

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

Re: REMEDIATION CLOSURE REPORT
NMOCD Incident Number: **NSAP0132411072 & NGRL0936533622**
Watkins 32 State #001 API No. 30-025-31735
Unit F, Section 32, Township 18S, Range 32E 1980 FNL 1650 FWL Lea County, NM
GPS Coordinates: Latitude 32.7058411 Longitude -103.7917099 NAD83

Sapec-Eco (Sapec) has been contracted by Raybaw Operating, LLC. (Raybaw) to review and research this historic incident, assess the release area, then prepare this remediation closure report for two crude oil releases that occurred at the Watkins 32 State #001 (Site). The incidents were assigned Incident IDs nSAP0132411072 and nGRL0936533622 by the New Mexico Oil Conservation Division (NMOCD).

Release Information – nSAP0132411072

The date of discovery for this release was recorded as November 19, 2001, and specific details regarding the fluid and amount released could not be found. An initial Form C-141 was not originally submitted for this release. The OCD Permitting details of this release can be found in Appendix A.

Release Information – nGRL0936533622

The initial Form C-141 was submitted on November 30, 2009 (Appendix A) and stated "Bottom site glass on heater treater broke in half spilling 14 BO in dike, recovered 9 BO. 20' x 20', called vacuum truck to pick up fluid, will rake, till, fertilize, all the spill was contained in the dike area." This initial Form C-141 was approved by the NMOCD on December 30, 2009.

Site Characterization

The Site is in Lea County, NM approximately ten (10) miles south of Maljamar, NM. The release areas are located on the pad surface in Unit F, Section 32, Township 18S, Range 32E, at GPS coordinates 32.7058411 latitude and -103.7917099 longitude. It can be accessed by a lease road that bears entry from the east. A Location Map can be referenced in Figure 7.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. Appendix C contains a Geologic Unit Map for reference. The soil in this area, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey, is made up of Kermit soils and Dune land, having 0 to 12 percent slopes. The drainage class for this type of soil is excessively drained. There is a low potential for karst geology to be present at the Site (Figure 5) with the nearest medium karst zone being 7.65 miles away. Soil Survey and Geological Data can be found in Appendix C. A Topographic Map can be referenced in Figure 6.

This Site is in a known Lesser Prairie Chicken or Sand Dune Lizard habitat. It is in an Isolated Population Area within an LPC Timing Restriction Area zone, according to the LPC Timing Area 2021 Southern Map courtesy of the Bureau of Land Management. This site is not in a sensitive plant species area but does have a Sheer's Beehive Cactus habitat located less than 4 miles to the southwest. A Tharp's Blue Star habitat is located less than 10 miles to the northwest. A Special Status Plant/Wildlife Map can be referenced in Figure 4.

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 55 feet below grade surface (bgs). This data was recorded from CP-01938-POD1, in January of 2023, which is located approximately 81 feet northeast of the Site. According to the United States Geological Survey, well water data from USGS 324356103471601 18S.32E.20.14411 records depth to the nearest groundwater at 166 feet bgs, with the last gauge being conducted in 1992. This well is approximately 1.75 miles away. All referenced Water Surveys and Water-Related Maps can be found in Appendix B.

The nearest surface water feature is a Salt Pond located approximately 7.72 miles south of this Site. The U.S. Fish and Wildlife Service National Wetlands Inventory shows the nearest wetland to be a Freshwater Pond approximately 3.41 miles

northeast. According to FEMA's National Flood Hazard Layer search, the Site is situated in Zone D – Area of Undetermined Flood Hazard.

The remediation area at the Site is in previously disturbed areas developed for oil and gas extraction; therefore, a cultural resource survey was not required for remediation activities.

The closure criteria for releases on this pad surface will adhere to the 51'-100' depth to groundwater section of Table 1 19.15.29.12 NMAC where: Benzene < 10 mg/kg BTEX < 50 mg/kg GRO+DRO < 1,000 mg/kg
TPH (GRO+DRO+ORO) < 2,500 mg/kg Chlorides < 10,000 mg/kg

Assessment and Delineation Activities

On May 21, 2025, an environmental technician mobilized to the Site to assess the release area for incident NGRL0936533622 and investigate potential release areas for incident NSAP0132411072. Discrete samples were collected from six (6) sample points from the heater release area for incident nGRL0936533622. Two (2) of these sample points were from within the release area, and four (4) of the sample points were from around the edges of the release area. These samples were collected from depth intervals of surface, 1', 2', 3', and 4' bgs. Discrete samples were collected from six (6) sample points from various areas on the pad to investigate the incident nSAP0132411072. Two (2) sample points were collected from the heater/separator area within the berm but outside of the area designated for nGRL0936533622. Four (4) sample points were collected from around the wellhead and on the pad. These samples were collected from depth intervals of surface, 1', 2', 3', and 4' bgs. Two (2) samples were collected as background samples from areas off the pad to the north and to the west of the pad surface. These samples were from 1' bgs. A total of 62 samples were put on ice, jarred, prepared for delivery, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. A Delineation Map can be referenced in Figure 1.

On May 30, 2025, the analytical report was received and verified soil sample results were under the regulatory limits of the 51'-100' depth to groundwater section of Table 1 19.15.29.12 NMAC in all but six of the sample points. These results can be referenced in the Data Tables included as Figure 3.

Remediation Activities

On August 19, 2025, the areas surrounding sample points W2, I1, I2, I3, I4, and I5 were marked/flagged for a one-call.

On August 21, 2025, an excavation crew mobilized to site to begin excavating the areas of concern on the pad surface. The area surrounding sample point W2 measured approximately 200 square feet and was excavated to a depth of approximately six inches bgs. The area surrounding sample point I1 measured approximately 200 square feet and was excavated to a depth of approximately 1.5 feet bgs. The area surrounding sample point I2 measured approximately 200 square feet and was excavated to a depth of approximately 3.5 feet bgs. The area surrounding sample point I3 measured approximately 200 square feet and was excavated to a depth of approximately five feet bgs. The area surrounding sample points I4 and I5 measured approximately 600 square feet and was excavated to a depth of approximately six inches bgs. Photographic Documentation can be referenced in Appendix D.

On August 22, 2025, after Raybaw submitted a 48-hour notification of sampling ppendi , field personnel returned to the site to collect 5-point composite confirmation soil samples from the excavated areas. A total of seven composite samples were collected from the bases of the excavated areas, and seven composite samples were collected from the walls of the excavated areas. Fourteen composite soil samples were collected, put on ice, prepared, and delivered to the lab for official analysis of all constituents listed in Table 1.

On September 2, 2025, the analytical report was received and verified that all soil sample points were under the regulatory limits of the 51'-100' depth to groundwater section of Table 1. All soil sample results can be found in the Data Tables included as Figure 3. A Confirmation Sample Map is included as Figure 2.

On September 5, 2025, after Raybaw submitted a 48-hour notification of sampling ppendi , field personnel returned to the site to collect additional soil samples from previous sample points that have not been fully delineated. Eleven grab samples were collected, put on ice, prepared for delivery, then delivered to Envirotech Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The results of this sampling event can be found in the Data Tables included in Figure 3.

On September 12, 2025, the analytical report was received and verified that all sample points were now delineated fully. For comparison reference, a Delineation Map, as previously mentioned, can be seen in Figure 1.

Request for Remediation Closure Approval

Raybaw requests that this remediation closure report for incident IDs NSAP0132411072 and NGRL0936533622 be approved. All rules and regulations set forth in 19.15.29.12 NMAC have been complied with. Raybaw understands that reclamation of this pad area, once it is no longer needed for production or subsequent drilling operations, will require a minimum of four feet of non-waste containing earthen material, followed up with a reclamation report then a subsequent revegetation report after proper vegetation growth has been confirmed.

For questions or additional information, please reach out to:

Raybaw Operating – Tom Campbell – tom@oaknrg.com – (713) 540-0619

Sapec-Eco, LLC – Tom Bynum – tombynum@sapec-eco.com – (580) 748-1613

Attachments

Figures:

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

Appendices:

Appendix A – Initial Form C-141, 48-Hour Notifications of Sampling, & NMOCD Correspondence

Appendix B – Water Surveys & Water-Related Maps

Appendix C – Soil Surveys, Soil Map, & Geologic Unit Map

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports

Figures:

Delineation Map

Confirmation Sample Map

Data Tables

Special Status Plant/Wildlife Map

Karst Map

Topographic Map

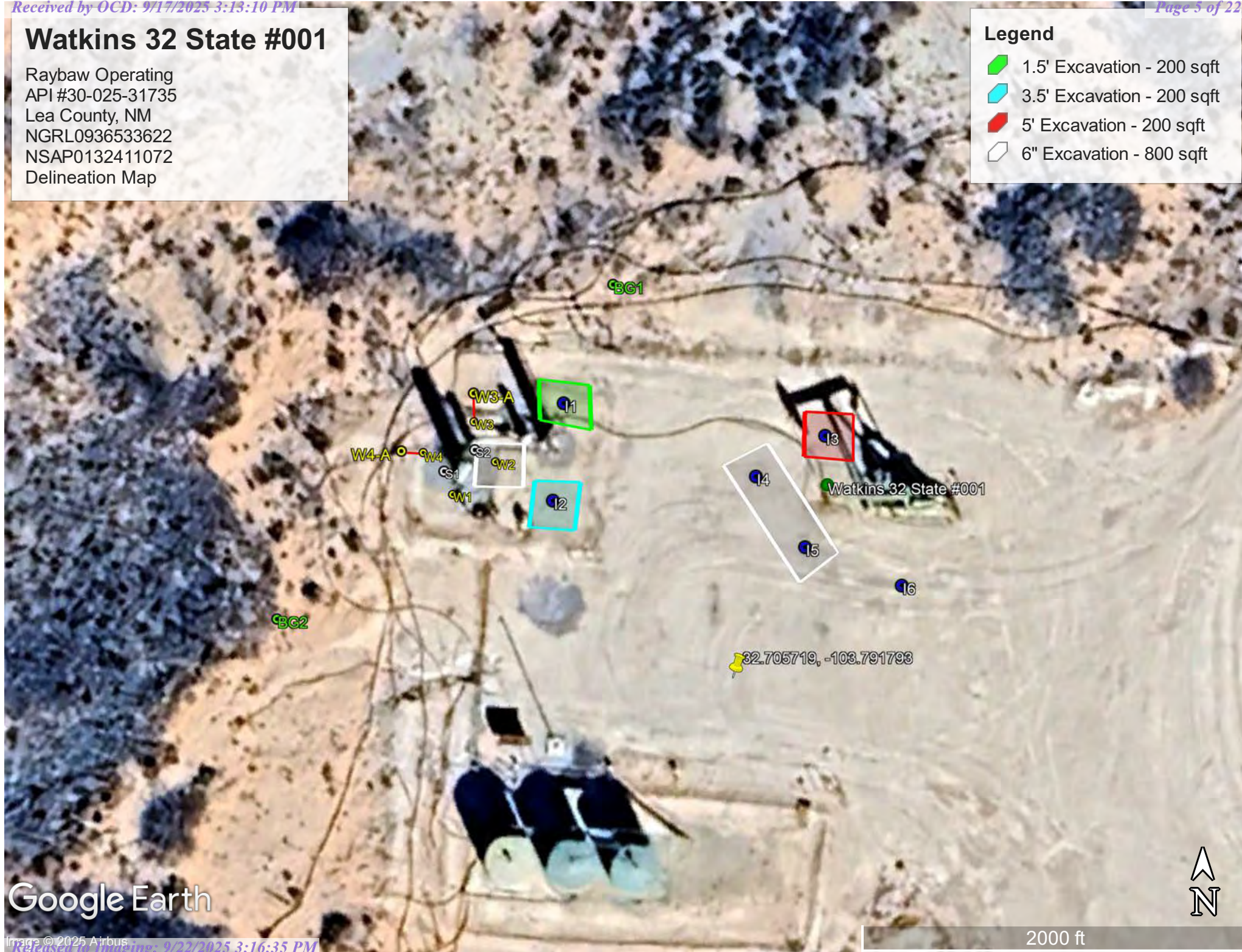
Location Map

Watkins 32 State #001

Raybaw Operating
API #30-025-31735
Lea County, NM
NGRL0936533622
NSAP0132411072
Delineation Map

Legend

- 1.5' Excavation - 200 sqft
- 3.5' Excavation - 200 sqft
- 5' Excavation - 200 sqft
- 6" Excavation - 800 sqft



Google Earth

Watkins 32 State #001

Raybaw Operating
API #30-025-31735
Lea County, NM
NGRL0936533622
NSAP0132411072
Confirmation Sample Map

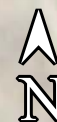
Legend

- 1.5' Excavation - 200 sqft
- 3.5' Excavation - 200 sqft
- 5' Excavation - 200 sqft
- 6" Excavation - 800 sqft
- Confirmation composite base samples
- Confirmation composite wall samples



