/25 Analyzed: 07/18/25

Gasoline Range Organics (C6-C10)	ND	20.0				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00	94.1	70-130	

LCS (2529043-BS2)

Prepared: 07/15/25 Analyzed: 07/18/25

Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	80.7	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00	94.8	70-130	

Matrix Spike (2529043-MS2)

Source: E507118-05

Prepared: 07/15/25 Analyzed: 07/18/25

Gasoline Range Organics (C6-C10)	41.1	20.0	50.0	ND	82.3	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130	

Matrix Spike Dup (2529043-MSD2)

Source: E507118-05

Prepared: 07/15/25 Analyzed: 07/18/25

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.8	70-130	6.47	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130		

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/21/2025 2:18:12PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Limits %	RPD %	RPD Limit	Notes
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Blank (2529056-BLK1)

Prepared: 07/15/25 Analyzed: 07/16/25

Diesel Range Organics (C10-C28)	ND	25.0						
Oil Range Organics (C28-C36)	ND	50.0						
Surrogate: n-Nonane	55.8		50.0		112	61-141		

LCS (2529056-BS1)

Prepared: 07/15/25 Analyzed: 07/15/25

Diesel Range Organics (C10-C28)	300	25.0	250		120	66-144		
Surrogate: n-Nonane	54.5		50.0		109	61-141		

Matrix Spike (2529056-MS1)

Source: E507118-06

Prepared: 07/15/25 Analyzed: 07/15/25

Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	56-156		
Surrogate: n-Nonane	55.5		50.0		111	61-141		

Matrix Spike Dup (2529056-MSD1)

Source: E507118-06

Prepared: 07/15/25 Analyzed: 07/15/25

Diesel Range Organics (C10-C28)	301	25.0	250	ND	120	56-156	1.74	20
Surrogate: n-Nonane	54.7		50.0		109	61-141		

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: Project Number: Project Manager:	East Vacuum (GSA) Unit #001 25038-0001 Tom Bynum	Reported: 7/21/2025 2:18:12PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2529054-BLK1)

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride ND 20.0

LCS (2529054-BS1)

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 253 20.0 250 101 90-110

Matrix Spike (2529054-MS1)

Source: E507118-07 Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 263 20.0 250 ND 105 80-120

Matrix Spike Dup (2529054-MSD1)

Source: E507118-07 Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 263 20.0 250 ND 105 80-120 0.202 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 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 07/21/25 14:18
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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.



Chain of Custody

Client Information					Invoice Information			Lab Use Only				TAT				State			
Client: Sapec-Eco, LLC Project Name: East Vacuum (GSA) Unit #001 Project Manager: Tom Bynum Address: 5846 E 21st Place City, State, Zip: Tulsa, OK 74114 Phone: 580-748-1613 Email: tombynum@sapec-eco.com					Company: Maverick Permian(Diversified) Bill Category: 106102 Property Code: NM02526577.00 C/O: Bryce Wagoner Email: bwagoner@dgoc.com Miscellaneous: Sapec Project 4-28			Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
					E507117	25038-001	X						X						
Analysis and Method												EPA Program							
													SDWA	CWA	RCRA				
													Compliance	Y	or	N			
													PWSID #						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	Field Filter	RCRA 8 Metals	TCEQ 1005 - TX	DR/DO/DOB 8015	DR/DO/DOB 8015	Sample	Temp	Time	Remarks			
7:00	7/9/25	S	1	1-Surface			1						X		3.0				
7:05		S	1	1-1'			2						X		2.8				
7:10		S	1	1-2'			3						X		2.6				
7:15		S	1	1-3'			4						X		3.0				
7:20		S	1	1-4'			5						X		4.0				
7:25		S	1	2-Surface			6						X		4.0				
7:30		S	1	2-1'			7						X		3.5				
7:35		S	1	2-2'			8						X		3.4				
7:40		S	1	2-3'			9						X		2.9				
7:45		S	1	2-4'			10						X		3.1				
Additional Instructions: NMOCD Incident ID NJXK1613337088																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by:																			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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.													
<i>Michelle Gonzales</i>	7/10/25	9:00	<i>Michelle Gonzales</i>	7-11-25	0900														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	7-11-25	1910	<i>J. M.</i>	7.11.25	1910														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>J. M.</i>	7.12.25	0200	<i>Brittany Hall</i>	7.14.25	730														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
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.																			



Chain of Custody

Client Information				Invoice Information				Lab Use Only		TAT				State					
Client: Sapec-Eco, LLC Project Name: East Vacuum (GSA) Unit #001 Project Manager: Tom Bynum Address: 5846 E 21st Place City, State, Zip: Tulsa, OK 74114 Phone: 580-748-1613 Email: tombynum@saptec-eco.com				Company: Maverick Permian(Diversified) Bill Category: 106102 Property Code: NM02526577.00 C/O: Bryce Wagoner Email: bwagoner@dgoc.com Miscellaneous: Saptec Project 4-28				Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
								ES07118	25038-0001				X	X					
Analysis and Method												EPA Program							
												SDWA	CWA	RCRA					
												Compliance	Y	or	N				
												PWSID #							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field	RCRA 8 Matrix	BB0099	BB0098	BB0097	BB0096	Sample Temp	Remarks			
7:50	7/9/25	S	1	3-Surface				11		X					3.2				
7:57		S	1	3-1'				12		X					3.0				
8:06		S	1	3-2'				13						X	4.0				
8:11		S	1	3-3'				14						X	3.6				
8:16		S	1	3-4'				15						X	3.4				
8:21		S	1	4-Surface				16						X	4.0				
8:26		S	1	4-1'				17						X	3.4				
8:31		S	1	4-2'				18						X	3.2				
8:36		S	1	4-3'				19						X	3.6				
8:41		S	1	4-4'				20						X	3.8				
Additional Instructions: NMOCD Incident ID NJXK1613337088																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by:																			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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.													
<i>M. Wagoner</i>	7/10/25	9:00	<i>Michelle Gonzales</i>	7-11-25	0900														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>Michelle Gonzales</i>	7-11-25	1910	<i>Cailey May</i>	7-11-25	1910														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<i>L.B.</i>	7-12-25	0200	<i>Cailey May</i>	7-14-25	0200														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Lab Use Only																			
Received on ice: <input checked="" type="checkbox"/> 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