Google Earth

32.705719, -103.791793



70 ft

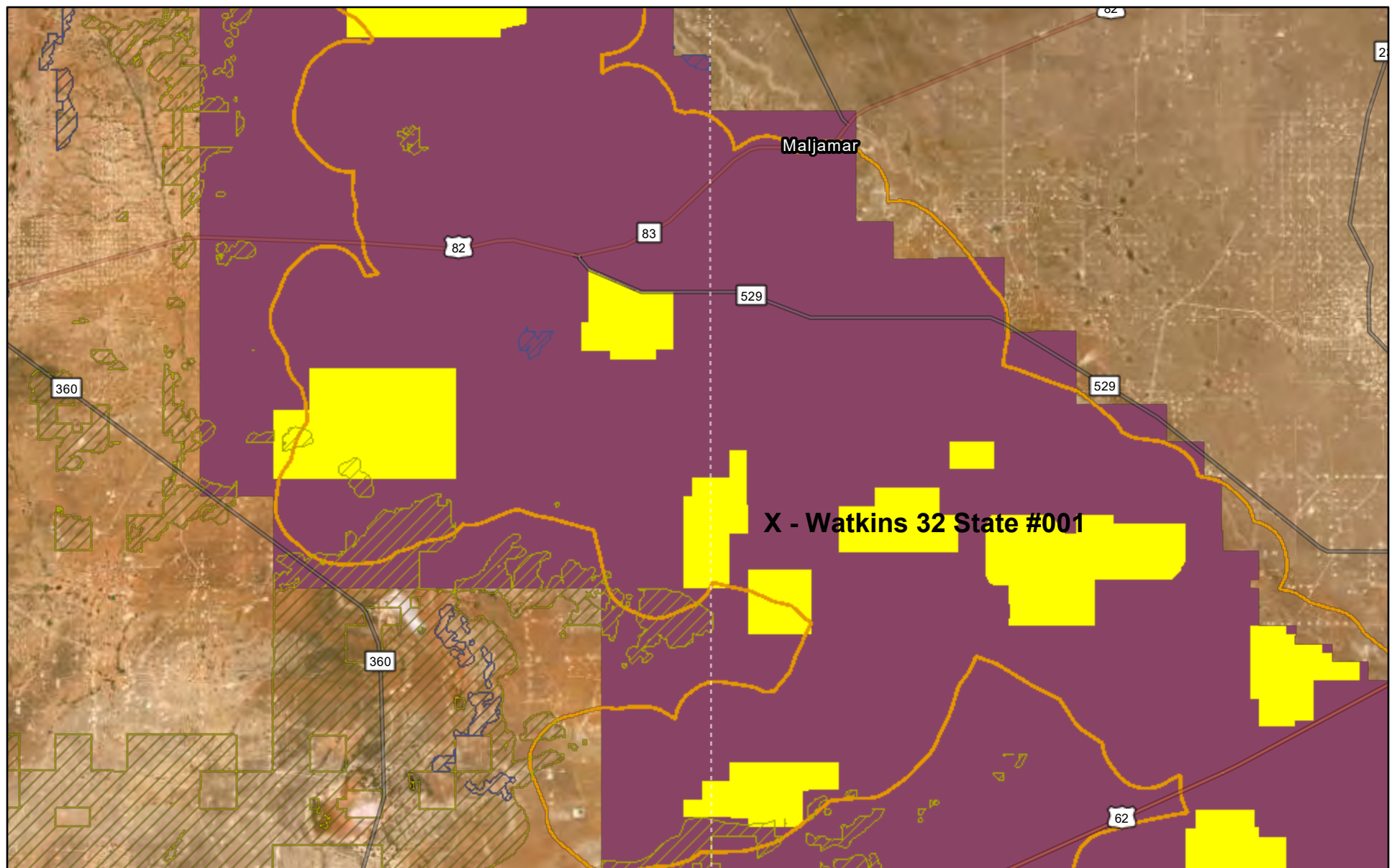
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Raybaw Operating - Watkins 32 State #001 - nGRL0936533622 & nSAP0132411072								
NM Approved Sample Results - Samples Collected 5/21/2025								
Sample ID	Depth (BGS)	Benzene mg/kg	BTEX mg/kg	GRO mg/kg	DRO mg/kg	ORO mg/kg	TPH mg/kg	Chlorides mg/kg
1-Surface	0'	ND	ND	ND	993	1320	2313	96.7
1-1'	1'	ND	ND	ND	253	445	698	23.7
1-2'	2'	ND	ND	ND	124	216	340	29.3
1-3'	3'	ND	ND	ND	48.7	128	176.7	ND
1-4'	4'	ND	ND	ND	67.4	143	210.4	30.5
2-Surface	0'	ND	ND	ND	208	291	499	46.7
2-1'	1'	ND	ND	ND	ND	60.8	60.8	62.4
2-2'	2'	ND	ND	ND	ND	62.8	62.8	121
2-3'	3'	ND	ND	ND	ND	ND	ND	143
2-4'	4'	ND	ND	ND	ND	ND	ND	243
W1-Surface	0'	ND	ND	ND	ND	ND	ND	349
W1-1'	1'	ND	0.0876	ND	ND	ND	ND	42.2
W1-2'	2'	ND	ND	ND	ND	ND	ND	21.4
W1-3'	3'	ND	ND	ND	ND	ND	ND	28.1
W1-4'	4'	ND	ND	ND	ND	ND	ND	32.2
W2-Surface	0'	ND	ND	ND	1710	2070	3780	2050
W2-1'	1'	ND	ND	ND	305	213	518	207
W2-2'	2'	ND	ND	ND	213	187	400	245
W2-3'	3'	ND	ND	ND	36.5	77	113.5	254
W2-4'	4'	ND	ND	ND	44.6	84.2	128.8	236
W3-Surface	0'	ND	ND	ND	764	447	1211	244
W3-1'	1'	ND	ND	ND	480	386	866	278
W3-2'	2'	ND	ND	ND	102	96.1	198.1	108
W3-3'	3'	ND	ND	ND	48.2	55.4	103.6	80.7
W3-4'	4'	ND	ND	ND	ND	ND	ND	76.3
W4-Surface	0'	ND	ND	ND	26.9	81.7	108.6	ND
W4-1'	1'	ND	ND	ND	32.2	97.1	129.3	ND
W4-2'	2'	ND	ND	ND	ND	ND	ND	ND
W4-3'	3'	ND	ND	ND	ND	ND	ND	ND
W4-4'	4'	ND	ND	ND	90.8	226	316.8	ND
I1-Surface	0'	ND	0.0406	ND	6000	5690	11690	2970
I1-1'	1'	ND	ND	ND	1200	782	1982	608
I1-2'	2'	ND	ND	ND	315	323	638	184
I1-3'	3'	ND	ND	ND	73.6	114	187.6	53.7
I1-4'	4'	ND	ND	ND	78.7	143	221.7	36.8
I2-Surface	0'	ND	ND	ND	147	260	407	80.2
I2-1'	1'	ND	ND	ND	151	293	444	ND
I2-2'	2'	ND	ND	ND	832	919	1751	ND
I2-3'	3'	ND	ND	ND	1500	1650	3150	ND
I2-4'	4'	ND	ND	ND	548	619	1167	ND
I3-Surface	0'	ND	0.0331	ND	334	305	639	172
I3-1'	1'	ND	ND	ND	978	944	1922	57.1
I3-2'	2'	ND	ND	ND	2660	2260	4920	91.8
I3-3'	3'	ND	ND	ND	2940	2370	5310	146
I3-4'	4'	ND	ND	ND	2970	2180	5150	154
I4-Surface	0'	ND	0.538	ND	1300	1760	3060	273
I4-1'	1'	ND	ND	ND	169	452	621	60.8
I4-2'	2'	ND	ND	ND	139	288	427	54.8
I4-3'	3'	ND	ND	ND	ND	67.3	67.3	20.8
I4-4'	4'	ND	ND	ND	ND	ND	ND	26.8

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
I5-Surface	0'	ND	0.4485	ND	1710	1410	3120	876
I5-1'	1'	ND	ND	ND	ND	67.8	67.8	316
I5-2'	2'	ND	ND	ND	ND	ND	ND	211
I5-3'	3'	ND	ND	ND	ND	ND	ND	171
I5-4'	4'	ND	ND	ND	ND	ND	ND	95.9
I6-Surface	0'	ND	0.182	ND	95.7	128	223.7	ND
I6-1'	1'	ND	ND	ND	ND	ND	ND	ND
I6-2'	2'	ND	ND	ND	ND	ND	ND	ND
I6-3'	3'	ND	ND	ND	ND	ND	ND	ND
I6-4'	4'	ND	ND	ND	ND	ND	ND	ND
BG1-1'	1'	ND	ND	ND	ND	ND	ND	ND
BG2-1'	1'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Raybaw Operating - Watkins 32 State #001 - nGRL0936533622 & nSAP0132411072								
NM Approved Sample Results - Samples Collected 8/22/2025								
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
C1-6"	6"	ND	ND	ND	ND	ND	ND	ND
C2-1.5'	1.5'	ND	ND	ND	ND	ND	ND	ND
C3-3.5'	3.5'	ND	ND	ND	ND	ND	ND	ND
C4-5'	5'	ND	ND	ND	28.1	ND	28.1	ND
C5-6"	6"	ND	ND	ND	27.1	ND	27.1	ND
C6-6"	6"	ND	ND	ND	27.9	ND	27.9	ND
C7-6"	6"	ND	ND	ND	28.7	ND	28.7	ND
W1-6"	6"	ND	ND	ND	ND	ND	ND	ND
W2-1.5'	1.5'	ND	ND	ND	ND	ND	ND	ND
W3-3.5'	3.5'	ND	ND	ND	ND	ND	ND	ND
W4-6"	6"	ND	ND	ND	ND	ND	ND	ND
W5-6"	6"	ND	ND	ND	ND	ND	ND	ND
W6-5'	5'	ND	ND	ND	ND	ND	ND	ND
W7-5'	5'	ND	ND	ND	ND	ND	ND	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
Raybaw Operating - Watkins 32 State #001 - nGRL0936533622 & nSAP0132411072								
NM Approved Sample Results - Samples Collected 9/5/2025								
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
1-5'	5'	ND	ND	ND	ND	ND	ND	ND
W2-5'	5'	ND	ND	ND	ND	ND	ND	ND
W3-A 1'	1'	ND	ND	ND	ND	ND	ND	ND
W3-A 3'	3'	ND	ND	ND	ND	ND	ND	ND
W3-A 5'	5'	ND	ND	ND	ND	ND	ND	ND
W4-A 1'	1'	ND	ND	ND	ND	ND	ND	ND
W4-A 3'	3'	ND	ND	ND	ND	ND	ND	ND
W4-A 5'	5'	ND	ND	ND	ND	ND	ND	ND
I1-5'	5'	ND	ND	ND	ND	ND	ND	ND
I2-6'	6'	ND	ND	ND	ND	ND	ND	ND
I3-6'	6'	ND	ND	ND	ND	ND	ND	ND

Plant-Wildlife Map



12/20/2024

Potential Habitat (Planning Area Only)

Scheer's beehive cactus

Tharp's blue-star

Dunes Sage Brush Lizard Habitat

Lesser Prairie Chicken Habitat

Habitat Evaluation Area

Isolated Population Area

World Imagery

Low Resolution 15m Imagery

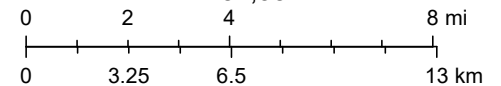
High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

75m Resolution Metadata

1:284,382



Earthstar Geographics, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS, Bureau of Land

Watkins 32 State #001

Raybaw Operating
API #30-025-31735
Lea County, NM
nGRL0936533622
nSAP0132411072
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst

Watkins 32 State #001

Google Earth



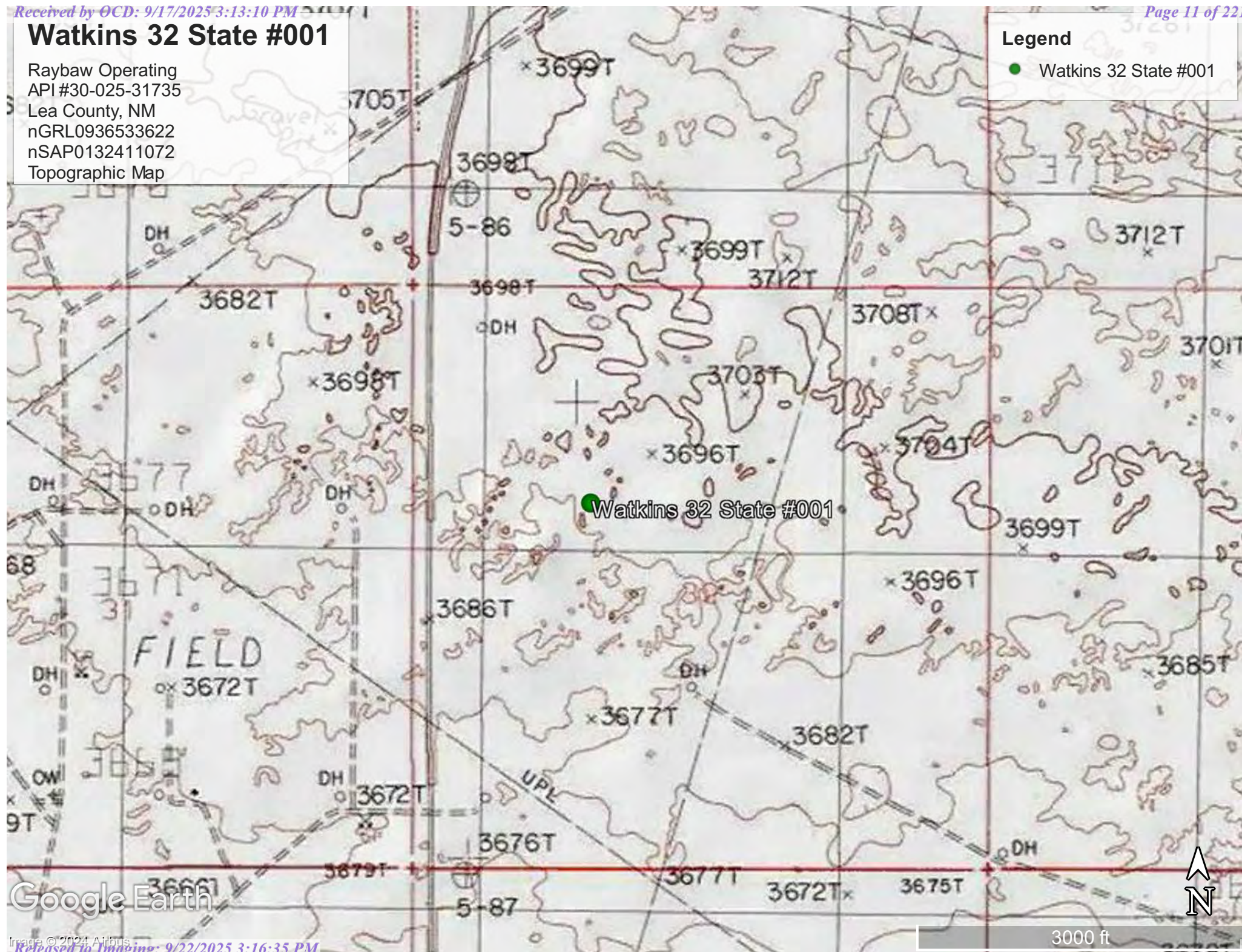
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Watkins 32 State #001

Raybaw Operating
API #30-025-31735
Lea County, NM
nGRL0936533622
nSAP0132411072
Topographic Map

Legend

● Watkins 32 State #001



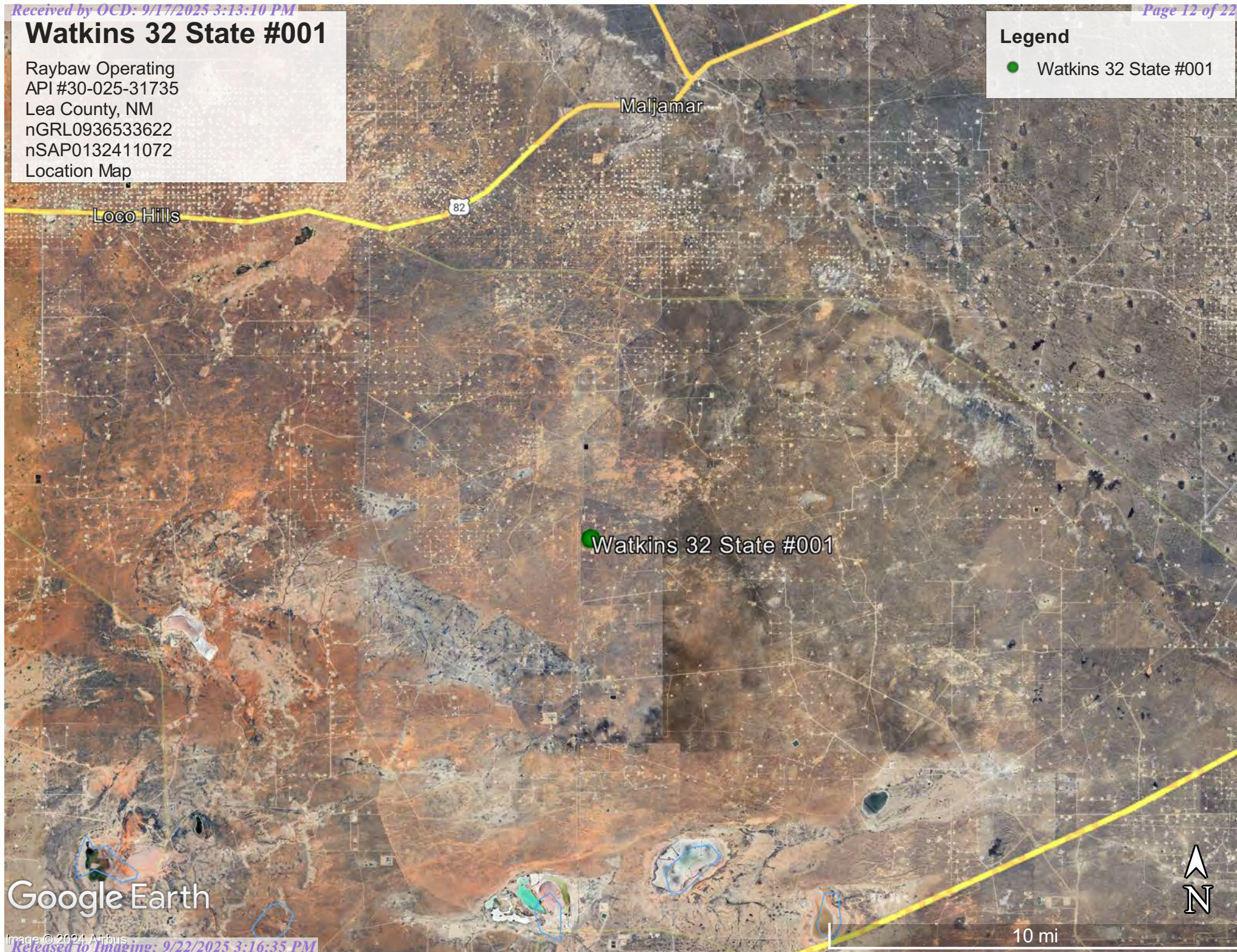
Google Earth

Watkins 32 State #001

Raybaw Operating
API #30-025-31735
Lea County, NM
nGRL0936533622
nSAP0132411072
Location Map

Legend

● Watkins 32 State #001



Appendix A

Initial Form C-141

48-Hour Notifications of Sampling

NMOCD Correspondence 11/6/24

OCD Permitting

Home Searches Incidents Incident Details

NSAP0132411072 2001 A OS @ 30-025-31735

General Incident Information

Site Name:
Well: [\[30-025-31735\]](#) WATKINS 32 STATE #001
Facility:
Operator: [\[330220\]](#) RAYBAW Operating, LLC
Status: Closure Not Approved, Pending submission of C-141 from the operator
Type: Oil Release Severity:
District: Hobbs Surface Owner: State
County: Lea (25)
Incident Location: F-32-18S-32E 1980 FNL 1650 FWL
Lat/Long: 32.7058411,-103.7917099 NAD83
Directions:

Notes

Source of Referral: Industry Rep Action / Escalation:
Resulted In Fire: ☐ Resulted In Injury: ☐
Endangered Public Health: ☐ Will or Has Reached Watercourse: ☐
Fresh Water Contamination: ☐ Property Or Environmental Damage: ☐

Contact Details

Contact Name: Contact Title:

Event Dates

Date of Discovery: 11/19/2001 Initial C-141 Report Due: 12/4/2001
Remediation Closure Report Due: 11/13/2018

Incident Dates

Type	Action	Received	Denied	Approved
Remediation Closure Report Extension		08/15/2018		08/15/2018

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Quick

- [Gene](#)
- [Mater](#)
- [Event](#)
- [Order](#)
- [Actior](#)

Asso

- Incide
- [Well f](#)

New

- [New f](#)
- [New I](#)
- [New C](#)
- [New I](#)
- [New S](#)
- [New T](#)
- [New V](#)

Incident Events

No events Found

Incident Severity

Major release as defined by 19.15.29.7(A) NMAC?
☐ Yes ☒ No

Incident Corrective Actions

- No initial response data was found for this incident.
- No site characterization data was found for this incident.
- No remediation plan data was found for this incident.
- No active remediation deferral request was found for this incident.
- No remediation closure report data was found for this incident.
- No reclamation report data was found for this incident.
- No re-vegetation report data was found for this incident.

Orders

No Orders Found

District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505

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

RECEIVED

DEC 07 2009

HOBBSCOCD

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Devon Energy	Contact ☐ Roger Hernandez
Address P. O. Box 250 Artesia, NM 88211	Telephone No. ☐ 575-748-5238
Facility Name Watkins 32 Battery	Facility Type ☐ Oil Well

Surface Owner STATE	Mineral Owner	Lease No. ☐
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LOCATION OF RELEASE

NEARBY WELL WATKINS 329001
API # 30-625-31735-00-00

Unit Letter F	Section 15	Township 18S	Range 32E	Feet from the 1980	North/South Line North	Feet from the 1650	East/West Line West	County Lea County
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NATURE OF RELEASE

Type of Release Oil	Volume of Release 14 BO	Volume Recovered 9 BO
Source of Release Broken bottom site glass	Date and Hour of Occurrence 11-25-2009 10:45 AM	Date and Hour of Discovery 11-25-2009 10:45 AM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? OCD - Lea County (did not get persons name)	
By Whom? ☐ Ernie Duran	Date and Hour ☐ 11-25-2009 2:30 PM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
Bottom site glass on heater treater broke in half spilling 14 BO in dike, recovered 9 BO.

Describe Area Affected and Cleanup Action Taken.*
20'x20', called vacuum truck to pickup fluid, will rake, till, fertilize, all the spill was contained in the dike area.

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>Ernie Duran</i>	OIL CONSERVATION DIVISION	
Printed Name: Ernie Duran for Roger Hernandez	ENV. ENGINEER: Approved by ☐ District Supervisor: <i>Sherry Perkins</i>	
Title: Assistant Production Foreman	Approval Date: 12/30/09	Expiration Date: 03/03/10
Date: November 30, 2009 Phone: 575-513-1768	Conditions of Approval: ☐ DELIVER TO CLEAN ☐ ATTACHED ☐	

* Attach Additional Sheets If Necessary

C-141 BY 03/03/10 (IRP-09-12-2372)

F GIRL 0936531881

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 464397

QUESTIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 464397
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nGRL0936533622
Incident Name	NGRL0936533622 WATKINS 32 STATE #001 @ 30-025-31735
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-31735] WATKINS 32 STATE #001
Incident Facility	[fGRL0936531881] Watkins 32 State Battery

Location of Release Source	
Site Name	WATKINS 32 STATE #001
Date Release Discovered	11/25/2009
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	3,000
What is the estimated number of samples that will be gathered	62
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/21/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Sampler - Marisa Loya (575) 408-3446
Please provide any information necessary for navigation to sampling site	32.705719, -103.791793

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 464397

CONDITIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 464397
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mlee	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.	5/19/2025

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 497692

QUESTIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 497692
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nGRL0936533622
Incident Name	NGRL0936533622 WATKINS 32 STATE #001 @ 30-025-31735
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-31735] WATKINS 32 STATE #001
Incident Facility	[fGRL0936531881] Watkins 32 State Battery

Location of Release Source	
Site Name	WATKINS 32 STATE #001
Date Release Discovered	11/25/2009
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,400
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/22/2025
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Marisa (575) 408-3446
Please provide any information necessary for navigation to sampling site	32.705719, -103.791793

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 497692

CONDITIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 497692
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mlee	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.	8/20/2025
mlee	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.	8/20/2025

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 502152

QUESTIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 502152
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nGRL0936533622
Incident Name	NGRL0936533622 WATKINS 32 STATE #001 @ 30-025-31735
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-31735] WATKINS 32 STATE #001
Incident Facility	[fGRL0936531881] Watkins 32 State Battery

Location of Release Source	
Site Name	WATKINS 32 STATE #001
Date Release Discovered	11/25/2009
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	11
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/05/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Marisa Loya (575) 408-3446
Please provide any information necessary for navigation to sampling site	32.705719, -103.791793

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/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 502152

CONDITIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 502152
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mlee	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.	9/3/2025
mlee	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.	9/3/2025



Outlook

RE: [EXTERNAL] NSAP0132411072 -- Watkins 32 State #001 @30-025-31735

From Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>**Date** Wed 11/6/2024 11:39 AM**To** Tom bynum <tombynum@saptec-eco.com>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>**Cc** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; 'Nancy Winn' <nwinn@sbcglobal.net>; 'Tom Campbell' <tom@oaknrg.com>; 'Irma Rodriguez' <irma@oaknrg.com>

Good Morning Tom,

The sampling plan will need to be included in a remediation work plan and submitted via the OCD permitting portal. OCD understands that estimates are sometime used during the submittal of a remediation work plan. The information provided can be updated later when submitting subsequent reports.

Ashley Maxwell • Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.635.5000 | Ashley.Maxwell@emnrd.nm.gov<http://www.emnrd.state.nm.us/OCD/>

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/> or <https://www.emnrd.nm.gov/ocd/ocd-forms/>.

From: Tom bynum <tombynum@saptec-eco.com>**Sent:** Wednesday, November 6, 2024 10:33 AM**To:** Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>**Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; 'Nancy Winn' <nwinn@sbcglobal.net>; 'Tom Campbell' <tom@oaknrg.com>; 'Irma Rodriguez' <irma@oaknrg.com>**Subject:** Re: [EXTERNAL] NSAP0132411072 -- Watkins 32 State #001 @30-025-31735

Some people who received this message don't often get email from tombynum@saptec-eco.com. [Learn why this is important](#)

Good morning,

Attached is the proposed sampling plan we came up with for the Watkins incidents (nSAP0132411072 & nGRL0936533622), would it be acceptable to ask for an approval of this plan via email, then compile all received data in a remediation plan to be submitted to the NMOCD Pay Portal afterwards?

If not, and you would prefer to have this included in a remediation plan now, to be submitted to the Portal, I can surely do that. But without our delineation information the plan won't have calculated areas and volumes figured yet.

We are happy to oblige in either case, thank you for your time today.

Many thanks,

Tom Bynum

Sapec-Eco, LLC
(580) 748-1613



From: Tom bynum <tombynum@sapec-eco.com>

Sent: Tuesday, November 5, 2024 12:07 PM

To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>; Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; 'Nancy Winn' <nwinn@sbcglobal.net>; 'Tom Campbell' <tom@oaknrg.com>; 'Irma Rodriguez' <irma@oaknrg.com>

Subject: Re: [EXTERNAL] NSAP0132411072 -- Watkins 32 State #001 @30-025-31735

Hey Ashley,

Thank you for responding, we do have NGRL0936533622 on our radar and are currently working on site characterization, delineation, and a remediation plan for that one. I appreciate your time.

Many thanks,

Tom Bynum

Sapec-Eco, LLC
(580) 748-1613



From: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>

Sent: Tuesday, November 5, 2024 11:47 AM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Tom bynum <tombynum@sapec-eco.com>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; 'Nancy Winn' <nwinn@sbcglobal.net>; 'Tom Campbell' <tom@oaknrg.com>; 'Irma Rodriguez' <irma@oaknrg.com>

Subject: RE: [EXTERNAL] NSAP0132411072 -- Watkins 32 State #001 @30-025-31735

Good Morning Tom,

I have reviewed NSAP0132411072 -- Watkins 32 State #001 @30-025-31735 and all the information available is provided. While researching, it appears that there is another incident that remains unresolved on this location (NGRL0936533622). This release will need to be addressed as well as it is currently out of compliance.

Please submit a work plan for both incidents by January 3, 2025. The work plan for incident NSAP0132411072 will need to include how Raybaw intends to investigate where the release occurred and proposed sampling plan.

Ashley Maxwell • Environmental Specialist

Environmental Bureau Projects Group

EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87110

505.635.5000 | Ashley.Maxwell@emnrd.nm.gov

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

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: <https://www.emnrd.nm.gov/oed/oed-announcements-and-notifications/> under "2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS".

The Digital C-141 guidance documents can be found at <https://www.emnrd.nm.gov/oed/oed-announcements-and-notifications/> or <https://www.emnrd.nm.gov/oed/oed-forms/>.

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, November 5, 2024 9:52 AM
To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] NSAP0132411072 -- Watkins 32 State #001 @30-025-31735

Hi Ashley,

You are named as the reviewer on this one. Do you mind seeing what you might be able to find?

Kind regards,

Shelly

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

From: Tom bynum <tombynum@saptec-eco.com>
Sent: Tuesday, November 5, 2024 8:12 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nancy Winn <nwinn@sbcglobal.net>;
tom@oaknrg.com; irma@oaknrg.com
Subject: [EXTERNAL] NSAP0132411072 -- Watkins 32 State #001 @30-025-31735

Some people who received this message don't often get email from tombynum@saptec-eco.com. [Learn why this is important](#)
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

After much research and reaching out to the previous operator, Raybaw has not come up with any information regarding the above-mentioned incident.

Is there any chance the Division has any other information surrounding this incident?

If so, could the Division share that information with Raybaw and Saptec-Eco so that we can begin assessing for remediation?

If not, how would the Division advise us to proceed on this matter?

Thank you for your time and help, please let me know if you have any questions.

[OCD Permitting - Incidents](#)

Many thanks,

Tom Bynum

Sapec-Eco, LLC
(580) 748-1613



Appendix B

Water Surveys

Water-Related Maps

OSE POD Location Map



11/5/2024, 10:01:13 AM

GIS WATERS PODs

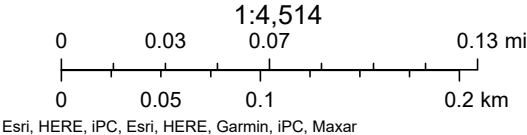
● Plugged

□ OSE District Boundary

Water Right Regulations New Mexico State Trust Lands

□ Closure Area

□ Both Estates





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1		WELL TAG ID NO.		OSE FILE NO(S). CP 01938		
	WELL OWNER NAME(S) Raybaw Operating, LLC				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 2626 Cole Avenue Suite 300				CITY Dallas	STATE TX ZIP 75204	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 42	SECONDS 21.34 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	47	29.13 W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit Letter "F", Section 32, T18S, R32E							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1755		NAME OF LICENSED DRILLER John Norris		NAME OF WELL DRILLING COMPANY Hungry Horse, LLC		
	DRILLING STARTED 1/18/23	DRILLING ENDED 1/18/23	DEPTH OF COMPLETED WELL (FT) NA	BORE HOLE DEPTH (FT) 51	DEPTH WATER FIRST ENCOUNTERED (FT) NA		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) NA	DATE STATIC MEASURED NA	
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES – SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				No Casing			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
	0 10		6	bentonite chips	1.96	tremie	
	10 51		6	native soil	8.05	shovel	

FOR OSE INTERNAL USE

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

FILE NO. CP-1938	POD NO. 1	TRN NO. 740 275
LOCATION 32. 18S. 32E 141	WELL TAG ID NO. N17	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	10	10	red sand	Y ✓ N	
	10	20	10	caliche	Y ✓ N	
	20	40	20	red sand	Y ✓ N	
	40	47	7	sand rock mix	Y ✓ N	
	47	51	4	white rock	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☒ OTHER – SPECIFY: not tested					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: The borehole was drilled according to NMOCD request as no water wells exist within a half-mile radius of a release site. As per NMOCD, drill a 51' borehole, wait 72 hours, then gauge for presence of water. No water was present so borehole was plugged per approved plugging plan. OSE DTJ FEB 6 2023 AM 8:34	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
 _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME	John Norris	1/31/23
		DATE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	CP-1938	POD NO.	1
LOCATION	33 155- 32E 141	TRN NO.	740275
		WELL TAG ID NO.	NA
			PAGE 2 OF 2



National Water Information System: Mapper





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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News 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 =

- 324356103471601

Minimum number of levels = 1

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

USGS 324356103471601 18S.32E.20.14411

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°43'56", Longitude 103°47'16" NAD27

Land-surface elevation 3,746 feet above NAVD88

The depth of the well is 270 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