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: 07/14/25 07:30	Work Order ID: E507118
Phone: (580) 748-1613	Date Logged In: 07/11/25 15:51	Logged In By: Caitlin Mars
Email: tombynum@sapec-eco.com	Due Date: 07/21/25 17:00 (5 day TAT)	

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
 2. Does the number of samples per sampling site location match the COC Yes
 3. Were samples dropped off by client or carrier? Yes Carrier: Courier
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 5. Were all samples received within holding time? Yes
 Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

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? Yes
 Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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 InstructionComments/Resolution

Project East Vacuum (GSA) Unit #001 has been separated into 3 reports. WOs are E507118 to E507120. Sampled by not provided on COC.

Report to:

Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name: East Vacuum (GSA) Unit #001

Work Order: E507119

Job Number: 25038-0001

Received: 7/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/22/25

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: 7/22/25



Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: East Vacuum (GSA) Unit #001

Workorder: E507119

Date Received: 7/14/2025 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/14/2025 7:30:00AM, under the Project Name: East Vacuum (GSA) Unit #001.

The analytical test results summarized in this report with the Project Name: East Vacuum (GSA) Unit #001 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 07/22/25 06:55
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
5-Surface	E507119-01A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
5-1'	E507119-02A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
5-2'	E507119-03A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
5-3'	E507119-04A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
5-4'	E507119-05A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H1-Surface	E507119-06A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H1-1'	E507119-07A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H1-2'	E507119-08A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H1-3'	E507119-09A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H1-4'	E507119-10A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H2-Surface	E507119-11A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H2-1'	E507119-12A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H2-2'	E507119-13A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H2-3'	E507119-14A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H2-4'	E507119-15A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H3-Surface	E507119-16A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H3-1'	E507119-17A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H3-2'	E507119-18A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H3-3'	E507119-19A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H3-4'	E507119-20A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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5-Surface

E507119-01

Analyte	Result	Reporting				
		Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2529044	
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2529044	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2529057	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		96.8 %	61-141	07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2529059	
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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5-1'

E507119-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	96.9 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.3 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane	98.3 %	61-141		07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	521	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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5-2'

E507119-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID		98.5 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		97.0 %	61-141	07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	481	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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5-3'

E507119-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130		07/15/25	07/17/25
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130		07/15/25	07/17/25
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane		96.6 %	61-141		07/15/25	07/15/25
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	649	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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5-4'

E507119-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	99.4 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.4 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/15/25	
Surrogate: n-Nonane	100 %	61-141		07/15/25	07/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	53.8	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H1-Surface

E507119-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>102 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>93.1 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>	<i>102 %</i>	<i>61-141</i>		<i>07/15/25</i>	<i>07/16/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H1-1'

E507119-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130		07/15/25	07/17/25
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130		07/15/25	07/17/25
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		101 %	61-141		07/15/25	07/16/25
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H1-2'

E507119-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.1 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	99.3 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H1-3'

E507119-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	99.4 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.3 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	100 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H1-4'

E507119-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID		99.5 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		98.9 %	61-141	07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H2-Surface

E507119-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.7 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	95.1 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>	98.2 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H2-1'

E507119-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	99.6 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.2 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	96.8 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H2-2'

E507119-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	97.9 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	99.9 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	97.6 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H2-3'

E507119-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	99.3 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.5 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	97.2 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H2-4'

E507119-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	97.3 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	99.0 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H3-Surface

E507119-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	98.9 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.8 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	98.1 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H3-1'

E507119-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		103 %	61-141	07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H3-2'

E507119-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	96.8 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.1 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	102 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H3-3'

E507119-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID	97.9 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.7 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	99.4 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/16/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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H3-4'

E507119-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2529044
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2529057
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		98.7 %	61-141	07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529059
Chloride	ND	20.0	1	07/15/25	07/16/25	

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit	Notes
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Blank (2529044-BLK1)

Prepared: 07/15/25 Analyzed: 07/21/25

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

7.82 8.00 97.8 70-130

LCS (2529044-BS1)

Prepared: 07/15/25 Analyzed: 07/17/25

Benzene	5.54	0.0250	5.00	111	70-130				
Ethylbenzene	5.65	0.0250	5.00	113	70-130				
Toluene	5.62	0.0250	5.00	112	70-130				
o-Xylene	5.63	0.0250	5.00	113	70-130				
p,m-Xylene	11.5	0.0500	10.0	115	70-130				
Total Xylenes	17.1	0.0250	15.0	114	70-130				

Surrogate: 4-Bromochlorobenzene-PID

7.89 8.00 98.7 70-130

Matrix Spike (2529044-MS1)

Source: E507119-05

Prepared: 07/15/25 Analyzed: 07/17/25

Benzene	5.17	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130			
Toluene	5.26	0.0250	5.00	ND	105	70-130			
o-Xylene	5.29	0.0250	5.00	ND	106	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130			

Surrogate: 4-Bromochlorobenzene-PID

8.09 8.00 101 70-130

Matrix Spike Dup (2529044-MSD1)

Source: E507119-05

Prepared: 07/15/25 Analyzed: 07/17/25

Benzene	5.03	0.0250	5.00	ND	101	70-130	2.66	27	
Ethylbenzene	5.16	0.0250	5.00	ND	103	70-130	2.44	26	
Toluene	5.12	0.0250	5.00	ND	102	70-130	2.75	20	
o-Xylene	5.16	0.0250	5.00	ND	103	70-130	2.51	25	
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	2.49	23	
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	2.50	26	

Surrogate: 4-Bromochlorobenzene-PID

7.84 8.00 98.0 70-130

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD	RPD Limit	Notes
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Blank (2529044-BLK1)

Prepared: 07/15/25 Analyzed: 07/21/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.44		8.00		105	70-130			

LCS (2529044-BS2)

Prepared: 07/15/25 Analyzed: 07/17/25

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	97.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00	96.6	70-130				

Matrix Spike (2529044-MS2)

Source: E507119-05

Prepared: 07/15/25 Analyzed: 07/17/25

Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2529044-MSD2)

Source: E507119-05

Prepared: 07/15/25 Analyzed: 07/17/25

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130	1.83	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		94.9	70-130			

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 6:55:34AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Limits %	RPD %	RPD Limit	Notes
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Blank (2529057-BLK1)

Prepared: 07/15/25 Analyzed: 07/15/25

Diesel Range Organics (C10-C28)	ND	25.0						
Oil Range Organics (C28-C36)	ND	50.0						
Surrogate: n-Nonane	48.0		50.0		96.1	61-141		

LCS (2529057-BS1)

Prepared: 07/15/25 Analyzed: 07/15/25

Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144		
Surrogate: n-Nonane	47.4		50.0		94.8	61-141		

Matrix Spike (2529057-MS1)

Source: E507119-05

Prepared: 07/15/25 Analyzed: 07/15/25

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156		
Surrogate: n-Nonane	48.3		50.0		96.5	61-141		

Matrix Spike Dup (2529057-MSD1)

Source: E507119-05

Prepared: 07/15/25 Analyzed: 07/15/25

Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156	1.20	20
Surrogate: n-Nonane	47.8		50.0		95.6	61-141		

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: Project Number: Project Manager:	East Vacuum (GSA) Unit #001 25038-0001 Tom Bynum	Reported: 7/22/2025 6:55:34AM
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Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2529059-BLK1)

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride ND 20.0

LCS (2529059-BS1)

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 251 20.0 250 100 90-110

Matrix Spike (2529059-MS1)

Source: E507119-09 Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 254 20.0 250 ND 101 80-120

Matrix Spike Dup (2529059-MSD1)

Source: E507119-09 Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 253 20.0 250 ND 101 80-120 0.0308 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 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 07/22/25 06:55
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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.



Chain of Custody										State				
Client Information				Invoice Information			Lab Use Only		TAT		NM	CO	UT	TX
Client: Sapec-Eco, LLC		Project Name: East Vacuum (GSA) Unit #001		Company: Maverick Permian(Diversified)			Lab WO#	Job Number	1D	2D				
Project Manager: Tom Bynum		Address: 5846 E 21st Place		Bill Category: 106102			E507119	25038.0001	X					
City, State, Zip: Tulsa, OK 74114		Phone: 580-748-1613		Property Code: NM02526577.00										
Email: tombynum@sappec-eco.com				C/O: Bryce Wagoner										
				Email: bwagoner@dgoc.com										
				Miscellaneous: Sappec Project 4-28										
Sample Information										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	Field Filter	DR/DO/DO By 8015	RCRA Waste	SDWA	CWA	RCRA	
8:46	7/9/25	S	1	5-Surface			1			X				
8:51		S	1	5-1'			2			X				
9:59		S	1	5-2'			3			X				
10:10		S	1	5-3'			4			X				
10:15		S	1	5-4'			5			X				
10:20		S	1	H1-Surface			6			X				
10:25		S	1	H1-1'			7			X				
10:30		S	1	H1-2'			8			X				
10:35		S	1	H1-3'			9			X				
10:40		S	1	H1-4'			10			X				
Additional Instructions: NMOCD Incident ID NJXK1613337088														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.														
Sampled by:														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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.								
<i>Michelle Gonzales</i>	7/11/25	0900	<i>Michelle Gonzales</i>	7-11-25	0900									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time									
<i>Michelle Gonzales</i>	7-11-25	1910	<i>Michelle Gonzales</i>	7-11-25	1910									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time									
<i>Caitlynn</i>	7-12-25	0200	<i>Caitlynn</i>	7-14-25	0730									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only								
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> 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.														



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State				
Client: Sapec-Eco, LLC Project Name: East Vacuum (GSA) Unit #001 Project Manager: Tom Bynum Address: 5846 E 21st Place City, State, Zip: Tulsa, OK 74114 Phone: 580-748-1613 Email: tombynum@sappec-eco.com				Company: Maverick Permian(Diversified) Bill Category: 106102 Property Code: NM02526577.00 C/O: Bryce Waggoner Email: bwaggoner@dgoc.com Miscellaneous: Sappec Project 4-28				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
E507119		25088-0001		X				X						X						
Analysis and Method												EPA Program								
												SDWA	CWA	RCRA						
												Compliance	Y	or	N					
												PWSID #								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field Filter	RCRA8 Materials	TECE 1005-TX	BE00C-MM	BE00C-X	Sample Type	Remarks					
10:45	7/9/05	S	1	H2-Surface				11				X		4.0						
10:50		S	1	H2-1'				12				X		4.0						
10:59		S	1	H2-2'				13				X		3.8						
11:10		S	1	H2-3'				14				X		3.2						
11:15		S	1	H2-4'				15				X		3.0						
11:20		S	1	H3-Surface				16				X		2.9						
11:25		S	1	H3-1'				17				X		3.2						
11:30		S	1	H3-2'				18				X		3.6						
11:35		S	1	H3-3'				19				X		3.4						
11:40		S	1	H3-4'				20				X		3.0						
Additional Instructions: NMOCD Incident ID NJXK1613337088																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by:																				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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.														
<i>Michelle Gonzales</i>	7/11/25	9:00	<i>Michelle Gonzales</i>	7-11-25	0900															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
<i>Michelle Gonzales</i>	7-11-25	1910	<i>Carter Mann</i>	7.11.25	1910															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
<i>C. Mann</i>	7.12.25	0200	<i>Carter Mann</i>	7-14-25	730															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
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