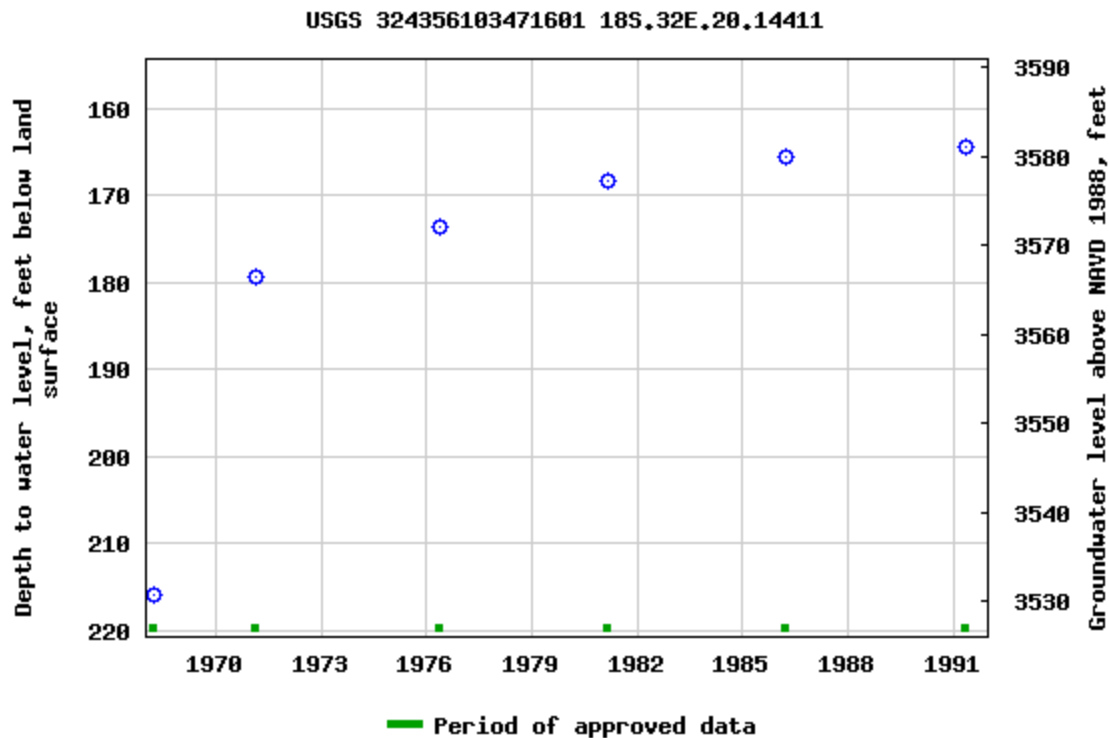
Output formats

[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.

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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: 2024-11-05 11:04:28 EST

0.75 0.51 nadww01

Watkins 32 State #001

Raybaw Operating
API #30-025-31735
Lea County, NM
nGRL0936533622
nSAP0132411072
Surface Water Map

Legend

-  7.72 Miles
-  Salt Pond

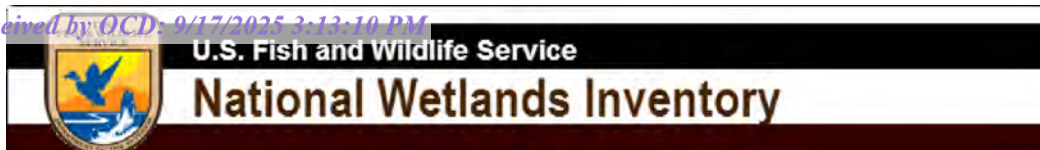
Watkins 32 State #001

Salt Pond

Google Earth



4 mi



Wetlands Map



November 5, 2024

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°47'49"W 32°42'35"N



1:6,000

103°47'11"W 32°42'5"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
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		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 11/5/2024 at 4:08 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 Survey

Soil Map

Geologic Unit Map

Map Unit Description: Kermit soils and Dune land, 0 to 12 percent slopes---Lea County, New Mexico

Lea County, New Mexico

KM—Kermit soils and Dune land, 0 to 12 percent slopes

Map Unit Setting

National map unit symbol: dmpx

Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 46 percent

Dune land: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Dunes

Landform position (two-dimensional): Shoulder, backslope, footslope

Landform position (three-dimensional): Side slope

Down-slope shape: Concave, convex, linear

Across-slope shape: Convex

Parent material: Calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sand

C - 8 to 60 inches: fine sand

Properties and qualities

Slope: 5 to 12 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 3 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Map Unit Description: Kermit soils and Dune land, 0 to 12 percent slopes---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Description of Dune Land**Setting**

Landform: Dunes

Landform position (two-dimensional): Shoulder, backslope, footslope

Landform position (three-dimensional): Side slope

Down-slope shape: Concave, convex, linear

Across-slope shape: Convex

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 6 inches: fine sand

C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydrologic Soil Group: A

Hydric soil rating: No

Minor Components**Palomas**

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Pyote

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Wink

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Maljamar

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Map Unit Description: Kermit soils and Dune land, 0 to 12 percent slopes---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

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

Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

11/5/2024
Page 1 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



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KD	Kermit-Palomas fine sands, 0 to 12 percent slopes	0.8	22.6%
KM	Kermit soils and Dune land, 0 to 12 percent slopes	2.6	77.4%
Totals for Area of Interest		3.4	100.0%

Watkins 32 State #001

Raybaw Operating
API #30-025-31735
Lea County, NM
nGRL0936533622
nSAP0132411072
Geologic Unit Map

Legend

-  Eolian and piedmont deposits
-  Piedmont alluvial deposits

Watkins 32 State #001

Google Earth



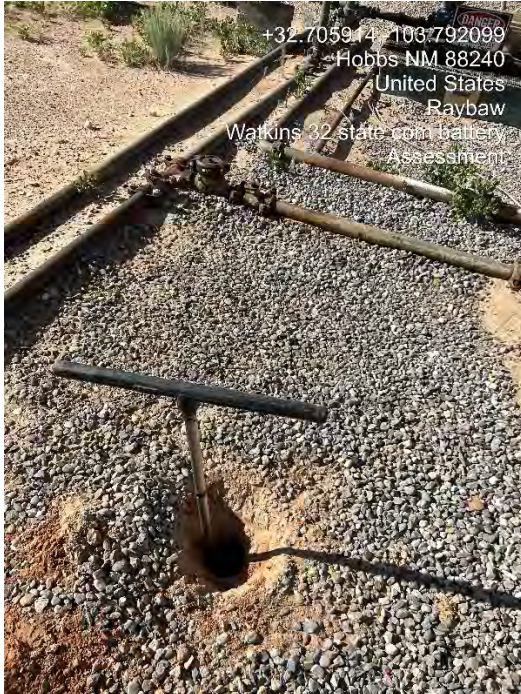
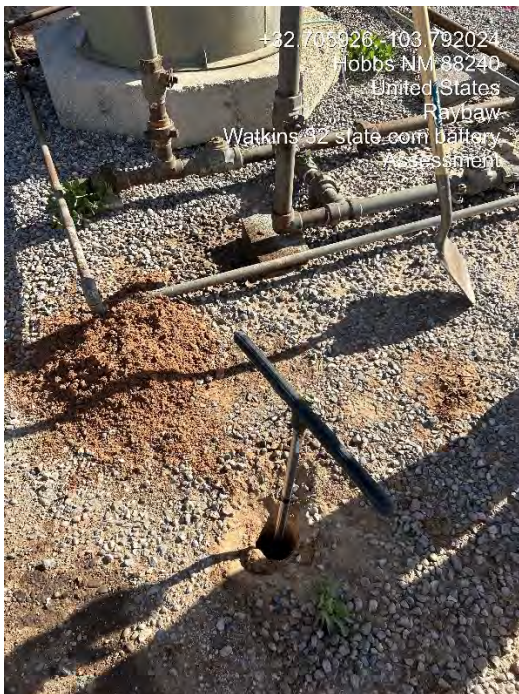
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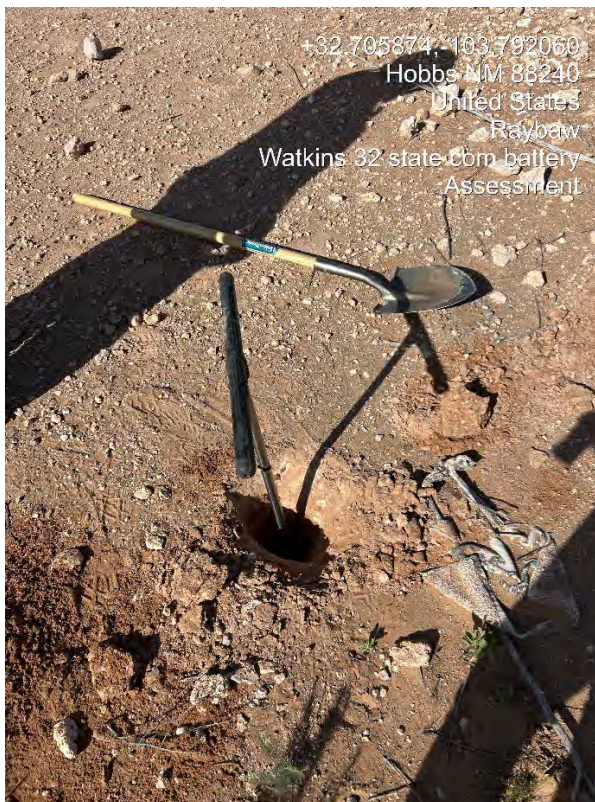
Appendix D

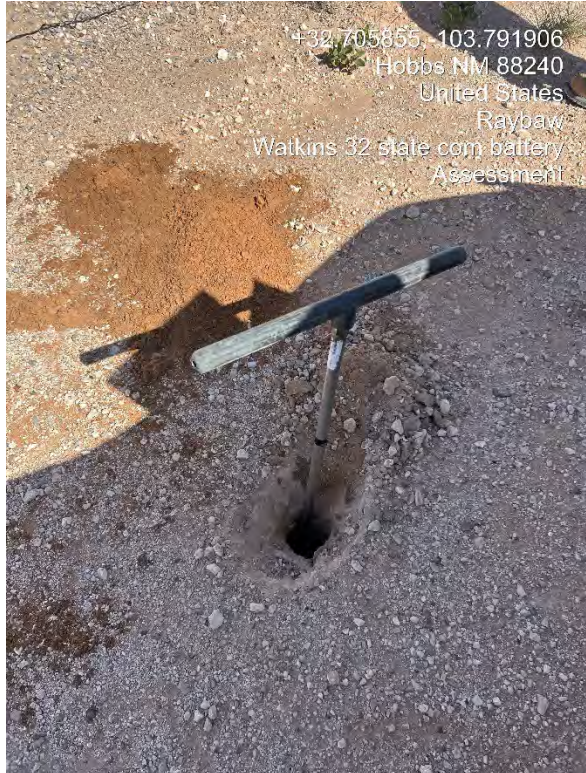
Photographic Documentation



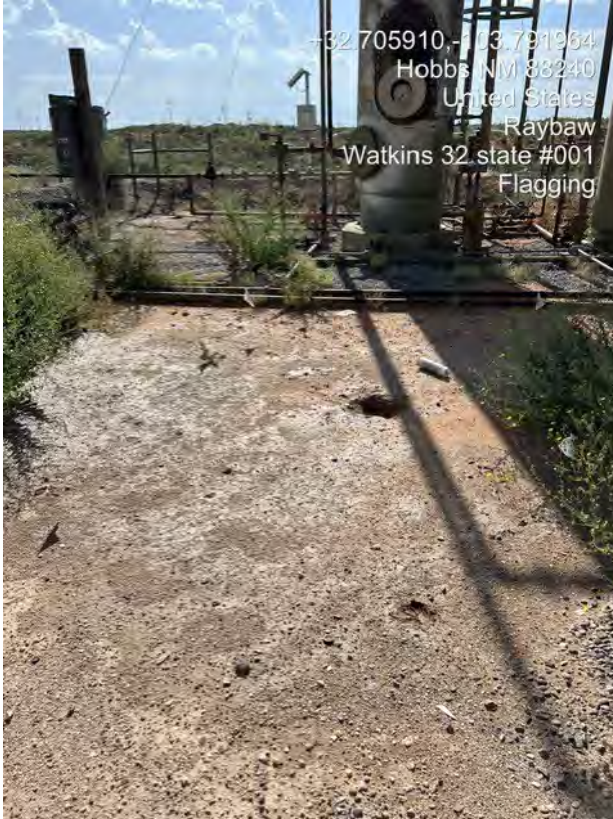
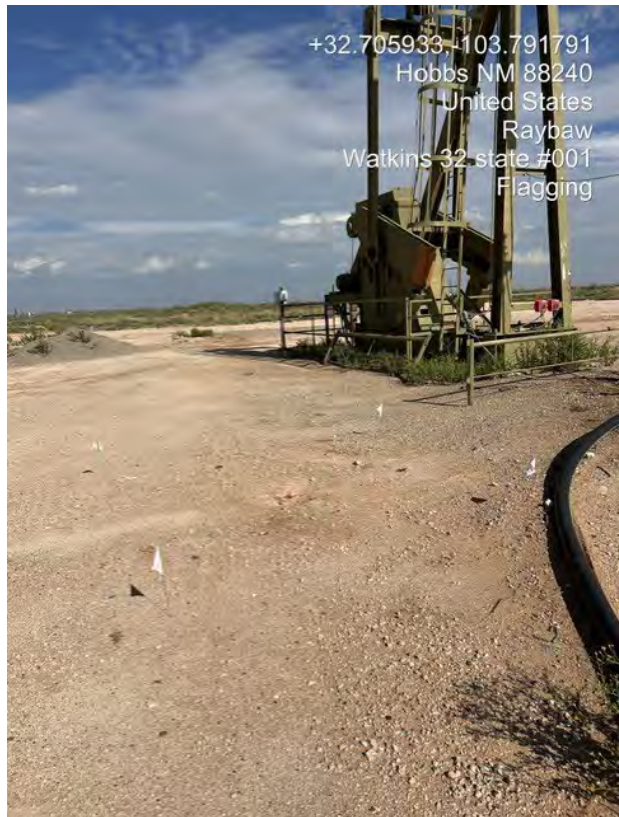
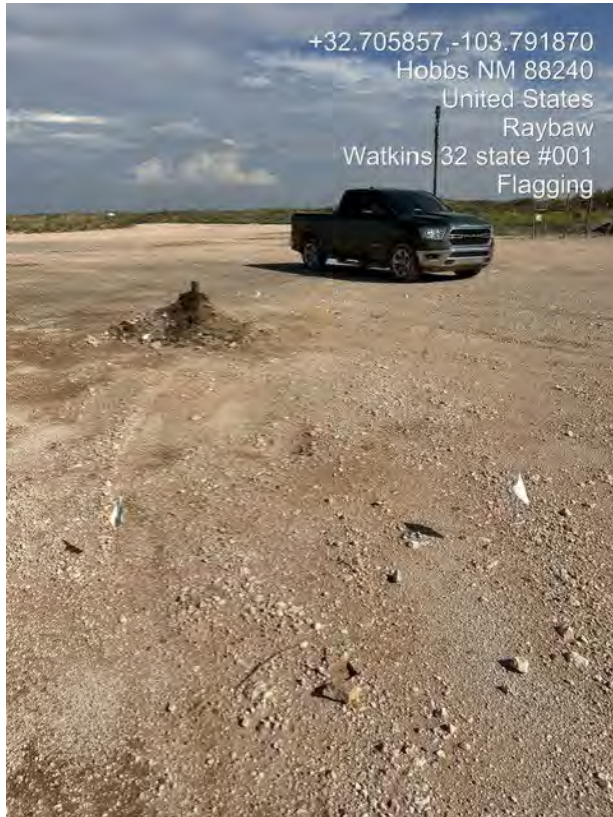