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: 07/14/25 07:30	Work Order ID: E507119
Phone: (580) 748-1613	Date Logged In: 07/11/25 15:56	Logged In By: Caitlin Mars
Email: tombynum@sapec-eco.com	Due Date: 07/21/25 17:00 (5 day TAT)	

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
 2. Does the number of samples per sampling site location match the COC Yes
 3. Were samples dropped off by client or carrier? Yes Carrier: Courier
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 5. Were all samples received within holding time? Yes
 Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

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? Yes
 Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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 InstructionComments/Resolution

Project East Vacuum (GSA) Unit #001 has been separated into 3 reports. WOs are E507118 to E507120. Sampled by not provided on COC.

Report to:

Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name: East Vacuum (GSA) Unit #001

Work Order: E507120

Job Number: 25038-0001

Received: 7/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/22/25

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: 7/22/25



Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: East Vacuum (GSA) Unit #001

Workorder: E507120

Date Received: 7/14/2025 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/14/2025 7:30:00AM, under the Project Name: East Vacuum (GSA) Unit #001.

The analytical test results summarized in this report with the Project Name: East Vacuum (GSA) Unit #001 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 07/22/25 13:12
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
H4-Surface	E507120-01A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H4-1'	E507120-02A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H4-2'	E507120-03A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H4-3'	E507120-04A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H4-4'	E507120-05A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H5-Surface	E507120-06A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H5-1'	E507120-07A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H5-2'	E507120-08A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H5-3'	E507120-09A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H5-4'	E507120-10A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H6-Surface	E507120-11A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H6-1'	E507120-12A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H6-2'	E507120-13A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H6-3'	E507120-14A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.
H6-4'	E507120-15A	Soil	07/09/25	07/14/25	Glass Jar, 2 oz.

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H4-Surface

E507120-01

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	112 %	70-130		07/15/25	07/17/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.9 %	70-130		07/15/25	07/17/25	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	112 %	70-130		07/15/25	07/17/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	98.9 %	70-130		07/15/25	07/17/25	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>	96.9 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H4-1'

E507120-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	109 %	70-130		07/15/25	07/17/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	100 %	70-130		07/15/25	07/17/25	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	109 %	70-130		07/15/25	07/17/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	100 %	70-130		07/15/25	07/17/25	
<i>Surrogate: Toluene-d8</i>	105 %	70-130		07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>	94.1 %	61-141		07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H4-2'

E507120-03

Analyte	Result	Reporting				
		Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	113 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	109 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	113 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	109 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2529069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	92.7 %	61-141	07/15/25	07/16/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2529058	
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H4-3'

E507120-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>113 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>102 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>113 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>102 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>	<i>92.7 %</i>	<i>61-141</i>		<i>07/15/25</i>	<i>07/16/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H4-4'

E507120-05

Analyte	Result	Reporting				
		Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	112 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	105 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	112 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	105 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2529069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	93.7 %	61-141	07/15/25	07/16/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2529058	
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H5-Surface

E507120-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>112 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>101 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>112 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>101 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>	<i>90.8 %</i>	<i>61-141</i>		<i>07/15/25</i>	<i>07/16/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H5-1'

E507120-07

Analyte	Result	Reporting				
		Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	108 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	107 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	108 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	107 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2529069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	92.6 %	61-141	07/15/25	07/16/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2529058	
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H5-2'

E507120-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>112 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.0 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>112 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>98.0 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>105 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>	<i>92.7 %</i>	<i>61-141</i>		<i>07/15/25</i>	<i>07/16/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H5-3'

E507120-09

Analyte	Result	Reporting				
		Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	110 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	107 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	110 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	107 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2529069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	95.5 %	61-141	07/15/25	07/16/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2529058	
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H5-4'

E507120-10

Analyte	Result	Reporting				
		Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	108 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	107 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2529045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
Surrogate: Bromofluorobenzene	108 %	70-130	07/15/25	07/17/25		
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130	07/15/25	07/17/25		
Surrogate: Toluene-d8	107 %	70-130	07/15/25	07/17/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2529069	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane	93.6 %	61-141	07/15/25	07/16/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2529058	
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H6-Surface

E507120-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	07/15/25	07/17/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.4 %	70-130	07/15/25	07/17/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	07/15/25	07/17/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.4 %	70-130	07/15/25	07/17/25	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	07/15/25	07/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>		92.1 %	61-141	07/15/25	07/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H6-1'

E507120-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>110 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>101 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>110 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>101 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
<i>Surrogate: n-Nonane</i>	<i>94.0 %</i>	<i>61-141</i>		<i>07/15/25</i>	<i>07/16/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H6-2'

E507120-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/17/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/17/25	
Toluene	ND	0.0250	1	07/15/25	07/17/25	
o-Xylene	ND	0.0250	1	07/15/25	07/17/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/17/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>111 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>103 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>108 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/17/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>111 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>103 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>108 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/17/25	
<i>Surrogate: n-Nonane</i>	<i>91.5 %</i>	<i>61-141</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H6-3'

E507120-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
<i>Surrogate: Bromofluorobenzene</i>	110 %	70-130		07/15/25	07/18/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	95.2 %	70-130		07/15/25	07/18/25	
<i>Surrogate: Toluene-d8</i>	106 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
<i>Surrogate: Bromofluorobenzene</i>	110 %	70-130		07/15/25	07/18/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	95.2 %	70-130		07/15/25	07/18/25	
<i>Surrogate: Toluene-d8</i>	106 %	70-130		07/15/25	07/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/17/25	
<i>Surrogate: n-Nonane</i>	93.2 %	61-141		07/15/25	07/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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H6-4'

E507120-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Benzene	ND	0.0250	1	07/15/25	07/18/25	
Ethylbenzene	ND	0.0250	1	07/15/25	07/18/25	
Toluene	ND	0.0250	1	07/15/25	07/18/25	
o-Xylene	ND	0.0250	1	07/15/25	07/18/25	
p,m-Xylene	ND	0.0500	1	07/15/25	07/18/25	
Total Xylenes	ND	0.0250	1	07/15/25	07/18/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>112 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/18/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.6 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/18/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/18/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2529045
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/15/25	07/18/25	
<i>Surrogate: Bromofluorobenzene</i>	<i>112 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/18/25</i>	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>94.6 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/18/25</i>	
<i>Surrogate: Toluene-d8</i>	<i>106 %</i>	<i>70-130</i>		<i>07/15/25</i>	<i>07/18/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2529069
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/17/25	
<i>Surrogate: n-Nonane</i>	<i>93.1 %</i>	<i>61-141</i>		<i>07/15/25</i>	<i>07/17/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM		Batch: 2529058
Chloride	ND	20.0	1	07/15/25	07/16/25	

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: Project Number: Project Manager:	East Vacuum (GSA) Unit #001 25038-0001 Tom Bynum	Reported: 7/22/2025 1:12:39PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2529045-BLK1)

Prepared: 07/15/25 Analyzed: 07/17/25

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							
<i>Surrogate: Bromofluorobenzene</i>	0.559		0.500		112	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.488		0.500		97.5	70-130			
<i>Surrogate: Toluene-d8</i>	0.532		0.500		106	70-130			

LCS (2529045-BS1)

Prepared: 07/15/25 Analyzed: 07/17/25

Benzene	2.53	0.0250	2.50		101	70-130			
Ethylbenzene	2.63	0.0250	2.50		105	70-130			
Toluene	2.49	0.0250	2.50		99.8	70-130			
o-Xylene	2.58	0.0250	2.50		103	70-130			
p,m-Xylene	5.14	0.0500	5.00		103	70-130			
Total Xylenes	7.72	0.0250	7.50		103	70-130			
<i>Surrogate: Bromofluorobenzene</i>	0.565		0.500		113	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.489		0.500		97.7	70-130			
<i>Surrogate: Toluene-d8</i>	0.527		0.500		105	70-130			

Matrix Spike (2529045-MS1)

Source: E507120-03

Prepared: 07/15/25 Analyzed: 07/17/25

Benzene	2.34	0.0250	2.50	ND	93.7	48-131			
Ethylbenzene	2.44	0.0250	2.50	ND	97.8	45-135			
Toluene	2.33	0.0250	2.50	ND	93.3	48-130			
o-Xylene	2.41	0.0250	2.50	ND	96.5	43-135			
p,m-Xylene	4.80	0.0500	5.00	ND	96.0	43-135			
Total Xylenes	7.21	0.0250	7.50	ND	96.2	43-135			
<i>Surrogate: Bromofluorobenzene</i>	0.557		0.500		111	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.512		0.500		102	70-130			
<i>Surrogate: Toluene-d8</i>	0.524		0.500		105	70-130			

Matrix Spike Dup (2529045-MSD1)

Source: E507120-03

Prepared: 07/15/25 Analyzed: 07/17/25

Benzene	2.46	0.0250	2.50	ND	98.4	48-131	4.89	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	6.20	27	
Toluene	2.48	0.0250	2.50	ND	99.1	48-130	6.03	24	
o-Xylene	2.52	0.0250	2.50	ND	101	43-135	4.48	27	
p,m-Xylene	5.04	0.0500	5.00	ND	101	43-135	4.93	27	
Total Xylenes	7.57	0.0250	7.50	ND	101	43-135	4.78	27	
<i>Surrogate: Bromofluorobenzene</i>	0.550		0.500		110	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.489		0.500		97.8	70-130			
<i>Surrogate: Toluene-d8</i>	0.527		0.500		105	70-130			

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit	Notes
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Blank (2529045-BLK1)

Prepared: 07/15/25 Analyzed: 07/17/25

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130		
Surrogate: Toluene-d8	0.532		0.500		106	70-130		

LCS (2529045-BS2)

Prepared: 07/15/25 Analyzed: 07/17/25

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	100	70-130			
Surrogate: Bromofluorobenzene	0.554		0.500	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500	99.1	70-130			
Surrogate: Toluene-d8	0.531		0.500	106	70-130			

Matrix Spike (2529045-MS2)

Source: E507120-03 Prepared: 07/15/25 Analyzed: 07/17/25

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0	ND	98.0	70-130		
Surrogate: Bromofluorobenzene	0.563		0.500	113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500	102	70-130			
Surrogate: Toluene-d8	0.534		0.500	107	70-130			

Matrix Spike Dup (2529045-MSD2)

Source: E507120-03 Prepared: 07/15/25 Analyzed: 07/17/25

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130	5.16	20
Surrogate: Bromofluorobenzene	0.565		0.500	113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500	98.1	70-130			
Surrogate: Toluene-d8	0.535		0.500	107	70-130			

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 7/22/2025 1:12:39PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Limits %	RPD %	RPD Limit	Notes
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Blank (2529069-BLK1)

Prepared: 07/15/25 Analyzed: 07/16/25

Diesel Range Organics (C10-C28)	ND	25.0
Oil Range Organics (C28-C36)	ND	50.0
Surrogate: n-Nonane	46.9	50.0