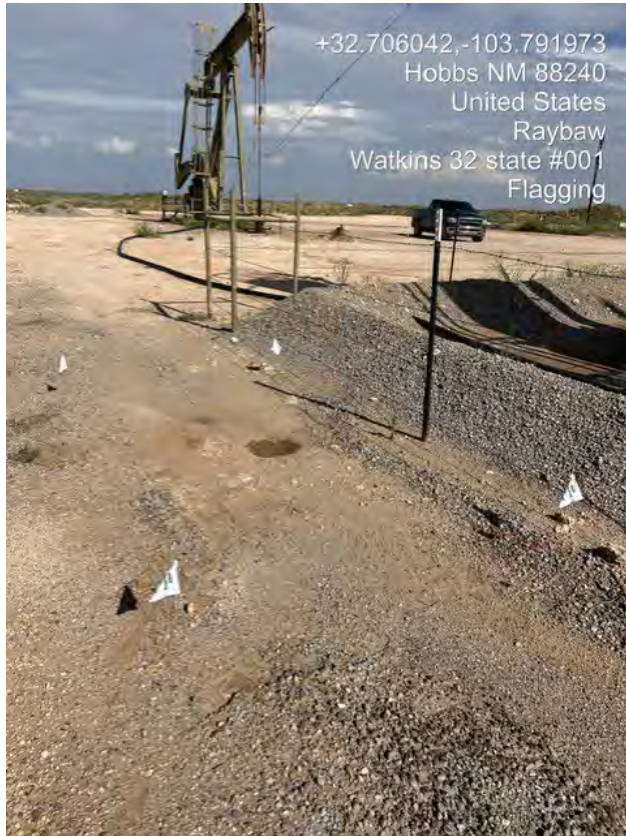




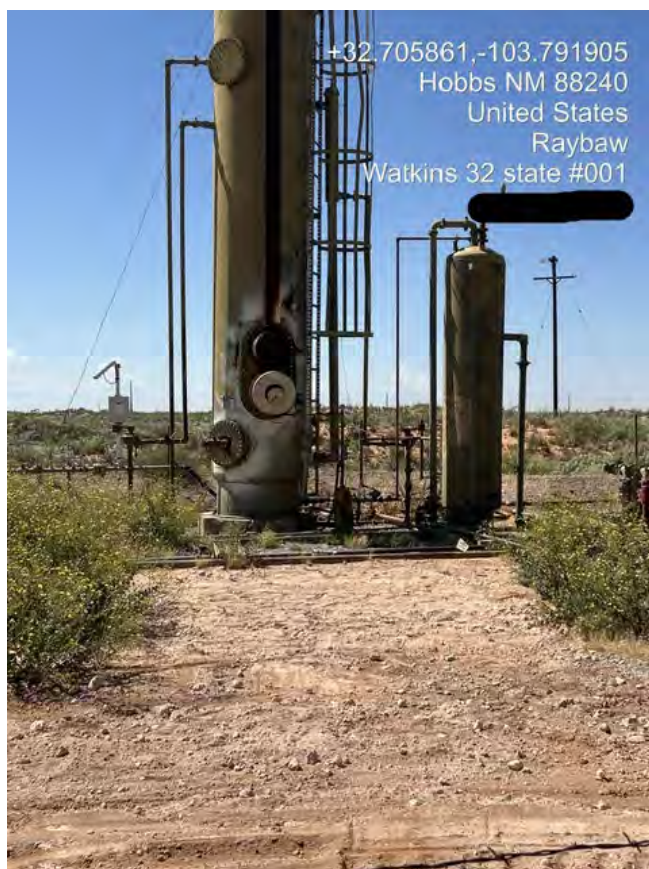


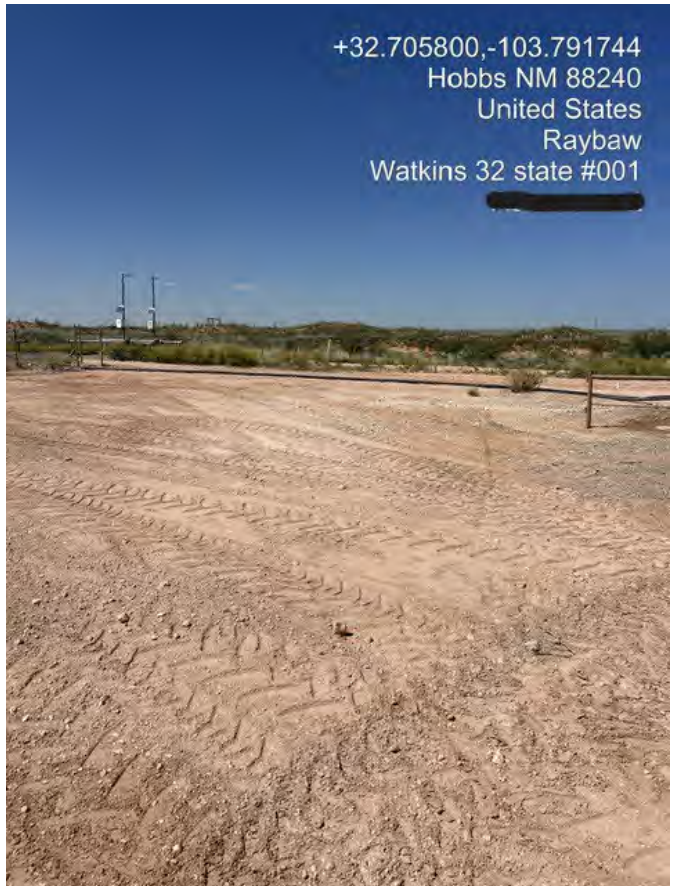
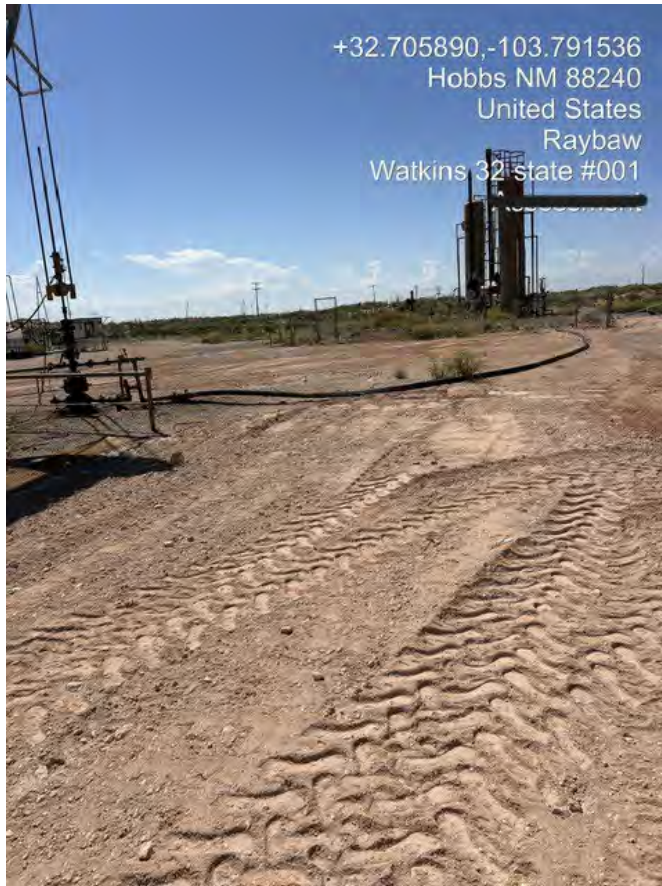












Appendix E

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Saptec-Eco, LLC

Project Name: Watkins 32 State #001

Work Order: E505266

Job Number: 24066-0001

Received: 5/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/30/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 5/30/25



Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Watkins 32 State #001
Workorder: E505266
Date Received: 5/27/2025 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/27/2025 7:15:00AM, under the Project Name: Watkins 32 State #001.

The analytical test results summarized in this report with the Project Name: Watkins 32 State #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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
05/30/25 14:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1 - Surface	E505266-01A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
1 - 1'	E505266-02A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
1 - 2'	E505266-03A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
1 - 3'	E505266-04A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
1 - 4'	E505266-05A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
2 - Surface	E505266-06A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
2 - 1'	E505266-07A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
2 - 2'	E505266-08A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
2 - 3'	E505266-09A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
2 - 4'	E505266-10A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W1- Surface	E505266-11A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W1- 1'	E505266-12A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W1- 2'	E505266-13A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W1- 3'	E505266-14A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W1- 4'	E505266-15A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W2- Surface	E505266-16A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W2- 1'	E505266-17A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W2- 2'	E505266-18A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W2- 3'	E505266-19A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W2- 4'	E505266-20A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.



Sample Data

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported: 5/30/2025 2:13:31PM
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	

1 - Surface

E505266-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	993	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	1320	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>		122 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	96.7	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

1 - 1'

E505266-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	253	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	445	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	117 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	23.7	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

1 - 2'

E505266-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	124	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	216	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	120 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	29.3	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

1 - 3'

E505266-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	48.7	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	128	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	ND	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

1 - 4'

E505266-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	67.4	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	143	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	30.5	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

2 - Surface

E505266-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	208	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	291	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	46.7	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

2 - 1'

E505266-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	60.8	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	62.4	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

2 - 2'

E505266-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	112 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	62.8	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	121	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

2 - 3'

E505266-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	143	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

2 - 4'

E505266-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2522001
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2522001
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2522024
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2522020
Chloride	243	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W1- Surface

E505266-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	349	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W1- 1'

E505266-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	0.0301	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	0.0575	0.0500	1	05/27/25	05/28/25	
Total Xylenes	0.0575	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	42.2	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W1- 2'

E505266-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		112 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	21.4	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W1- 3'

E505266-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	28.1	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W1- 4'

E505266-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	32.2	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W2- Surface

E505266-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	0.836	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	1710	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	2070	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	121 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	2050	40.0	2	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W2- 1'

E505266-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	305	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	213	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	207	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W2- 2'

E505266-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	213	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	187	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	245	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W2- 3'

E505266-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	36.5	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	77.0	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	254	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:13:31PM

W2- 4'

E505266-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522024	
Diesel Range Organics (C10-C28)	44.6	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	84.2	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522020	
Chloride	236	20.0	1	05/27/25	05/28/25	



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:13:31PM

Volatile Organics by EPA 8021B

Analyst: SL

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 (2522001-BLK1)

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			

LCS (2522001-BS1)

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	3.92	0.0250	5.00		78.5	70-130			
Ethylbenzene	3.91	0.0250	5.00		78.2	70-130			
Toluene	3.91	0.0250	5.00		78.2	70-130			
o-Xylene	3.90	0.0250	5.00		77.9	70-130			
p,m-Xylene	7.95	0.0500	10.0		79.5	70-130			
Total Xylenes	11.8	0.0250	15.0		79.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			

Matrix Spike (2522001-MS1)

Source: E505266-06

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	5.54	0.0250	5.00	ND	111	70-130			
Ethylbenzene	5.52	0.0250	5.00	ND	110	70-130			
Toluene	5.53	0.0250	5.00	ND	111	70-130			
o-Xylene	5.49	0.0250	5.00	ND	110	70-130			
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130			
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

Matrix Spike Dup (2522001-MSD1)

Source: E505266-06

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	4.87	0.0250	5.00	ND	97.3	70-130	13.0	27	
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	70-130	12.5	26	
Toluene	4.86	0.0250	5.00	ND	97.3	70-130	12.8	20	
o-Xylene	4.83	0.0250	5.00	ND	96.6	70-130	12.7	25	
p,m-Xylene	9.87	0.0500	10.0	ND	98.7	70-130	12.2	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	70-130	12.4	26	
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:13:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2522001-BLK1) Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130			

LCS (2522001-BS2) Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	57.0	20.0	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.58		8.00		120	70-130			

Matrix Spike (2522001-MS2) Source: E505266-06 Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.24		8.00		115	70-130			

Matrix Spike Dup (2522001-MSD2) Source: E505266-06 Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130	5.45	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.23		8.00		115	70-130			



QC Summary Data

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:13:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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 (2522024-BLK1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.4		50.0		103	61-141			

LCS (2522024-BS1)					Prepared: 05/27/25 Analyzed: 05/28/25				
Diesel Range Organics (C10-C28)	285	25.0	250		114	66-144			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

Matrix Spike (2522024-MS1)					Source: E505266-01		Prepared: 05/27/25 Analyzed: 05/28/25		
Diesel Range Organics (C10-C28)	1410	25.0	250	993	168	56-156			M4
Surrogate: n-Nonane	62.1		50.0		124	61-141			

Matrix Spike Dup (2522024-MSD1)					Source: E505266-01		Prepared: 05/27/25 Analyzed: 05/28/25		
Diesel Range Organics (C10-C28)	1510	25.0	250	993	208	56-156	6.97	20	M4
Surrogate: n-Nonane	62.3		50.0		125	61-141			



QC Summary Data

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:13:31PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2522020-BLK1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Chloride	ND	20.0							
LCS (2522020-BS1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2522020-MS1)					Source: E505266-03		Prepared: 05/27/25 Analyzed: 05/27/25		
Chloride	283	20.0	250	29.3	101	80-120			
Matrix Spike Dup (2522020-MSD1)					Source: E505266-03		Prepared: 05/27/25 Analyzed: 05/27/25		
Chloride	282	20.0	250	29.3	101	80-120	0.193	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

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	
5846 E 21st Place	Project Number:	24066-0001	Reported:
Tulsa OK, 74114	Project Manager:	Tom Bynum	05/30/25 14:13

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information				Lab Use Only				TAT				State											
Client: Sapec-Eco, LLC				Company: Raybaw Operating				Lab WO# E5053160				Job Number 240106-001				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td></td> <td></td> <td>X</td> </tr> </table>				1D	2D	3D	Std				X
1D	2D	3D	Std																								
			X																								
Project Name: Watkins 32 State #001				Address:								<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	X							
NM	CO	UT	TX																								
X																											
Project Manager: Tom Bynum				City, State, Zip:																							
Address: 5846 E 21st Place				Phone:																							
City, State, Zip: Tulsa, OK 74114				Email:																							
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																							
Email: tombynum@sapec-eco.com																											
Sample Information										Analysis and Method								EPA Program									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA									
8:00	5/21/25	S	1	1 - Surface		1								X													
8:02		S	1	1 - 1'		2								X													
8:09		S	1	1 - 2'		3								X													
8:16		S	1	1 - 3'		4								X													
8:22		S	1	1 - 4'		5								X													
8:25		S	1	2 - Surface		6								X													
8:33		S	1	2 - 1'		7								X													
8:38		S	1	2 - 2'		8								X													
8:46		S	1	2 - 3'		9								X													
8:51		S	1	2 - 4'		10								X													
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																											
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) <i>[Signature]</i>				Date: 5/23/25				Time: 8:00am				Received by: (Signature) <i>Michelle Gonzales</i>				Date: 5-23-25				Time: 0800							
Relinquished by: (Signature) <i>Michelle Gonzales</i>				Date: 5-23-25				Time: 1640				Received by: (Signature) <i>[Signature]</i>				Date: 5-23-25				Time: 1640							
Relinquished by: (Signature) <i>[Signature]</i>				Date: 5-23-25				Time: 2245				Received by: (Signature) <i>Caitlynn</i>				Date: 5-27-25				Time: 715							
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time							
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time							
<table border="1"> <tr> <th colspan="2">Lab Use Only</th> </tr> <tr> <td>Received on ice:</td> <td>☒ Y ☐ N</td> </tr> </table>																				Lab Use Only		Received on ice:	☒ Y ☐ N				
Lab Use Only																											
Received on ice:	☒ Y ☐ N																										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																											
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																											
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																											

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Sapec-Eco, LLC				Company: Raybow Operating		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Watkins 32 State #001				Address:		E505266	24106-001				X	X								
Project Manager: Tom Bynum				City, State, Zip:																
Address: 5846 E 21st Place				Phone:																
City, State, Zip: Tulsa, OK 74114				Email:																
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																
Email: tombynum@sapec-eco.com																				
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
9:00	5/23/25	S	1	W1 - Surface		11								X			3.6			
9:07		S	1	W1 - 1'		12								X			3.4			
9:02		S	1	W1 - 2'		13								X			4.3			
9:14		S	1	W1 - 3'		14								X			4.6			
9:23		S	1	W1 - 4'		15								X			4.8			
9:28		S	1	W2 - Surface		16								X			3.9			
9:34		S	1	W2 - 1'		17								X			3.2			
9:40		S	1	W2 - 2'		18								X			4.3			
9:46		S	1	W2 - 3'		19								X			4.0			
9:52		S	1	W2 - 4'		20								X			4.1			
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																				
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. Lab Use Only Received on ice: ☒ Y ☐ N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
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.																				