LCS (2529069-BS1)

Prepared: 07/15/25 Analyzed: 07/16/25

Diesel Range Organics (C10-C28)	245	25.0	250	97.8	66-144
Surrogate: n-Nonane	45.5		50.0	90.9	61-141

Matrix Spike (2529069-MS1)

Source: E507120-13 Prepared: 07/15/25 Analyzed: 07/16/25

Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156
Surrogate: n-Nonane	47.7		50.0		95.5	61-141

Matrix Spike Dup (2529069-MSD1)

Source: E507120-13 Prepared: 07/15/25 Analyzed: 07/16/25

Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156	0.844	20
Surrogate: n-Nonane	45.1		50.0		90.2	61-141		

QC Summary Data

Sapec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: Project Number: Project Manager:	East Vacuum (GSA) Unit #001 25038-0001 Tom Bynum	Reported: 7/22/2025 1:12:39PM
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Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2529058-BLK1)

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride ND 20.0

LCS (2529058-BS1)

Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 255 20.0 250 102 90-110

Matrix Spike (2529058-MS1)

Source: E507120-10 Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 256 20.0 250 ND 102 80-120

Matrix Spike Dup (2529058-MSD1)

Source: E507120-10 Prepared: 07/15/25 Analyzed: 07/15/25

Chloride 256 20.0 250 ND 102 80-120 0.115 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 5846 E 21st Place Tulsa OK, 74114	Project Name: East Vacuum (GSA) Unit #001 Project Number: 25038-0001 Project Manager: Tom Bynum	Reported: 07/22/25 13:12
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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.

Chain of Custody

Client Information					Invoice Information			Lab Use Only			TAT			State							
Client: Sapec-Eco, LLC Project Name: East Vacuum (GSA) Unit #001 Project Manager: Tom Bynum Address: 5846 E 21st Place City, State, Zip: Tulsa, OK 74114 Phone: 580-748-1613 Email: tombynum@sappec-eco.com					Company: Maverick Permian(Diversified) Bill Category: 106102 Property Code: NM02526577.00 C/O: Bryce Wagoner Email: bwagoner@dgoc.com Miscellaneous: Sappec Project 4-28			Lab WO# E507120		Job Number 65038-0007	1D	2D	3D	Std	NM	CO	UT	TX			
														X							
								Analysis and Method						EPA Program							
								DRO 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			
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				
11:45	7/9/25	S	1	H4-Surface				1								X		30			
11:52		S	1	H4-1'				2								X		30			
12:11		S	1	H4-2'				3								X		30			
12:20		S	1	H4-3'				4								X		2.8			
12:26		S	1	H4-4'				5								X		3.0			
12:32		S	1	H5-Surface				6								X		3.4			
12:38		S	1	H5-1'				7								X		3.6			
12:40		S	1	H5-2'				8								X		3.0			
12:46		S	1	H5-3'				9								X		3.0			
12:50		S	1	H5-4'				10								X		2.9			
Additional Instructions: NMOCD Incident ID NJKK1613337088																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by:																					
Relinquished by: (Signature)		Date 7/10/25	Time 9:00	Received by: (Signature)			Date 7-11-25		Time 0900	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.											
Relinquished by: (Signature)		Date 7-11-25	Time 1910	Received by: (Signature)			Date 7.11.25		Time 1910												
Relinquished by: (Signature)		Date 7.11.25	Time 0200	Received by: (Signature)			Date 7-14-25		Time 730												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)			Date		Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)			Date		Time												
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.																					



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State					
								Lab WO#	Job Number	1D	2D	3D	Std								
Client: Sapec-Eco, LLC Project Name: East Vacuum (GSA) Unit #001 Project Manager: Tom Bynum Address: 5846 E 21st Place City, State, Zip: Tulsa, OK 74114 Phone: 580-748-1613 Email: tombynum@sapc-eco.com				Company: Maverick Permian(Diversified) Bill Category: 106102 Property Code: NM02526577.00 C/O: Bryce Wagoner Email: bwagoner@dgoc.com Miscellaneous: Sapc Project 4-28				E507120	25028-0001	X											
Analysis and Method																EPA Program					
																	SDWA	CWA	RCRA		
																	Compliance	Y	or	N	
																	PWSID #				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number	Field	Filter	RCRA 3 Metals	RCRA 1005 - TX	RCRA 3000	RCRA 2821	RCRA 2805	RCRA 2815	Sample	Temp	Remarks		
1:00	7/9/25	S	1	H6-Surface				11									X	3.8			
1:05		S	1	H6-1'				12									X	3.5			
1:10		S	1	H6-2'				13									X	3.4			
1:15		S	1	H6-3'				14									X	3.0			
1:25		S	1	H6-4'				15									X	2.9			
Additional Instructions: NMOCD Incident ID NJXK1613337088																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by:																					
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	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.															
<i>Michelle Gonzales</i>	7/10/25	9:00	<i>Michelle Gonzales</i>	7-11-25	0900																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
<i>Michelle Gonzales</i>	7-11-25	1910	<i>Michelle Gonzales</i>	7-11-25	1910																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
<i>Michelle Gonzales</i>	7-12-25	0200	<i>Caitlin Mar</i>	7-14-25	0200																
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
						Lab Use Only															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																
						Received on ice: <input checked="" type="checkbox"/> 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

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: 07/14/25 07:30	Work Order ID: E507120
Phone: (580) 748-1613	Date Logged In: 07/11/25 15:59	Logged In By: Caitlin Mars
Email: tombynum@sapec-eco.com	Due Date: 07/21/25 17:00 (5 day TAT)	

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
 2. Does the number of samples per sampling site location match the COC Yes
 3. Were samples dropped off by client or carrier? Yes Carrier: Courier
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 5. Were all samples received within holding time? Yes
 Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

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? Yes
 Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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.



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

September 19, 2025

TOM BYNUM
SAPEC-ECO,LLC
5846 E 21ST PLACE
TULSA, OK 74114

RE: EAST VACUUM (GSA) UNIT #001 -- NJXK1613337088

Enclosed are the results of analyses for samples received by the laboratory on 09/15/25 16:27.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

SAPEC-ECO,LLC
 TOM BYNUM
 5846 E 21ST PLACE
 TULSA OK, 74114
 Fax To:

Received: 09/15/2025 Sampling Date: 09/15/2025
 Reported: 09/19/2025 Sampling Type: Soil
 Project Name: EAST VACUUM (GSA) UNIT #001 -- NJ Sampling Condition: Cool & Intact
 Project Number: SAPEC PROJECT 4-28 Sample Received By: Shalyn Rodriguez
 Project Location: DIVERSIFIED ENERGY - LEA CO NM

Sample ID: 1 - 6" (H255763-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2025	ND	2.02	101	2.00	8.47		
Toluene*	<0.050	0.050	09/16/2025	ND	2.12	106	2.00	7.40		
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	2.09	104	2.00	4.78		
Total Xylenes*	<0.150	0.150	09/16/2025	ND	6.14	102	6.00	3.96		
Total BTEX	<0.300	0.300	09/16/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/16/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	189	94.5	200	1.84		
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	199	99.5	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND						

Surrogate: 1-Chlorooctane 83.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

SAPEC-ECO,LLC
 TOM BYNUM
 5846 E 21ST PLACE
 TULSA OK, 74114
 Fax To:

Received: 09/15/2025 Sampling Date: 09/15/2025
 Reported: 09/19/2025 Sampling Type: Soil
 Project Name: EAST VACUUM (GSA) UNIT #001 -- NJ Sampling Condition: Cool & Intact
 Project Number: SAPEC PROJECT 4-28 Sample Received By: Shalyn Rodriguez
 Project Location: DIVERSIFIED ENERGY - LEA CO NM

Sample ID: 2 - 3.5' (H255763-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2025	ND	2.02	101	2.00	8.47		
Toluene*	<0.050	0.050	09/16/2025	ND	2.12	106	2.00	7.40		
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	2.09	104	2.00	4.78		
Total Xylenes*	<0.150	0.150	09/16/2025	ND	6.14	102	6.00	3.96		
Total BTEX	<0.300	0.300	09/16/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/16/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	189	94.5	200	1.84		
DRO >C10-C28*	15.9	10.0	09/16/2025	ND	199	99.5	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND						

Surrogate: 1-Chlorooctane 70.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

SAPEC-ECO,LLC
 TOM BYNUM
 5846 E 21ST PLACE
 TULSA OK, 74114
 Fax To:

Received: 09/15/2025 Sampling Date: 09/15/2025
 Reported: 09/19/2025 Sampling Type: Soil
 Project Name: EAST VACUUM (GSA) UNIT #001 -- NJ Sampling Condition: Cool & Intact
 Project Number: SAPEC PROJECT 4-28 Sample Received By: Shalyn Rodriguez
 Project Location: DIVERSIFIED ENERGY - LEA CO NM

Sample ID: 3 - 3.5' (H255763-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2025	ND	2.02	101	2.00	8.47		
Toluene*	<0.050	0.050	09/16/2025	ND	2.12	106	2.00	7.40		
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	2.09	104	2.00	4.78		
Total Xylenes*	<0.150	0.150	09/16/2025	ND	6.14	102	6.00	3.96		
Total BTEX	<0.300	0.300	09/16/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/16/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	189	94.5	200	1.84		
DRO >C10-C28*	35.3	10.0	09/16/2025	ND	199	99.5	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND						

Surrogate: 1-Chlorooctane 79.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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Analytical Results For:

SAPEC-ECO,LLC
 TOM BYNUM
 5846 E 21ST PLACE
 TULSA OK, 74114
 Fax To:

Received: 09/15/2025 Sampling Date: 09/15/2025
 Reported: 09/19/2025 Sampling Type: Soil
 Project Name: EAST VACUUM (GSA) UNIT #001 -- NJ Sampling Condition: Cool & Intact
 Project Number: SAPEC PROJECT 4-28 Sample Received By: Shalyn Rodriguez
 Project Location: DIVERSIFIED ENERGY - LEA CO NM

Sample ID: W 1 - 6" (H255763-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	2.78		
Toluene*	<0.050	0.050	09/16/2025	ND	1.94	97.2	2.00	0.231		
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.96	97.9	2.00	0.858		
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.78	96.3	6.00	1.75		
Total BTEX	<0.300	0.300	09/16/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/16/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	189	94.5	200	1.84		
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	199	99.5	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND						

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.8 % 40.6-153

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Analytical Results For:

SAPEC-ECO,LLC
 TOM BYNUM
 5846 E 21ST PLACE
 TULSA OK, 74114
 Fax To:

Received: 09/15/2025 Sampling Date: 09/15/2025
 Reported: 09/19/2025 Sampling Type: Soil
 Project Name: EAST VACUUM (GSA) UNIT #001 -- NJ Sampling Condition: Cool & Intact
 Project Number: SAPEC PROJECT 4-28 Sample Received By: Shalyn Rodriguez
 Project Location: DIVERSIFIED ENERGY - LEA CO NM

Sample ID: W 2 - 3.5' (H255763-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2025	ND	1.77	88.7	2.00	2.78		
Toluene*	<0.050	0.050	09/16/2025	ND	1.94	97.2	2.00	0.231		
Ethylbenzene*	<0.050	0.050	09/16/2025	ND	1.96	97.9	2.00	0.858		
Total Xylenes*	<0.150	0.150	09/16/2025	ND	5.78	96.3	6.00	1.75		
Total BTEX	<0.300	0.300	09/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	09/16/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	189	94.5	200	1.84		
DRO >C10-C28*	35.6	10.0	09/16/2025	ND	199	99.5	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND						