Envirotech Analytical Laboratory

Printed: 5/27/2025 9:17:21AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Sapac-Eco, LLC	Date Received:	05/27/25 07:15	Work Order ID:	E505266
Phone:	(580) 748-1613	Date Logged In:	05/23/25 15:50	Logged In By:	Noe Soto
Email:	tombynum@sapac-eco.com	Due Date:	06/02/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? 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.

Carrier: CourierSample 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? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client InstructionComments/Resolution

Project Watkins 32 State #001 has been separated into 3 reports due to sample volume, WOs are E505266-E505268. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Saptec-Eco, LLC

Project Name: Watkins 32 State #001

Work Order: E505267

Job Number: 24066-0001

Received: 5/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/30/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 5/30/25



Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Watkins 32 State #001
Workorder: E505267
Date Received: 5/27/2025 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/27/2025 7:15:00AM, under the Project Name: Watkins 32 State #001.

The analytical test results summarized in this report with the Project Name: Watkins 32 State #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

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
05/30/25 14:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
W3 - Surface	E505267-01A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W3 - 1'	E505267-02A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W3 - 2'	E505267-03A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W3 - 3'	E505267-04A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W3 - 4'	E505267-05A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W4 - Surface	E505267-06A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W4 - 1'	E505267-07A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W4 - 2'	E505267-08A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W4 - 3'	E505267-09A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
W4 - 4'	E505267-10A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I1 - Surface	E505267-11A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I1 - 1'	E505267-12A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I1 - 2'	E505267-13A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I1 - 3'	E505267-14A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I1 - 4'	E505267-15A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I2 - Surface	E505267-16A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I2 - 1'	E505267-17A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I2 - 2'	E505267-18A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I2 - 3'	E505267-19A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I2 - 4'	E505267-20A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W3 - Surface

E505267-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	764	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	447	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/27/25	05/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	244	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W3 - 1'

E505267-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	480	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	386	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
	98.8 %	61-141		05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	278	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W3 - 2'

E505267-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	102	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	96.1	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	108	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W3 - 3'

E505267-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	48.2	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	55.4	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	80.7	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W3 - 4'

E505267-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	76.3	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W4 - Surface

E505267-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	26.9	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	81.7	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W4 - 1'

E505267-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	32.2	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	97.1	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W4 - 2'

E505267-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W4 - 3'

E505267-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

W4 - 4'

E505267-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	90.8	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	226	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I1 - Surface

E505267-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	0.0406	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	6000	125	5	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	5690	250	5	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	94.5 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	2970	40.0	2	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I1 - 1'

E505267-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	1200	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	782	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	608	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I1 - 2'

E505267-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2522002
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2522002
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2522027
Diesel Range Organics (C10-C28)	315	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	323	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2522021
Chloride	184	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I1 - 3'

E505267-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	73.6	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	114	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	99.8 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	53.7	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I1 - 4'

E505267-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	78.7	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	143	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	36.8	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I2 - Surface

E505267-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	147	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	260	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	80.2	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I2 - 1'

E505267-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.4 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	151	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	293	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I2 - 2'

E505267-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	832	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	919	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I2 - 3'

E505267-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	1500	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	1650	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:15:12PM

I2 - 4'

E505267-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522027	
Diesel Range Organics (C10-C28)	548	25.0	1	05/27/25	05/28/25	
Oil Range Organics (C28-C36)	619	50.0	1	05/27/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/27/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522021	
Chloride	ND	20.0	1	05/27/25	05/28/25	



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:15:12PM

Volatile Organics by EPA 8021B

Analyst: BA

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 (2522002-BLK1)

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

LCS (2522002-BS1)

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	5.62	0.0250	5.00		112	70-130			
Ethylbenzene	5.51	0.0250	5.00		110	70-130			
Toluene	5.58	0.0250	5.00		112	70-130			
o-Xylene	5.41	0.0250	5.00		108	70-130			
p,m-Xylene	11.1	0.0500	10.0		111	70-130			
Total Xylenes	16.5	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.1	70-130			

Matrix Spike (2522002-MS1)

Source: E505267-06

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	5.34	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.24	0.0250	5.00	ND	105	70-130			
Toluene	5.30	0.0250	5.00	ND	106	70-130			
o-Xylene	5.16	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.8	70-130			

Matrix Spike Dup (2522002-MSD1)

Source: E505267-06

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	5.69	0.0250	5.00	ND	114	70-130	6.47	27	
Ethylbenzene	5.56	0.0250	5.00	ND	111	70-130	5.78	26	
Toluene	5.64	0.0250	5.00	ND	113	70-130	6.17	20	
o-Xylene	5.45	0.0250	5.00	ND	109	70-130	5.56	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	5.59	23	
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	5.58	26	
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.2	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:15:12PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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 (2522002-BLK1)

Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

LCS (2522002-BS2)

Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			

Matrix Spike (2522002-MS2)

Source: E505267-06

Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

Matrix Spike Dup (2522002-MSD2)

Source: E505267-06

Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130	7.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:15:12PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2522027-BLK1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	61-141			

LCS (2522027-BS1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike (2522027-MS1)					Source: E505267-10		Prepared: 05/27/25 Analyzed: 05/27/25		
Diesel Range Organics (C10-C28)	343	25.0	250	90.8	101	56-156			
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			

Matrix Spike Dup (2522027-MSD1)					Source: E505267-10		Prepared: 05/27/25 Analyzed: 05/27/25		
Diesel Range Organics (C10-C28)	336	25.0	250	90.8	98.0	56-156	2.08	20	
Surrogate: n-Nonane	49.3		50.0		98.7	61-141			



QC Summary Data

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:15:12PM

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 (2522021-BLK1)				Prepared: 05/27/25 Analyzed: 05/28/25					
Chloride	ND	20.0							
LCS (2522021-BS1)				Prepared: 05/27/25 Analyzed: 05/28/25					
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2522021-MS1)				Source: E505267-02		Prepared: 05/27/25 Analyzed: 05/28/25			
Chloride	465	20.0	250	278	74.6	80-120			M2
Matrix Spike Dup (2522021-MSD1)				Source: E505267-02		Prepared: 05/27/25 Analyzed: 05/28/25			
Chloride	496	20.0	250	278	87.1	80-120	6.50	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

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	
5846 E 21st Place	Project Number:	24066-0001	Reported:
Tulsa OK, 74114	Project Manager:	Tom Bynum	05/30/25 14:15

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information		Lab Use Only		TAT				State								
Client: Sapec-Eco, LLC				Company: Raybaw Operating		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Watkins 32 State #001				Address:		E505267	2400000				X	X								
Project Manager: Tom Bynum				City, State, Zip:																
Address: 5846 E 21st Place				Phone:																
City, State, Zip: Tulsa, OK 74114				Email:																
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																
Email: tombynum@sapec-eco.com																				
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
10:00	5/21/25	S	1	W3 - Surface		1								X			4.6			
10:08		S	1	W3 - 1'		2								X			4.8			
10:13		S	1	W3 - 2'		3								X			3.9			
10:17		S	1	W3 - 3'		4								X			3.6			
10:23		S	1	W3 - 4'		5								X			2.8			
10:27		S	1	W4 - Surface		6								X			4.0			
10:32		S	1	W4 - 1'		7								X			4.2			
10:41		S	1	W4 - 2'		8								X			2.9			
10:46		S	1	W4 - 3'		9								X			3.0			
10:53		S	1	W4 - 4'		10								X			4.6			
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																				
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. Lab Use Only Received on ice: ☒ Y ☐ N														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time															
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										
Client: Sapec-Eco, LLC				Company: Raybow Operating		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Watkins 32 State #001				Address:		EO03267	24066-001				X	X								
Project Manager: Tom Bynum				City, State, Zip:																
Address: 5846 E 21st Place				Phone:																
City, State, Zip: Tulsa, OK 74114				Email:																
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																
Email: tombynum@sapec-eco.com																				
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
11:00	5/21/25	S	1	I1 - Surface		11								X			4.0			
11:10		S	1	I1 - 1'		12								X			3.6			
11:14		S	1	I1 - 2'		13								X			4.2			
11:20		S	1	I1 - 3'		14								X			4.4			
11:24		S	1	I1 - 4'		15								X			3.8			
11:26		S	1	I2 - Surface		16								X			4.1			
11:31		S	1	I2 - 1'		17								X			4.6			
11:37		S	1	I2 - 2'		18								X			3.4			
11:44		S	1	I2 - 3'		19								X			3.0			
11:51		S	1	I2 - 4'		20								X			3.6			
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																				
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. Lab Use Only Received on ice: ☒ Y ☐ N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
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.																				

Envirotech Analytical Laboratory

Printed: 5/27/2025 9:20:19AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Sapec-Eco, LLC	Date Received: 05/27/25 07:15	Work Order ID: E505267
Phone: (580) 748-1613	Date Logged In: 05/23/25 15:52	Logged In By: Noe Soto
Email: tombynum@sapec-eco.com	Due Date: 06/02/25 17:00 (4 day TAT)	

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? 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.

Carrier: CourierSample 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? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client InstructionComments/Resolution

Project Watkins 32 State #001 has been separated into 3 reports due to sample volume, WOs are E505266-E505268. Sampled by not provided on COC.

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name: Watkins 32 State #001

Work Order: E505268

Job Number: 24066-0001

Received: 5/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/30/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 5/30/25



Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Watkins 32 State #001
Workorder: E505268
Date Received: 5/27/2025 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/27/2025 7:15:00AM, under the Project Name: Watkins 32 State #001.

The analytical test results summarized in this report with the Project Name: Watkins 32 State #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

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
05/30/25 14:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
I3 - Surface	E505268-01A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I3 - 1'	E505268-02A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I3 - 2'	E505268-03A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I3 - 3'	E505268-04A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I3 - 4'	E505268-05A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I4 - Surface	E505268-06A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I4 - 1'	E505268-07A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I4 - 2'	E505268-08A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I4 - 3'	E505268-09A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I4 - 4'	E505268-10A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I5 - Surface	E505268-11A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I5 - 1'	E505268-12A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I5 - 2'	E505268-13A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I5 - 3'	E505268-14A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I5 - 4'	E505268-15A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I6 - Surface	E505268-16A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I6 - 1'	E505268-17A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I6 - 2'	E505268-18A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I6 - 3'	E505268-19A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
I6 - 4'	E505268-20A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
BG1 - 1'	E505268-21A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.
BG2 - 2'	E505268-22A	Soil	05/21/25	05/27/25	Glass Jar, 2 oz.



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I3 - Surface

E505268-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	0.0331	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.3 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	334	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	305	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>	105 %	61-141		05/28/25	05/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	172	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I3 - 1'

E505268-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	978	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	944	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	97.6 %	61-141		05/28/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	57.1	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I3 - 2'

E505268-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	2660	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	2260	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		05/28/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	91.8	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I3 - 3'

E505268-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	2940	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	2370	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	98.3 %	61-141		05/28/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	146	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I3 - 4'

E505268-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	2970	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	2180	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		05/28/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	154	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I4 - Surface

E505268-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	0.538	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	1300	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	1760	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/28/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	273	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I4 - 1'

E505268-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.8 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	169	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	452	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	05/28/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	60.8	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I4 - 2'

E505268-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.0 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	139	25.0	1	05/28/25	05/28/25	
Oil Range Organics (C28-C36)	288	50.0	1	05/28/25	05/28/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	05/28/25	05/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	54.8	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I4 - 3'

E505268-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	67.3	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	20.8	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I4 - 4'

E505268-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.2 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	26.8	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I5 - Surface

E505268-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	0.421	0.0250	1	05/27/25	05/28/25	
o-Xylene	0.0275	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	0.0275	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	1710	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	1410	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	876	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I5 - 1'

E505268-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.3 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	67.8	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	316	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I5 - 2'

E505268-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.2 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	211	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I5 - 3'

E505268-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.5 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	171	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I5 - 4'

E505268-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.8 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	95.9	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I6 - Surface

E505268-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	0.182	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.5 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	95.7	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	128	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	ND	20.0	1	05/27/25	05/27/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I6 - 1'

E505268-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.5 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I6 - 2'

E505268-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	102 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I6 - 3'

E505268-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.6 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

I6 - 4'

E505268-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Benzene	ND	0.0250	1	05/27/25	05/28/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/28/25	
Toluene	ND	0.0250	1	05/27/25	05/28/25	
o-Xylene	ND	0.0250	1	05/27/25	05/28/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/28/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522003	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.1 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2522030	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/28/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	05/28/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2522023	
Chloride	ND	20.0	1	05/27/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

BG1 - 1'

E505268-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522028	
Benzene	ND	0.0250	1	05/27/25	05/29/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/29/25	
Toluene	ND	0.0250	1	05/27/25	05/29/25	
o-Xylene	ND	0.0250	1	05/27/25	05/29/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/29/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		05/27/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		05/27/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522045	
Chloride	ND	20.0	1	05/28/25	05/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
5/30/2025 2:22:41PM

BG2 - 2'

E505268-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522028	
Benzene	ND	0.0250	1	05/27/25	05/29/25	
Ethylbenzene	ND	0.0250	1	05/27/25	05/29/25	
Toluene	ND	0.0250	1	05/27/25	05/29/25	
o-Xylene	ND	0.0250	1	05/27/25	05/29/25	
p,m-Xylene	ND	0.0500	1	05/27/25	05/29/25	
Total Xylenes	ND	0.0250	1	05/27/25	05/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/27/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/27/25	05/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.0 %	70-130	05/27/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2522007	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/27/25	05/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/27/25	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	05/27/25	05/27/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522045	
Chloride	ND	20.0	1	05/28/25	05/28/25	



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:22:41PM

Volatile Organics by EPA 8021B

Analyst: BA

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 (2522003-BLK1)

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.24		8.00		103	70-130			

LCS (2522003-BS1)

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	5.62	0.0250	5.00		112	70-130			
Ethylbenzene	5.64	0.0250	5.00		113	70-130			
Toluene	5.60	0.0250	5.00		112	70-130			
o-Xylene	5.61	0.0250	5.00		112	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.6	0.0250	15.0		110	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

Matrix Spike (2522003-MS1)

Source: E505268-06

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	4.94	0.0250	5.00	ND	98.8	70-130			
Ethylbenzene	4.95	0.0250	5.00	ND	99.0	70-130			
Toluene	5.38	0.0250	5.00	0.538	96.8	70-130			
o-Xylene	4.91	0.0250	5.00	ND	98.2	70-130			
p,m-Xylene	9.65	0.0500	10.0	ND	96.5	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	70-130			

Matrix Spike Dup (2522003-MSD1)

Source: E505268-06

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	4.63	0.0250	5.00	ND	92.6	70-130	6.49	27	
Ethylbenzene	4.68	0.0250	5.00	ND	93.5	70-130	5.71	26	
Toluene	5.09	0.0250	5.00	0.538	91.0	70-130	5.59	20	
o-Xylene	4.63	0.0250	5.00	ND	92.5	70-130	5.98	25	
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	70-130	5.34	23	
Total Xylenes	13.8	0.0250	15.0	ND	91.8	70-130	5.56	26	
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:22:41PM

Volatile Organics by EPA 8021B

Analyst: BA

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 (2522028-BLK1)

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			

LCS (2522028-BS1)

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	5.03	0.0250	5.00		101	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Toluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.99	0.0250	5.00		99.9	70-130			
p,m-Xylene	9.82	0.0500	10.0		98.2	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			

Matrix Spike (2522028-MS1)

Source: E505275-07

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	4.89	0.0250	5.00	ND	97.7	70-130			
Ethylbenzene	4.92	0.0250	5.00	ND	98.5	70-130			
Toluene	4.88	0.0250	5.00	ND	97.5	70-130			
o-Xylene	4.86	0.0250	5.00	ND	97.2	70-130			
p,m-Xylene	9.60	0.0500	10.0	ND	96.0	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			

Matrix Spike Dup (2522028-MSD1)

Source: E505275-07

Prepared: 05/27/25 Analyzed: 05/28/25

Benzene	4.98	0.0250	5.00	ND	99.7	70-130	1.95	27	
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	1.98	26	
Toluene	4.98	0.0250	5.00	ND	99.5	70-130	1.99	20	
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130	2.24	25	
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130	1.80	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.3	70-130	1.95	26	
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:22:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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 (2522003-BLK1) Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.3	70-130			

LCS (2522003-BS2) Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		91.9	70-130			

Matrix Spike (2522003-MS2) Source: E505268-06 Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

Matrix Spike Dup (2522003-MSD2) Source: E505268-06 Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.3	70-130	5.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.8	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:22:41PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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 (2522028-BLK1) Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			

LCS (2522028-BS2) Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

Matrix Spike (2522028-MS2) Source: E505275-07 Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

Matrix Spike Dup (2522028-MSD2) Source: E505275-07 Prepared: 05/27/25 Analyzed: 05/28/25

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.9	70-130	2.42	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:22:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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 (2522007-BLK1)

Prepared: 05/27/25 Analyzed: 05/27/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	61-141			

LCS (2522007-BS1)

Prepared: 05/27/25 Analyzed: 05/27/25

Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: n-Nonane	55.2		50.0		110	61-141			

Matrix Spike (2522007-MS1)

Source: E505259-22

Prepared: 05/27/25 Analyzed: 05/27/25

Diesel Range Organics (C10-C28)	297	25.0	250	ND	119	56-156			
Surrogate: n-Nonane	55.6		50.0		111	61-141			

Matrix Spike Dup (2522007-MSD1)

Source: E505259-22

Prepared: 05/27/25 Analyzed: 05/27/25

Diesel Range Organics (C10-C28)	291	25.0	250	ND	116	56-156	2.11	20	
Surrogate: n-Nonane	55.0		50.0		110	61-141			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:22:41PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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 (2522030-BLK1)

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.4		50.0		105	61-141			

LCS (2522030-BS1)

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	51.1		50.0		102	61-141			

Matrix Spike (2522030-MS1)

Source: E505268-05

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	3140	25.0	250	2970	70.9	56-156			
Surrogate: n-Nonane	50.5		50.0		101	61-141			

Matrix Spike Dup (2522030-MSD1)

Source: E505268-05

Prepared: 05/28/25 Analyzed: 05/28/25

Diesel Range Organics (C10-C28)	3310	25.0	250	2970	136	56-156	5.03	20	
Surrogate: n-Nonane	51.2		50.0		102	61-141			



QC Summary Data

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:22:41PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2522023-BLK1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Chloride	ND	20.0							
LCS (2522023-BS1)					Prepared: 05/27/25 Analyzed: 05/27/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2522023-MS1)					Source: E505268-08		Prepared: 05/27/25 Analyzed: 05/27/25		
Chloride	298	20.0	250	54.8	97.5	80-120			
Matrix Spike Dup (2522023-MSD1)					Source: E505268-08		Prepared: 05/27/25 Analyzed: 05/27/25		
Chloride	295	20.0	250	54.8	96.2	80-120	1.09	20	



QC Summary Data

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	5/30/2025 2:22:41PM

Anions by EPA 300.0/9056A

Analyst: DT

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 (2522045-BLK1)					Prepared: 05/28/25 Analyzed: 05/28/25				
Chloride	ND	20.0							
LCS (2522045-BS1)					Prepared: 05/28/25 Analyzed: 05/28/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2522045-MS1)					Source: E505271-02		Prepared: 05/28/25 Analyzed: 05/28/25		
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2522045-MSD1)					Source: E505271-02		Prepared: 05/28/25 Analyzed: 05/28/25		
Chloride	258	20.0	250	ND	103	80-120	0.0112	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

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	
5846 E 21st Place	Project Number:	24066-0001	Reported:
Tulsa OK, 74114	Project Manager:	Tom Bynum	05/30/25 14:22

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Sapec-Eco, LLC				Company: Raybaw Operating		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Watkins 32 State #001				Address:		E505268	246160001				X	X								
Project Manager: Tom Bynum				City, State, Zip:																
Address: 5846 E 21st Place				Phone:																
City, State, Zip: Tulsa, OK 74114				Email:																
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																
Email: tombynum@sapec-eco.com																				
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
1:00	5/21/25	S	1	I3 - Surface		1								X			3.6			
1:05		S	1	I3 - 1'		2								X			3.4			
1:12		S	1	I3 - 2'		3								X			4.2			
1:17		S	1	I3 - 3'		4								X			4.6			
1:23		S	1	I3 - 4'		5								X			3.2			
1:27		S	1	I4 - Surface		6								X			4.0			
1:34		S	1	I4 - 1'		7								X			4.1			
1:40		S	1	I4 - 2'		8								X			4.2			
1:48		S	1	I4 - 3'		9								X			4.4			
1:52		S	1	I4 - 4'		10								X			4.6			
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																				
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. Lab Use Only Received on ice: EY N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
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.																				

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Sapec-Eco, LLC				Company: Raybow Operating		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Watkins 32 State #001				Address:		E505268	24000-0001				X	X							
Project Manager: Tom Bynum				City, State, Zip:															
Address: 5846 E 21st Place				Phone:															
City, State, Zip: Tulsa, OK 74114				Email:															
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4															
Email: tombynum@sapec-eco.com																			
Sample Information										Analysis and Method				EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1:57	5/21/25	S	1	I5 - Surface		11								X					
2:07		S	1	I5 - 1'		12								X					
2:16		S	1	I5 - 2'		13								X					
2:21		S	1	I5 - 3'		14								X					
2:27		S	1	I5 - 4'		15								X					
2:32		S	1	I6 - Surface		16								X					
2:37		S	1	I6 - 1'		17								X					
2:43		S	1	I6 - 2'		18								X					
2:48		S	1	I6 - 3'		19								X					
2:53		S	1	I6 - 4'		20								X					
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																			
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. Lab Use Only Received on ice: ☒ Y ☐ N							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
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.																			

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Sapec-Eco, LLC				Company: Raybaw Operating				Lab WO# E505268240606-0001				Job Number				1D 2D 3D Std							
Project Name: Watkins 32 State #001				Address:												NM CO UT TX							
Project Manager: Tom Bynum				City, State, Zip:												X							
Address: 5846 E 21st Place				Phone:																			
City, State, Zip: Tulsa, OK 74114				Email:																			
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																			
Email: tombynum@sapec-eco.com																							
Sample Information												Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/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					
4:58	5/21/25	S	1	BG1 - 1'		21								X									
3:03	5/21/25	S	1	BG2 - 2'		22								X									
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																							
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. Lab Use Only Received on ice: ☒ Y ☐ N							
Michelle Gonzales				5/23/25		8:00		Michelle Gonzales				5-23-25		0800									
Michelle Gonzales				5-23-25		1640		A. M.				5-23-25		1640									
A. M.				5-23-25		2245		Caitlin Mann				5-27-25		715									
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.																							

Envirotech Analytical Laboratory

Printed: 5/27/2025 9:21:41AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Sapec-Eco, LLC	Date Received: 05/27/25 07:15	Work Order ID: E505268
Phone: (580) 748-1613	Date Logged In: 05/23/25 15:53	Logged In By: Noe Soto
Email: tombynum@sapec-eco.com	Due Date: 06/02/25 17:00 (4 day TAT)	

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? 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.

Carrier: CourierComments/Resolution

Project Watkins 32 State #001 has been separated into 3 reports due to sample volume, WOs are E505266-E505268. Sampled by not provided on COC.

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? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Sapec-Eco, LLC

Project Name: Watkins 32 State #001

Work Order: E508294

Job Number: 24066-0001

Received: 8/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/2/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/2/25



Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Watkins 32 State #001
Workorder: E508294
Date Received: 8/27/2025 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/27/2025 7:00:00AM, under the Project Name: Watkins 32 State #001.

The analytical test results summarized in this report with the Project Name: Watkins 32 State #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
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Chain of Custody etc.

25

Sample Summary

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	09/02/25 14:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
C1-6"	E508294-01A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
C2-1.5'	E508294-02A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
C3-3.5'	E508294-03A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
C4-5'	E508294-04A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
C5-6"	E508294-05A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
C6-6"	E508294-06A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
C7-6"	E508294-07A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
W1-6"	E508294-08A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
W2-1.5'	E508294-09A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
W3-3.5'	E508294-10A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
W4-6"	E508294-11A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
W5-6"	E508294-12A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
W6-5'	E508294-13A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.
W7-5'	E508294-14A	Soil	08/22/25	08/27/25	Glass Jar, 2 oz.



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

C1-6"

E508294-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/27/25	
Toluene	ND	0.0250	1	08/27/25	08/27/25	
o-Xylene	ND	0.0250	1	08/27/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.8 %	70-130	08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.7 %	70-130	08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	08/27/25	08/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

C2-1.5'

E508294-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/27/25	
Toluene	ND	0.0250	1	08/27/25	08/27/25	
o-Xylene	ND	0.0250	1	08/27/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.4 %	70-130	08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	08/27/25	08/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

C3-3.5'

E508294-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535064
Benzene	ND	0.0250	1	08/27/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/27/25	
Toluene	ND	0.0250	1	08/27/25	08/27/25	
o-Xylene	ND	0.0250	1	08/27/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2535077
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	97.0 %	61-141		08/27/25	08/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2535075
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

C4-5'

E508294-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/27/25	
Toluene	ND	0.0250	1	08/27/25	08/27/25	
o-Xylene	ND	0.0250	1	08/27/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.6 %	70-130	08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	28.1	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	08/27/25	08/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

C5-6"

E508294-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535064
Benzene	ND	0.0250	1	08/27/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/27/25	
Toluene	ND	0.0250	1	08/27/25	08/27/25	
o-Xylene	ND	0.0250	1	08/27/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2535064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2535077
Diesel Range Organics (C10-C28)	27.1	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	94.0 %	61-141		08/27/25	08/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2535075
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

C6-6"

E508294-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/27/25	
Toluene	ND	0.0250	1	08/27/25	08/27/25	
o-Xylene	ND	0.0250	1	08/27/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/27/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.4 %	70-130		08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/27/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.3 %	70-130		08/27/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	27.9	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		08/27/25	08/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

C7-6"

E508294-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	28.7	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		08/27/25	08/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

W1-6"

E508294-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %	70-130	08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	08/27/25	08/28/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

W2-1.5'

E508294-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/28/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		08/27/25	08/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

W3-3.5'

E508294-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.1 %	70-130		08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		08/27/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

W4-6"

E508294-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.8 %	70-130	08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/29/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	08/27/25	08/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

W5-6"

E508294-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.8 %	70-130	08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.0 %	70-130	08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/29/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	08/27/25	08/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

W6-5'

E508294-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.9 %	70-130		08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.0 %	70-130		08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/29/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		08/27/25	08/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/2/2025 2:11:47PM

W7-5'

E508294-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Benzene	ND	0.0250	1	08/27/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/27/25	08/28/25	
Toluene	ND	0.0250	1	08/27/25	08/28/25	
o-Xylene	ND	0.0250	1	08/27/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/27/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/27/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2535064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.2 %	70-130	08/27/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2535077	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/29/25	
<i>Surrogate: n-Nonane</i>		115 %	61-141	08/27/25	08/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2535075	
Chloride	ND	20.0	1	08/27/25	08/28/25	



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	9/2/2025 2:11:47PM

Volatile Organics by EPA 8021B

Analyst: BA

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 (2535064-BLK1) Prepared: 08/27/25 Analyzed: 08/27/25

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	7.57		8.00		94.6	70-130			

LCS (2535064-BS1) Prepared: 08/27/25 Analyzed: 08/27/25

Benzene	4.95	0.0250	5.00		99.0	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130			
Toluene	4.86	0.0250	5.00		97.3	70-130			
o-Xylene	4.84	0.0250	5.00		96.7	70-130			
p,m-Xylene	9.67	0.0500	10.0		96.7	70-130			
Total Xylenes	14.5	0.0250	15.0		96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

Matrix Spike (2535064-MS1) Source: E508294-05 Prepared: 08/27/25 Analyzed: 08/27/25

Benzene	5.20	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130			
Toluene	5.12	0.0250	5.00	ND	102	70-130			
o-Xylene	5.08	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

Matrix Spike Dup (2535064-MSD1) Source: E508294-05 Prepared: 08/27/25 Analyzed: 08/27/25

Benzene	4.87	0.0250	5.00	ND	97.5	70-130	6.52	27	
Ethylbenzene	4.73	0.0250	5.00	ND	94.7	70-130	5.94	26	
Toluene	4.81	0.0250	5.00	ND	96.1	70-130	6.32	20	
o-Xylene	4.77	0.0250	5.00	ND	95.5	70-130	6.18	25	
p,m-Xylene	9.54	0.0500	10.0	ND	95.4	70-130	6.19	23	
Total Xylenes	14.3	0.0250	15.0	ND	95.5	70-130	6.19	26	
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.2	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	9/2/2025 2:11:47PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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 (2535064-BLK1) Prepared: 08/27/25 Analyzed: 08/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.1	70-130			

LCS (2535064-BS2) Prepared: 08/27/25 Analyzed: 08/27/25

Gasoline Range Organics (C6-C10)	56.6	20.0	50.0		113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

Matrix Spike (2535064-MS2) Source: E508294-05 Prepared: 08/27/25 Analyzed: 08/27/25

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.2	70-130			

Matrix Spike Dup (2535064-MSD2) Source: E508294-05 Prepared: 08/27/25 Analyzed: 08/27/25

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130	0.644	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	9/2/2025 2:11:47PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2535077-BLK1)

Prepared: 08/27/25 Analyzed: 08/28/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	61-141			

LCS (2535077-BS1)

Prepared: 08/27/25 Analyzed: 08/28/25

Diesel Range Organics (C10-C28)	285	25.0	250		114	66-144			
Surrogate: n-Nonane	50.1		50.0		100	61-141			