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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Analytical Results For:

SAPEC-ECO,LLC
 TOM BYNUM
 5846 E 21ST PLACE
 TULSA OK, 74114
 Fax To:

Received: 09/15/2025 Sampling Date: 09/15/2025
 Reported: 09/19/2025 Sampling Type: Soil
 Project Name: EAST VACUUM (GSA) UNIT #001 -- NJ Sampling Condition: Cool & Intact
 Project Number: SAPEC PROJECT 4-28 Sample Received By: Shalyn Rodriguez
 Project Location: DIVERSIFIED ENERGY - LEA CO NM

Sample ID: W 3 - 3.5' (H255763-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/17/2025	ND	1.77	88.7	2.00	2.78		
Toluene*	<0.050	0.050	09/17/2025	ND	1.94	97.2	2.00	0.231		
Ethylbenzene*	<0.050	0.050	09/17/2025	ND	1.96	97.9	2.00	0.858		
Total Xylenes*	<0.150	0.150	09/17/2025	ND	5.78	96.3	6.00	1.75		
Total BTEX	<0.300	0.300	09/17/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/16/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/16/2025	ND	189	94.5	200	1.84		
DRO >C10-C28*	<10.0	10.0	09/16/2025	ND	199	99.5	200	3.71		
EXT DRO >C28-C36	<10.0	10.0	09/16/2025	ND						

Surrogate: 1-Chlorooctane 84.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.2 % 40.6-153

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2478

Company Name: Sapec-Eco, LLC						BILL TO		Analysis Request								
Project Manager: Tom Bynum -- tombynum@sapec-eco.com						P.O. #: 1237503.01 (1017)										
Address: 311 N Elm St						Company: Tetra Tech, Inc.										
City: Temple		State: OK		Zip: 73568		Attn: Chuck Terhune/Chris Straub										
Phone #: (580) 748-1613 Fax #:						Address:										
Project #: Sapec Project 4-28			Project Owner: Diversified Energy			City:										
Project Name: East Vacuum (GSA) Unit #001 -- NJXX1613337088						State: Zip:										
Project Location: Lea County, NM						Phone #:										
Sampler Name:						Fax #:										
FOR LAB USE ONLY Lab I.D. HJSS7103	Sample I.D.					MATRIX		PRESERV.		SAMPLING						
						(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :
	1	1 - 6"	C	1	X					X		9/15/2025	12:45 PM	X	X	X
	2	2 - 3.5"	C	1	X					X		9/15/2025	12:58 pm	X	X	X
	3	3 - 3.5"	C	1	X					X		9/15/2025	1:03 pm	X	X	X
	4	W1 - 6"	C	1	X					X		9/15/2025	1:07 pm	X	X	X
	5	W2 - 3.5"	C	1	X					X		9/15/2025	1:13 pm	X	X	X
6	W3 - 3.5"	C	1	X					X		9/15/2025	1:17 pm	X	X	X	

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Relinquished By: <i>Tur</i>	Date: 9/15/25	Received By: <i>Shelley Kigney</i>	Phone Result: Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
Relinquished By:	Time: 1021	Received By:	Fax Result: Yes No Add'l Fax #:
	Date:		REMARKS: Bill to Tetra Tech, Inc, for Diversified Energy (Maverick)
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>1.75 C to 3: 20: #140</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact Yes Yes	CHECKED BY: (Initials) <i>SJ</i>	TAT -- Standard

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326.

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>

QUESTIONS

Action 512146

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

QUESTIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 512146
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJXK1613337088
Incident Name	NJXK1613337088 EAST VACUUM (GSA) UNIT #001 @ 30-025-26577
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-26577] EAST VACUUM (GSA) UNIT #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	EAST VACUUM (GSA) UNIT #001
Date Release Discovered	05/11/2016
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: Equipment Failure Flow Line - Production Produced Water Released: 5 BBL Recovered: 0 BBL Lost: 5 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.

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Phone: (505) 476-3441

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

QUESTIONS, Page 2

Action 512146

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 512146
	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)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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

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

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

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

I hereby agree and sign off to the above statement	Name: Chris Straub Title: Contractor Email: chris.straub@tetrach.com Date: 10/03/2025
--	--

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, Page 3

Action 512146

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 512146
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
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 ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	888
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	36
GRO+DRO (EPA SW-846 Method 8015M)	36
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>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>	
On what estimated date will the remediation commence	09/09/2025
On what date will (or did) the final sampling or liner inspection occur	09/15/2025
On what date will (or was) the remediation complete(d)	09/24/2025
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	500
What is the estimated volume (in cubic yards) that will be remediated	43
<i>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.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

Action 512146

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: 512146
	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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the off-site disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>

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

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

I hereby agree and sign off to the above statement	Name: Chris Straub Title: Contractor Email: chris.straub@tetratech.com Date: 10/03/2025
--	--

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, Page 5

Action 512146

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 512146
	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, Page 6

Action 512146

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 512146
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	505366
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/15/2025
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	500

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	500
What was the total volume (cubic yards) remediated	43
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: Chris Straub Title: Contractor Email: chris.straub@tetrach.com Date: 10/03/2025
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QUESTIONS, Page 7

Action 512146

QUESTIONS (continued)

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 512146
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	<input type="checkbox"/> No

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CONDITIONS

Action 512146

CONDITIONS

Operator: Maverick Permian LLC 1000 Main Street, Suite 2900 Houston, TX 77002	OGRID: 331199
	Action Number: 512146
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	1/6/2026