Matrix Spike (2535077-MS1)

Source: E508294-08

Prepared: 08/27/25 Analyzed: 08/28/25

Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	56-156			
Surrogate: n-Nonane	52.9		50.0		106	61-141			

Matrix Spike Dup (2535077-MSD1)

Source: E508294-08

Prepared: 08/27/25 Analyzed: 08/28/25

Diesel Range Organics (C10-C28)	308	25.0	250	ND	123	56-156	0.0779	20	
Surrogate: n-Nonane	54.9		50.0		110	61-141			



QC Summary Data

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	9/2/2025 2:11:47PM

Anions by EPA 300.0/9056A

Analyst: TP

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 (2535075-BLK1)					Prepared: 08/27/25 Analyzed: 08/28/25				
Chloride	ND	20.0							
LCS (2535075-BS1)					Prepared: 08/27/25 Analyzed: 08/28/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2535075-MS1)					Source: E508294-02		Prepared: 08/27/25 Analyzed: 08/28/25		
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2535075-MSD1)					Source: E508294-02		Prepared: 08/27/25 Analyzed: 08/28/25		
Chloride	259	20.0	250	ND	104	80-120	0.495	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

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	
5846 E 21st Place	Project Number:	24066-0001	Reported:
Tulsa OK, 74114	Project Manager:	Tom Bynum	09/02/25 14:11

- 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

Page 1 of 2

Client Information				Invoice Information		Lab Use Only		TAT				State								
Client: Sapec-Eco, LLC				Company: Raybaw Operating		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Watkins 32 State #001				Address:		E508294	240660-0001					X								
Project Manager: Tom Bynum				City, State, Zip:																
Address: 5846 E 21st Place				Phone:																
City, State, Zip: Tulsa, OK 74114				Email:																
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																
Email: tombynum@sapec-eco.com																				
Sample Information							Analysis and Method						EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/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 #			
																	Sample Temp			Remarks
7:00	8/22/2025	S	1	C1-6"		1								X			4.6			
7:05	8/22/2025	S	1	C2-1.5'		2								X			4.0			
7:10	8/22/2025	S	1	C3-3.5'		3								X			4.0			
7:15	8/22/2025	S	1	C4-5'		4								X			3.5			
7:20	8/22/2025	S	1	C5-6"		5								X			3.8			
7:25	8/22/2025	S	1	C6-6"		6								X			4.2			
7:30	8/22/2025	S	1	C7-6"		7								X			3.6			
7:35	8/22/2025	S	1	W1-6"		8								X			3.4			
7:40	8/22/2025	S	1	W2-1.5'		9								X			4.0			
7:45	8/22/2025	S	1	W3-3.5'		10								X			3.2			
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																				
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: <i>Andrew Musso</i>																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N												
<i>Michelle Gonzales</i>		8-26-25	7:00	<i>Michelle Gonzales</i>		8-26-25	0700													
<i>Michelle Gonzales</i>		8-26-25	1530	<i>Michelle Gonzales</i>		8-26-25	1530													
<i>Marissa Gonzales</i>		8-26-25	1930	<i>Andrew Musso</i>		8-26-25	1930													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time													
<i>Andrew Musso</i>		8-26-25	2400	<i>Andrew Musso</i>		8-27-25	700													
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.																				

Client Information				Invoice Information				Lab Use Only				TAT				State					
Client: Sapec-Eco, LLC				Company: Raybaw Operating				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: Watkins 32 State #001				Address:				E508294		240000001					X	X					
Project Manager: Tom Bynum				City, State, Zip:																	
Address: 5846 E 21st Place				Phone:																	
City, State, Zip: Tulsa, OK 74114				Email:																	
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																	
Email: tombynum@sapec-eco.com																					
Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/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		
7:58	8/22/2025	S	1	W4-6"			11								X			Compliance	Y	or N	
9:00	8/22/2025	S	1	W5-6"			12								X			PWSID #			
8:05	8/22/2025	S	1	W6-5'			13								X						
8:10	8/22/2025	S	1	W7-5'			14								X						
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																					
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. Lab Use Only Received on ice: Y N									
Michelle Gonzales		8-26-25		7:00		Michelle Gonzales		8-26-25		0700											
Michelle Gonzales		8-26-25		1:53		Marissa Gonzales		8-26-25		1:53											
Marissa Gonzales		8-26-25		1:36		Andrew Musso		8-26-25		1:36											
Andrew Musso		8-26-25		2:40		Cathy Mann		8-27-25		7:00											
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

Printed: 8/27/2025 10:00:25AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Sapec-Eco, LLC	Date Received: 08/27/25 07:00	Work Order ID: E508294
Phone: (580) 748-1613	Date Logged In: 08/26/25 16:09	Logged In By: Caitlin Mars
Email: tombynum@sapec-eco.com	Due Date: 09/02/25 07:00 (4 day TAT)	

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? 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.

Carrier: CourierComments/Resolution

Sampled by not provided on COC.

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? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Saptec-Eco, LLC

Project Name: Watkins 32 State #001

Work Order: E509043

Job Number: 24066-0001

Received: 9/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/12/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/12/25



Tom Bynum
5846 E 21st Place
Tulsa, OK 74114

Project Name: Watkins 32 State #001
Workorder: E509043
Date Received: 9/8/2025 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/8/2025 7:00:00AM, under the Project Name: Watkins 32 State #001.

The analytical test results summarized in this report with the Project Name: Watkins 32 State #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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rainaschwanz@envirotech-inc.com

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ljjarboe@envirotech-inc.com

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Client Representative
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Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Saptec-Eco, LLC 5846 E 21st Place Tulsa OK, 74114	Project Name: Watkins 32 State #001 Project Number: 24066-0001 Project Manager: Tom Bynum	Reported: 09/12/25 09:40
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1-5'	E509043-01A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
W2-5'	E509043-02A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
W3-A 1'	E509043-03A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
W3-A 3'	E509043-04A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
W3-A 5'	E509043-05A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
W4-A 1'	E509043-06A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
W4-A 3'	E509043-07A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
W4-A 5'	E509043-08A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
I1-5'	E509043-09A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
I2-6'	E509043-10A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.
I3-6'	E509043-11A	Soil	09/05/25	09/08/25	Glass Jar, 2 oz.



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

1-5'

E509043-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537010	
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2537008	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>		94.8 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2537015	
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

W2-5'

E509043-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.7 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
		97.1 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537015
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

W3-A 1'

E509043-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.5 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537015
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

W3-A 3'

E509043-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.1 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
		96.9 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537015
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

W3-A 5'

E509043-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.2 %	70-130		09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
	96.0 %	61-141		09/08/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537015
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

W4-A 1'

E509043-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.3 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
		95.5 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537015
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

W4-A 3'

E509043-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.0 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
		93.5 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537015
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

W4-A 5'

E509043-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/09/25	
<i>Surrogate: n-Nonane</i>						
		93.3 %	61-141	09/08/25	09/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537015
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

I1-5'

E509043-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537010
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.5 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2537008
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>						
		95.0 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2537015
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

12-6'

E509043-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537010	
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.9 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2537008	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>						
		98.5 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2537015	
Chloride	ND	20.0	1	09/08/25	09/08/25	



Sample Data

Saptec-Eco, LLC
5846 E 21st Place
Tulsa OK, 74114

Project Name: Watkins 32 State #001
Project Number: 24066-0001
Project Manager: Tom Bynum

Reported:
9/12/2025 9:40:17AM

I3-6'

E509043-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537010	
Benzene	ND	0.0250	1	09/08/25	09/08/25	
Ethylbenzene	ND	0.0250	1	09/08/25	09/08/25	
Toluene	ND	0.0250	1	09/08/25	09/08/25	
o-Xylene	ND	0.0250	1	09/08/25	09/08/25	
p,m-Xylene	ND	0.0500	1	09/08/25	09/08/25	
Total Xylenes	ND	0.0250	1	09/08/25	09/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/08/25	09/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	09/08/25	09/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2537008	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/08/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/08/25	09/10/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	09/08/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2537015	
Chloride	ND	20.0	1	09/08/25	09/08/25	



QC Summary Data

Sapac-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	9/12/2025 9:40:17AM

Volatile Organics by EPA 8021B

Analyst: SL

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 (2537010-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			

LCS (2537010-BS1)

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	4.29	0.0250	5.00		85.8	70-130			
Ethylbenzene	4.31	0.0250	5.00		86.2	70-130			
Toluene	4.33	0.0250	5.00		86.5	70-130			
o-Xylene	4.44	0.0250	5.00		88.8	70-130			
p,m-Xylene	8.81	0.0500	10.0		88.1	70-130			
Total Xylenes	13.2	0.0250	15.0		88.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

Matrix Spike (2537010-MS1)

Source: E509043-05

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	4.68	0.0250	5.00	ND	93.6	70-130			
Ethylbenzene	4.68	0.0250	5.00	ND	93.6	70-130			
Toluene	4.67	0.0250	5.00	ND	93.5	70-130			
o-Xylene	4.74	0.0250	5.00	ND	94.9	70-130			
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	70-130			
Total Xylenes	14.2	0.0250	15.0	ND	95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

Matrix Spike Dup (2537010-MSD1)

Source: E509043-05

Prepared: 09/08/25 Analyzed: 09/08/25

Benzene	5.26	0.0250	5.00	ND	105	70-130	11.6	27	
Ethylbenzene	5.27	0.0250	5.00	ND	105	70-130	11.8	26	
Toluene	5.25	0.0250	5.00	ND	105	70-130	11.5	20	
o-Xylene	5.25	0.0250	5.00	ND	105	70-130	10.1	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	11.4	23	
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130	11.0	26	
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	9/12/2025 9:40:17AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2537010-BLK1)

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

LCS (2537010-BS2)

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	57.8	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.30		8.00		91.3	70-130			

Matrix Spike (2537010-MS2)

Source: E509043-05

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	60.0	20.0	50.0	ND	120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike Dup (2537010-MSD2)

Source: E509043-05

Prepared: 09/08/25 Analyzed: 09/08/25

Gasoline Range Organics (C6-C10)	63.2	20.0	50.0	ND	126	70-130	5.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			



QC Summary Data

Sapco-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	9/12/2025 9:40:17AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

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 (2537008-BLK1)					Prepared: 09/08/25 Analyzed: 09/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.2		50.0		94.4	61-141			

LCS (2537008-BS1)					Prepared: 09/08/25 Analyzed: 09/09/25				
Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	46.5		50.0		93.1	61-141			

Matrix Spike (2537008-MS1)					Source: E509043-07		Prepared: 09/08/25 Analyzed: 09/09/25		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			

Matrix Spike Dup (2537008-MSD1)					Source: E509043-07		Prepared: 09/08/25 Analyzed: 09/09/25		
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	1.28	20	
Surrogate: n-Nonane	49.0		50.0		97.9	61-141			



QC Summary Data

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	Reported:
5846 E 21st Place	Project Number:	24066-0001	
Tulsa OK, 74114	Project Manager:	Tom Bynum	9/12/2025 9:40:17AM

Anions by EPA 300.0/9056A

Analyst: TP

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 (2537015-BLK1)						Prepared: 09/08/25 Analyzed: 09/08/25			
Chloride	ND	20.0							
LCS (2537015-BS1)						Prepared: 09/08/25 Analyzed: 09/08/25			
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2537015-MS1)				Source: E509039-04		Prepared: 09/08/25 Analyzed: 09/08/25			
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2537015-MSD1)				Source: E509039-04		Prepared: 09/08/25 Analyzed: 09/08/25			
Chloride	263	20.0	250	ND	105	80-120	0.177	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

Saptec-Eco, LLC	Project Name:	Watkins 32 State #001	
5846 E 21st Place	Project Number:	24066-0001	Reported:
Tulsa OK, 74114	Project Manager:	Tom Bynum	09/12/25 09:40

- 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

Page 1 of 2

Client Information				Invoice Information		Lab Use Only		TAT				State								
Client: Sapec-Eco, LLC				Company: Raybaw Operating		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Watkins 32 State #001				Address:		E509043	24066-0001				X	X								
Project Manager: Tom Bynum				City, State, Zip:																
Address: 5846 E 21st Place				Phone:																
City, State, Zip: Tulsa, OK 74114				Email:																
Phone: 580-748-1613				Miscellaneous: Projects 1-3 & 1-4																
Email: tombynum@sapec-eco.com																				
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
8:00	9/5/2025	S	1	1-5'		1								X			4.6			
8:05	9/5/2025	S	1	W2-5'		2								X			4.8			
8:10	9/5/2025	S	1	W3-A 1'		3								X			4.5			
8:15	9/5/2025	S	1	W3-A 3'		4								X			4.7			
8:20	9/5/2025	S	1	W3-A 5'		5								X			4.6			
8:25	9/5/2025	S	1	W4-A 1'		6								X			4.8			
8:30	9/5/2025	S	1	W4-A 3'		7								X			4.9			
8:35	9/5/2025	S	1	W4-A 5'		8								X			5.0			
8:40	9/5/2025	S	1	I1-5'		9								X			4.8			
8:45	9/5/2025	S	1	I2-6'		10								X			4.9			
Additional Instructions: Bill to Sapec-Eco, LLC (nSAP0132411072 & nGRL0936533622)																				
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. Lab Use Only Received on ice: (Y) N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
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

[illegible]

Envirotech Analytical Laboratory

Printed: 9/8/2025 9:48:44AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Sapec-Eco, LLC	Date Received:	09/08/25 07:00	Work Order ID:	E509043
Phone:	(580) 748-1613	Date Logged In:	09/05/25 14:33	Logged In By:	Caitlin Mars
Email:	tombynum@sapec-eco.com	Due Date:	09/12/25 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? 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.

Carrier: CourierComments/Resolution

Sampled by not provided on COC.

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? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.

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 506892

QUESTIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 506892
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nGRL0936533622
Incident Name	NGRL0936533622 WATKINS 32 STATE #001 @ 30-025-31735
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-31735] WATKINS 32 STATE #001
Incident Facility	[fGRL0936531881] Watkins 32 State Battery

Location of Release Source

Please answer all the questions in this group.

Site Name	WATKINS 32 STATE #001
Date Release Discovered	11/25/2009
Surface Owner	State

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: Freeze Fitting Crude Oil Released: 14 BBL Recovered: 9 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 506892

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 506892
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Michael Lee Title: COO Email: michael@raybawoperating.com Date: 09/17/2025
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QUESTIONS, Page 3

Action 506892

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 506892
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

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

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

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<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)	2970
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	11690
GRO+DRO (EPA SW-846 Method 8015M)	6000
BTEX (EPA SW-846 Method 8021B or 8260B)	0.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	08/21/2025
On what date will (or did) the final sampling or liner inspection occur	09/05/2025
On what date will (or was) the remediation complete(d)	09/05/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1400
What is the estimated volume (in cubic yards) that will be remediated	89

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

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

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QUESTIONS, Page 4

Action 506892

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 506892
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<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>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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>	
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: Michael Lee Title: COO Email: michael@raybawoperating.com Date: 09/17/2025
<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 5

Action 506892

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 506892
	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 506892

QUESTIONS (continued)

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 506892
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	502152
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/05/2025
What was the (estimated) number of samples that were to be gathered	11
What was the sampling surface area in square feet	1000

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	1400
What was the total volume (cubic yards) remediated	89
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)	DTGW = 51-100 feet, all areas on pad surface
<i>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>	
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: Michael Lee Title: COO Email: michael@raybawoperating.com Date: 09/17/2025

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QUESTIONS, Page 7

Action 506892

QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 506892

CONDITIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
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CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/22/2025